

## 14th ADDENDUM TO THE SIERRA VISTA SPECIFIC PLAN ENVIRONMENTAL IMPACT REPORT (SCH #2008032115, ADOPTED ON MAY 5, 2010)

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| <b>Project Title/File Number:</b> | Baseline Marketplace Modification; File #PL25-0246                                                                                                                                                                                                                                                                                                                                                            |
| <b>Project Location:</b>          | 5000 Baseline Rd., Roseville, Placer County, CA 95747                                                                                                                                                                                                                                                                                                                                                         |
| <b>Project Description:</b>       | The applicant requests a minor modification of the Major Project Permit (MPP) Stage 1 and Stage 2 approvals to make minor modifications to the site plan, elevations and design guidelines for the Baseline Marketplace commercial center. Original MPP approval was under file #2013PL-020. A new Tentative Subdivision Map is also requested to create new lots in conjunction with the modified site plan. |
| <b>Project Applicant:</b>         | Jordan Crawford, Kimley-Horn                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Property Owner:</b>            | Jeff Ronten, D.F. Properties, Inc.                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Lead Agency Contact:</b>       | Sean Morales, Associate Planner, (916) 774-5282                                                                                                                                                                                                                                                                                                                                                               |

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An Addendum to a previously certified and adopted negative declaration or environmental impact report may be prepared for a project if only minor technical changes or additions are necessary or none of the conditions calling for the preparation of a subsequent EIR or negative declaration have occurred (California Environmental Quality Act Guidelines [CEQA] Section 15164). Consistent with CEQA Guidelines Section 15164, the below analysis demonstrates that none of the conditions described in Sections 15162 or 15163 of the CEQA Guidelines calling for preparation of a subsequent or supplemental EIR have occurred and that no more than minor technical changes or additions to the certified Sierra Vista Specific Plan EIR are necessary in order to describe the impacts of the proposed project. CEQA Guidelines Section 15164 also states that an addendum need not be circulated for public review, but can be included in or attached to the final EIR for consideration by the hearing body. This Addendum focuses only on those aspects of the project or its impacts which require additional discussion.

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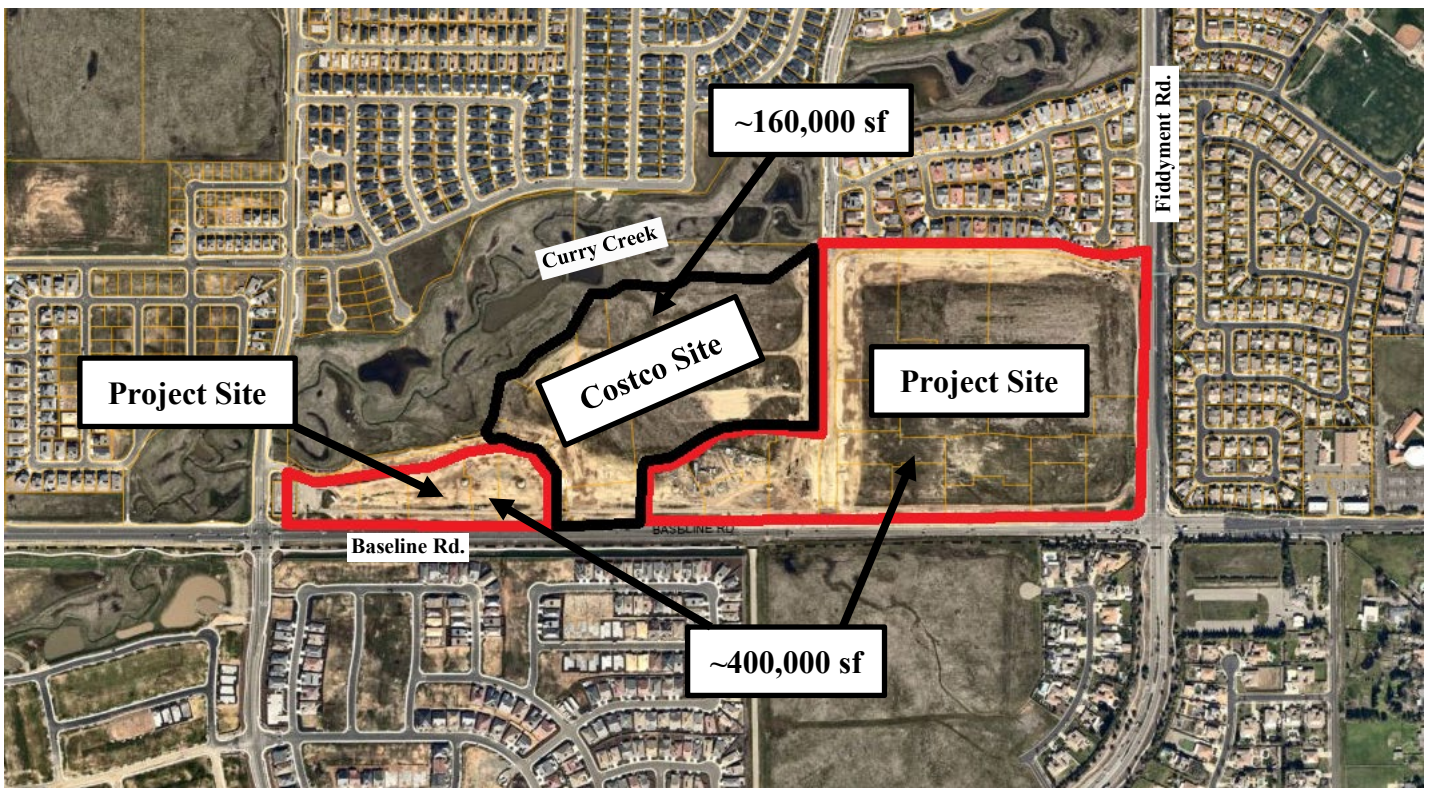
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## PROJECT DESCRIPTION

### Project Location

The project address is 5200 Baseline Road, within the southern portion of the Sierra Vista Specific Plan (SVSP), south of Curry Creek, east of Market Street, west of Fiddymment Road, and north of Baseline Road (see Figure 1).

**Figure 1: Project Location (parcel bordered in red)**



### Background

The project site is identified as parcels “DF-40, DF-41, and DF-42” within the Sierra Vista Specific Plan (SVSP). The SVSP was adopted on May 5, 2010 and includes 2,064 acres west of Fiddymment Road and north of Baseline Road. The SVSP consists of a mix of land uses, including three large parcels (DF-40, DF-41, and DF-42) designated for Community Commercial land use at the northwest corner of Baseline Road and Fiddymment Road. The SVSP permits this corner to be developed with large format commercial uses as shown in figure B-28 of the SVSP, which provides a concept design for a commercial center with up to 1.4 million square feet of development. Prior to taking action on the SVSP, the City adopted Resolution 10-160 certifying an Environmental Impact Report (EIR) and adopting a Mitigation Monitoring Program, collectively analyzing, and reducing to the extent feasible, impacts associated with development that would occur pursuant to the SVSP. Additionally, Development Agreements with the property owners of the SVSP parcels and the City were entered into to outline development obligations within the SVSP.

On March 13, 2014, the Planning Commission approved a Major Project Permit for the Baseline Marketplace project, which allowed the construction of 745,300 square feet of commercial, restaurant, and retail buildings across DF-40, DF-41, and DF-42. On April 17, 2023, a modification to the Baseline Marketplace project was approved to review the site plan and building elevations for an approximately 160,873 square-foot Costco

warehouse along with a fuel facility and car wash on the northern portion of DF-41. An Addendum to the SVSP EIR was approved for that project. The current project is a minor modification to the Major Project Permit to review the site plan and building elevations for the balance of the project not owned and operated by Costco (see Figure 2). The overall scale of development proposed is consistent with what was anticipated in both the SVSP and the approved Baseline Marketplace project, including commercial uses, the size of the buildings, and the project layout, featuring large buildings in the northern portion of the site, parking fields in the center, and smaller buildings in the southern portion of the site adjacent to Baseline Road. The minor modifications proposed include the addition of drive-thru uses and the minor modification of building footprints.

| Location | Zoning             | General Plan Land Use                             | Actual Use of Property                     |
|----------|--------------------|---------------------------------------------------|--------------------------------------------|
| Site     | General Commercial | Community Commercial                              | Leveled and graded, undeveloped            |
| North    | Open Space         | Open Space                                        | Curry Creek and surrounding open space     |
| North    | Single-Family      | Low-Density Residential                           | JM-21 Low-Density Subdivision constructed  |
| South    | SPL-PVSP           | Placer Vineyards Specific Plan (in Placer County) | Residential subdivision under construction |
| East     | Single-Family      | Low-Density Residential                           | WW-3 Low-Density Subdivision constructed   |
| West     | Open Space         | Open Space                                        | Leveled and graded, undeveloped            |

## Environmental Setting

The project site was rough-graded and has been annually maintained, and is therefore dominated by relatively flat topography and is devoid of trees, wetlands, or other natural features. The site is primarily populated by non-native annual grasses, and aerial photography shows evidence of ground disturbance, including areas of bare ground and furrows from discing on the property. There are no structures on the property. No native oak trees or other trees are present on the subject parcels. Curry Creek is north of the project boundary within a designated Open Space preserve. The Open Space preserve includes the entirety of Curry Creek and its floodplain, including a minimum 50-foot buffer between any wetland or riparian resources and the boundary of the Open Space parcel. Single-family subdivisions are currently under development beyond Curry Creek to the north.

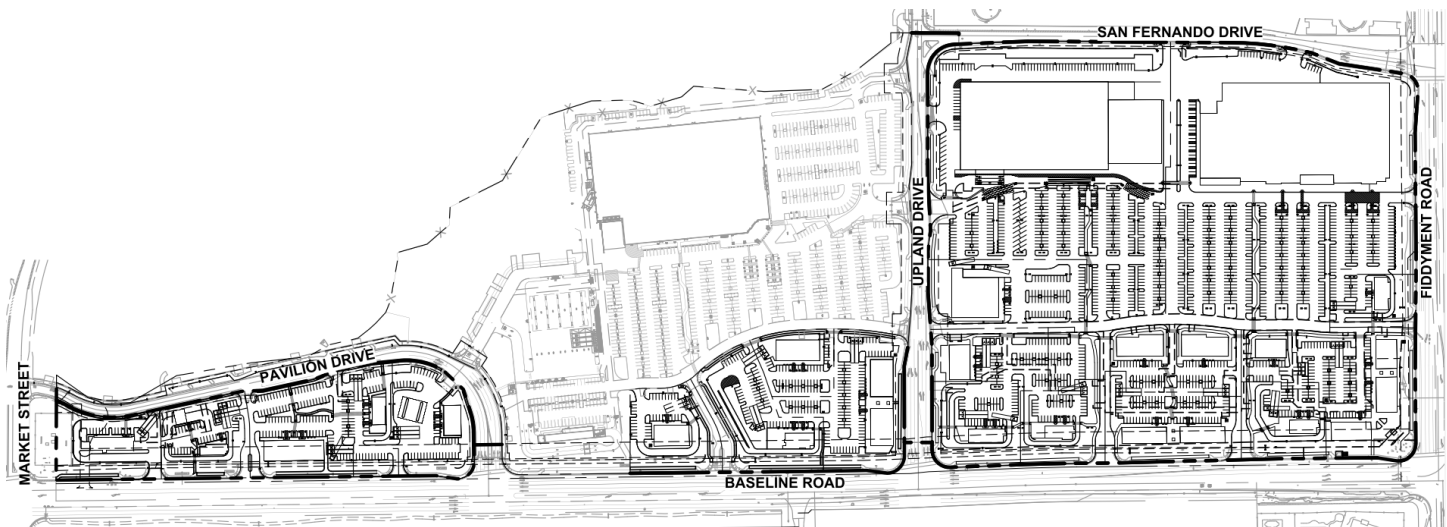
The project site is bordered by Baseline Road to the south, which is currently a two-lane road but is designated for expansion to six lanes with full buildout of the SVSP area. Subdivisions within unincorporated Placer County are under construction to the south of the project site beyond Baseline Road. The site is bordered on the east and west by Fiddymont Road and Market Street, respectively. The site will be served by utilities within Baseline Road as well as the extension of Upland Drive and Pavilion Drive and connect to Baseline Road. There are existing overhead power lines that traverse the southern boundary of the site.

## Proposed Project

The proposed project is a request for minor modifications to the approved site plan and building elevations for the Baseline Marketplace for construction of approximately 400,000 sf of various retail and restaurant buildings within the balance of the project not owned by Costco. This brings the total building area for the Baseline Marketplace project to approximately 560,000 sf including the current project and previously approved Costco portion. A new tentative subdivision map is also requested to make modifications to the existing parcels throughout the site:

- A. Major Project Permit (MPP) Modification – The Sierra Vista Specific Plan was adopted in 2010 and anticipated a large commercial development on parcels DF-40, -41, and -42 in the southeast corner of the plan area. The Major Project Permit for the Baseline Marketplace commercial project, approved in 2014, is consistent with the assumptions in the SVSP. The current proposal is for a minor modification to the non-Costco portions of the baseline Marketplace for modifications to the site plan and design guidelines (Figure 2).
- B. Tentative Subdivision Map – Resubdivide the existing 24 parcels in the project area and create 22 new parcels that conform to the proposed site modifications.

**Figure 2. Site Plan**



## PURPOSE AND SCOPE OF ADDENDUM

This Addendum has been prepared to identify and assess the anticipated environmental impacts of the above-described project. The document relies on previous environmental documents and site-specific studies prepared to address in detail the effects or impacts associated with the project as well as updated technical analyses, prepared by qualified consultants. This document has been prepared to satisfy the California Environmental Quality Act (CEQA), (Public Resources Code, Section 21000 et seq.) and the State CEQA Guidelines (14 CCR 15000 et seq.). CEQA requires that all state and local government agencies consider the environmental consequences of projects over which they have discretionary authority before acting on those projects.

Where, as here, an EIR addressing an earlier version of the project has been previously prepared and certified, the lead agency considers the relevance of that prior EIR in light of the current modified version of the project and changed circumstances since the time of the preparation of the prior EIR. Pursuant to CEQA Guidelines §15162–15163, if the lead agency determines, based on substantial evidence, that new information of substantial importance, or changes to the project or surrounding circumstances will require major revisions to the previous EIR due either to a new significant effect or a substantial increase in the severity of a previously identified significant effect on the environment, the lead agency is required to prepare a Subsequent EIR or an EIR Supplement to analyze the project at hand. Pursuant to CEQA Guidelines §15164, if the agency finds no basis for requiring the preparation of either a Subsequent EIR or an EIR Supplement, but some changes or additions are necessary, an Addendum shall be prepared.

The Sierra Vista Specific Plan Environmental Impact Report (SVSP EIR) was certified by City Council on May 5, 2010 (State Clearinghouse Number 2008032115). The document analyzed the impacts that would occur as a result of development of the SVSP area, including a 1.4 million square-foot anchor commercial center on the



project site and adjacent parcels. A copy of the SVSP EIR is available for review online at [www.roseville.ca.us/planning](http://www.roseville.ca.us/planning) under Specific Plans and then the Sierra Vista Specific Plan page. The City Council adopted Findings of Fact and a Statement of Overriding Considerations when it certified the SVSP EIR. The EIR identified the following impacts associated with development of the SVSP area, including the buildout of the project area, as significant and unavoidable:

- Conversion of agricultural land to developed uses
- Inducement of substantial population growth
- Increased traffic on City of Roseville roadways
- Increased traffic on State Highways, including Interstate 80
- Increased traffic on Placer County roadways
- Increased emissions of fugitive dust and PM10 from grading and trenching activities (short term)
- Increased emissions of ozone precursors during construction (short-term)
- Increased emissions of air pollutants during operation
- Loss of oak trees of greater than 6 inches diameter breast height (dbh) (short-term)
- Removal of historically significant properties and/or loss of historic integrity of such resources
- Increased demand for solid waste services at the Western Regional Sanitary Landfill
- Increased demand for solid waste services at the Materials Recovery Facility (MRF)
- Construction debris demand for solid waste services
- Alteration of the visual character of the site and vicinity
- New sources of light and glare

For build out of the SVSP project area, the SVSP EIR also identified the following cumulative impacts as significant and unavoidable:

- Agricultural land conversion
- Air pollutant emissions from construction
- Air pollutant emissions from operation
- Contribution to greenhouse gas emissions/global warming
- On-site noise levels that exceed City standards
- Off-site noise levels that exceed City standards
- Traffic impacts to Roseville, Placer County, Sacramento County, Sutter County and State facilities
- Increased demand for water
- Increased demand for recycled water distribution system
- Increased generation of solid waste
- Change in visual character

The analyses below rely on the EIR analysis with minor supplements or technical updates where appropriate. The project impacts remain within the scope of the impacts of the SVSP EIR, because the proposed project is of the scale, type, and form of commercial development anticipated within the SVSP EIR for the project site. The SVSP EIR anticipated up to 1.4 million square feet of commercial development on Specific Plan Parcels DF-40, DF-41, and DF-42, which results in a Floor Area Ratio of approximately 0.4. The Floor Area Ratio is a measure of development intensity and represents the density and bulk of developed buildings. A Floor Area Ratio of 0.4 means that 40% of a given area would be developed with buildings while the remainder is developed with parking, drive aisles, and other supporting development. The proposed Baseline Marketplace project will span all three large lot parcels. The approved Baseline Marketplace development included approximately 750,000 square feet of retail, which results in a 0.2 FAR. In other words, the entirety of the originally approved Baseline Marketplace project across Specific Plan Parcels DF-40, DF-41, and DF-42 would only develop at approximately half of the intensity analyzed within the SVSP EIR. The approved Costco warehouse, fueling station, and car wash, which is approximately 160,000 square feet of enclosed buildings across 927,035 square feet of land results in a 0.17 FAR, which is within the 0.2 FAR already approved for the Baseline Marketplace development.

Similarly, the current project, which includes the remaining portions of the Baseline Marketplace Project, proposes 398,226 sf of development on 2,244,211 sf of land, which results in a .18 FAR. Accordingly, the project development intensity is less than what was previously evaluated as it relates to the project site within the Specific Plan as part of the SVSP EIR, and therefore impacts associated with modifying the approved Baseline Marketplace project would not result in new or more severe environmental effects than were already analyzed in the SVSP EIR.

Impacts to physical resources (such as agricultural land, biological resources, etc.) are based on the grading and development of a site, not on the arrangement or use of buildings within the site. The entire project site was anticipated to be graded and fully developed with commercial uses within the SVSP EIR. For other types of impacts which are affected by size and use of buildings, such as air quality, minor technical updates have been provided, where necessary. The Environmental Checklist section, below, provides minor supplements or technical updates where appropriate, to demonstrate that the project remains within the scope of the impacts previously analyzed in the EIR.

## **ENVIRONMENTAL CHECKLIST FOR ADDENDUM ENVIRONMENTAL REVIEW**

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The purpose of this checklist is to evaluate the categories in terms of any “changed condition” (i.e. changed circumstances, project changes, or new information of substantial importance) that may result in a changed environmental result. A “no” answer does not necessarily mean there are no potential impacts relative to the environmental category, but that there is no change in the condition or status of the impact since it was analyzed and addressed in prior environmental documents.

### **EXPLANATION OF CHECKLIST EVALUATION CATEGORIES**

#### **Where Impact was Analyzed**

This column provides a cross-reference to the pages of the prior environmental documents where information and analysis may be found relative to the environmental issue listed under each topic.

#### **Do Proposed Changes Involve New Significant Impacts?**

Pursuant to Section 15162(a)(1) of the CEQA Guidelines, this column indicates whether the changes represented by the current project will result in new significant impacts that have not already been considered and mitigated by the prior environmental review documents and related approvals, or will result in a substantial increase in the severity of a previously identified impact.

#### **Any new Circumstances Involving New Impacts?**

Pursuant to Section 15162(a)(2) of the CEQA Guidelines, this column indicates whether there have been changes to the project site or the vicinity (circumstances under which the project is undertaken) which have occurred subsequent to the certification or adoption of prior environmental documents, which would result in the current project having new significant environmental impacts that were not considered in the prior environmental documents or that substantially increase the severity of a previously identified impact.

#### **Any new Information Requiring New Analysis or Verification?**

Pursuant to Section 15162(a)(3)(A–D) of the CEQA Guidelines, this column indicates whether new information of substantial importance which was not known and could not have been known with the exercise of reasonable diligence at the time the previous environmental documents were certified or adopted is available requiring an update to the analysis of the previous environmental documents to verify that the environmental conclusions and mitigation measures remain valid. Either “yes” or “no” will be answered to indicate whether there is new information showing that: (A) the project will have one or more significant effects not discussed in the prior environmental documents; (B) that significant effects previously examined will be substantially more severe than shown in the prior environmental documents; (C) that mitigation measures or alternatives previously found not to be feasible would in fact be feasible and would substantially reduce one or more significant effects of the project, but the project proponents decline to adopt the mitigation measure or alternative; or (D) that mitigation

measures or alternatives which are considerably different from those analyzed in the prior environmental documents would substantially reduce one or more significant effects on the environment, but the project proponents decline to adopt the mitigation measure or alternative. If “no,” then no additional environmental documentation (supplemental or subsequent EIR) is required.

### **Mitigation Measures Implemented or Addressing Impacts**

Pursuant to Section 15162(a)(3) of the CEQA Guidelines, this column indicates whether the prior environmental documents provide mitigation measures to address effects in the related impact category. In some cases, the mitigation measures have already been implemented. A “yes” response will be provided in any instance where mitigation was included, regardless of whether the mitigation has been completed at this time. If “none” is indicated, this environmental analysis concludes a significant impact does not occur with this project, no mitigation was previously included, and no mitigation is needed.

## **DISCUSSION AND MITIGATION SECTIONS**

### **Discussion**

A discussion of the elements of the checklist is provided under each environmental category in order to clarify the answers. The discussion provides information about the particular environmental issue, how the project relates to the issue and the status of any mitigation that may be required or has already been implemented.

### **Mitigation Measures**

Applicable mitigation measures from the prior environmental review that apply to the project are listed under each environmental category.

### **Conclusions**

A discussion of the conclusion relating to the analysis contained in each section.

## **OTHER CONSIDERATIONS**

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Since the publication of the SVSP EIR, the Office of Planning and Research (OPR) has updated CEQA Guidelines Appendix G (Environmental Checklist Form). These updates address legislative changes to CEQA, clarify language, and update language consistent with case law. None of the changes to the checklist require new analysis related to impacts which were not known or which could not have been known at the time the SVSP EIR was prepared. The majority of the checklist changes clarified language, reorganized existing language, or eliminated analysis requirements. For analysis requirements which have been eliminated, this is in response to



case law affirming that analysis must focus on impacts caused by the project, not impacts to the project. An example of each of these types of changes is included below:

- Cultural Resources (a): Cause a substantial adverse change in the significance of an historic resource ~~as defined in~~ pursuant to Section 15064.5?

The replacement of “as defined in” with “pursuant to” is a phrasing change which has no impact on required analysis.

- Cultural Resources (c) has been moved to Geology and Soils (f).

Moving the topical section of this analysis requirement (which is related to paleontological resources) from Cultural Resources to Geology and Soils has no impact on required analysis.

- Noise (b): ~~Exposure of persons to or~~ Generation of excessive ground borne vibration of ground borne noise levels?

The above changes redirect the analysis from considering overall exposure of persons to ground borne vibration, and focus the analysis on any ground borne vibration generated by a project. This same change is reflected in all other checklist questions related to noise. Therefore, the EIR included more analysis than is currently required, because they included analysis related to exposing neighboring areas to noise, but also analyzed the effect of noise on the proposed uses; the latter analysis is no longer required.

The updated CEQA Guidelines Appendix G also includes three new sections (Tribal Cultural Resources, Energy, and Wildfire) and includes new and modified requirements as part of the Transportation/Traffic section. Although the Tribal Cultural Resources *section* is new, the analysis of this impact area was included in the SVSP EIR as part of the Cultural Resources section. The new Energy section was formerly included in CEQA Guidelines Appendix F, but has been moved into the Appendix G, so while it is new to the checklist, it is not new to the CEQA Guidelines. In regards to Wildfire, the California Department of Forestry and Fire Protection (CAL FIRE) is the state agency responsible for wildland fire protection and management. As part of that task, CAL FIRE maintains maps designating Wildland Fire Hazard Severity zones. The City is not located within a Very High Fire Hazard Severity Zone, and is not in a CAL FIRE responsibility area; fire suppression is entirely within local responsibility. Therefore, the Wildfire section does not apply because the project site is not within a Very High Fire Hazard Severity Zone and is not in a CAL FIRE responsibility area.

The changes to the Transportation/Traffic section—which is now called simply Transportation—refocuses the analysis on vehicle miles traveled (VMT). Pursuant to Senate Bill 743, the Natural Resources Agency promulgated CEQA Guidelines section 15064.3 in late 2018. It became effective in early 2019. Subdivision (a) of that section provides that “...vehicle miles traveled is the most appropriate measure of transportation impacts. For the purposes of this section, ‘vehicle miles traveled’ refers to the amount and distance of automobile travel attributable to a project...” Section 15064.3(c) states that the section applies prospectively and did not require lead agencies to undertake VMT analysis until July 1, 2020. Even as of that date, the VMT requirement only applied to projects for which draft EIRs (or negative declarations) had not yet been issued. An addendum is considered together with a certified Final EIR (CEQA Guidelines, § 15164 (d)) and thus represents a later stage in the CEQA process that follows a period of time after the issuance of a draft EIR. The new VMT requirement, then, does not apply to an addendum. Here, the SVSP EIR at issue was certified in 2010, approximately 10 years before the VMT requirement took effect. Case law substantiating this includes “Citizen’s for Positive Growth & Preservation v. City of Sacramento” (2019).

Although, as explained above, VMT is not applicable to this addendum, the City of Roseville considered VMT in the SVSP EIR, albeit in a different context. The SVSP EIR’s chapter regarding Climate Change and Greenhouse

Gas Emissions included an estimate of greenhouse gas emissions that would be generated by the traffic associated with the operation of uses allowed under the SVSP at buildout. As discussed in more detail in the Transportation section of this Environmental Checklist, the trip generation associated with the project is well within the trips that were assumed as part of the SVSP. Because the project's proposed uses are also consistent with the uses allowed pursuant to the SVSP, the trip lengths associated with project trips would not be expected to meaningfully vary from the assumptions that were used to generate the original VMT analysis in the SVSP EIR. Therefore, even if VMT were required to be analyzed, the project would not generate new or more severe impacts with respect to VMT as compared with the SVSP EIR.

Moreover, the City also analyzed VMT in connection with the 2035 General Plan Update EIR (SCH No. 2019080418). The General Plan Update (GPU) EIR<sup>1</sup> used the Roseville travel forecasting model to estimate VMT for the City. The VMT data was then normalized to residents as a "per capita" rate. As described in the GPU EIR, and consistent with the VMT reductions in OPR's *Technical Advisory on Evaluating Transportation Impacts in CEQA*, the City has adopted a VMT significance threshold of 12.8 VMT/capita. This threshold represents a 15 percent reduction to baseline per capita VMT. The GPU EIR concluded that buildout of the remaining undeveloped areas of the City, consistent with existing land use designations and existing development agreements, would exceed the City's adopted threshold resulting in a Significant impact in both the constrained and unconstrained buildout scenarios, and that mitigation requiring land use changes was not feasible because of existing development agreements in place for the undeveloped areas of the City.

As stated in the GPU EIR and pursuant to the tiering provisions of CEQA, projects that are consistent with the General Plan do not require further VMT analysis. Quantitative analyses are not required if it can be demonstrated that a project would generate VMT which is equivalent to or less than what was assumed in the GPU EIR. The proposed project includes construction of a commercial development on a parcel with a Community Commercial land use designation. A large commercial development was anticipated on this parcel in the SVSP and GPU EIR and the proposed minor modification does not exceed what was anticipated with buildout of the SVSP (further discussion of this is found in the Transportation section of this Environmental Checklist) or analyzed in the GPU EIR; therefore, it can be concluded that the project is consistent with GPU EIR analysis as it relates to VMT, and the project does not require further VMT analysis.

Based on the foregoing, none of the modifications to CEQA Guidelines Appendix G require new analysis related to impacts which were not known or which could not have been known at the time the SVSP EIR was prepared. Therefore, an Addendum is the appropriate environmental document to describe the impacts of the proposed project.

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<sup>1</sup> General Plan Update EIR: [www.roseville.ca.us/GeneralPlan](http://www.roseville.ca.us/GeneralPlan)

## CHECKLIST

### I. Aesthetics

|                                                                                                                                                                                                                                                                                                                                                                              | Where Impact Was Analyzed in Prior Environmental Documents | Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts? | Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts? | Any New Information Requiring New Analysis or Verification? | Prior Environmental Documents' Mitigation Measures Implemented or Addressing Impacts. |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------|---------------------------------------------------------------------------------------|
| a. Have a substantial adverse effect on a scenic vista?                                                                                                                                                                                                                                                                                                                      | SVSP EIR Section 4.14                                      | No                                                                                        | No                                                                                            | No                                                          | None                                                                                  |
| b. Substantially damage scenic resources, including but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?                                                                                                                                                                                                                      | Same                                                       | No                                                                                        | No                                                                                            | No                                                          | None                                                                                  |
| c. In non-urbanized area, substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from a publicly accessible vantage point.) If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality? | Same                                                       | No                                                                                        | No                                                                                            | No                                                          | None                                                                                  |
| d. Create a new source of substantial light or glare, which would adversely affect day or nighttime views in the area?                                                                                                                                                                                                                                                       | Same                                                       | No                                                                                        | No                                                                                            | No                                                          | SVSP EIR MM 4.14-1<br>SVSP EIR MM 4.14-2<br>SVSP EIR MM 4.14-3                        |

**Discussion:** Impacts to visual and aesthetic resources were adequately addressed in the SVSP EIR as it relates to the proposed project, and were previously identified as significant and unavoidable. The proposed commercial development does not introduce development to properties not already planned for development, and the scale, type, and form of commercial development is consistent with the development anticipated within the SVSP EIR. The proposed uses are substantially consistent with the build out assumptions and would not increase the severity of already identified significant impacts. The SVSP EIR analysis remains adequate and applicable to the proposed project.

The SVSP EIR found there were no designated or eligible scenic vistas or resources within or near the SVSP, and this evaluation remains adequate and applicable to the proposed project.

At the time of the SVSP EIR the planning area was within a non-urbanized area, and impacts to aesthetic and visual resources were found to be significant and unavoidable, because the Specific Plan would result in large-scale development within an area dominated by open space. The proposed project is currently within an urban area, and the project has been evaluated for compliance with the City's Community Design Guidelines (CDG) and the design guidelines established in the SVSP. As it relates to aesthetics, these standards ensure the high quality design and architectural character of any buildings developed as well as establishing minimum landscaping standards. The proposed project does not conflict

with applicable zoning and other regulations governing scenic quality, and therefore impacts are less than significant. The SVSP EIR analysis remains adequate and applicable to the proposed project.

As it relates to light and glare, the SVSP EIR found impacts would be significant and unavoidable, because the Specific Plan would introduce artificial light into a rural area. EIR Mitigation Measure (MM) 4.14-1 requires all light fixtures for commercial and office uses to have glare shields and all new buildings to be constructed with low-glare materials; this mitigation measure applies to the proposed project. In addition, project lighting is conditioned to comply with current City standards (i.e., CDG), which require the project to limit the height of light standards and also require cut-off lenses and glare shields to minimize light and glare impacts. MM 4.14-2 recommends low-glare materials be utilized for new buildings to reduce glare impacts. MM 4.14-3 reduces light impacts on nearby open space through design measures and light direction and placement. Based on the above discussion, there would be no new significant impacts not previously identified in the SVSP EIR, and the SVSP EIR analysis remains adequate and applicable to the proposed project.

**Mitigation Measures:** SVSP EIR Mitigation Measures **MM 4.14-1** (site lighting to minimize nuisance), **MM 4.14-2 (use low-glare materials)**, and **MM 4.14-3** (avoid light spillover into Curry Creek and Open Space) can be found in the table of applicable mitigation measures included with this Addendum (see Attachment 1).

**II. Agricultural & Forestry Resources**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Where Impact Was Analyzed in Prior Environmental Documents | Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts? | Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts? | Any New Information Requiring New Analysis or Verification? | Prior Environmental Documents' Mitigation Measures Implemented or Addressing Impacts. |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------|---------------------------------------------------------------------------------------|
| a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | SVSP EIR Section 4.1                                       | No                                                                                        | No                                                                                            | No                                                          | SVSP EIR MM 4.1-2                                                                     |
| b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Same                                                       | No                                                                                        | No                                                                                            | No                                                          | None                                                                                  |
| c) Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Same                                                       | No                                                                                        | No                                                                                            | No                                                          | None                                                                                  |
| d) Result in the loss of forest land or conversion of forest land to non-forest use?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Same                                                       | No                                                                                        | No                                                                                            | No                                                          | None                                                                                  |
| e) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Same                                                       | No                                                                                        | No                                                                                            | No                                                          | None                                                                                  |
| <b>Discussion:</b> Impacts to agricultural resources were adequately addressed in the SVSP EIR as it relates to the proposed project. There is no significant change in the proposed project that would change the environmental impact for this section. The SVSP EIR concluded development of the project area would convert fallow grazing land to urbanized development and have a less than significant impact with mitigation. The SVSP EIR found that while the project site did not provide opportunities for prime agricultural production, approving an urban land use designation would preclude any agricultural use of the land in the future. The SVSP EIR found that with mitigation in the form of 1:1 open space preservation, the impact would be less than significant. The project site is no longer used for agricultural purposes, does not include agricultural zoning, is not within |                                                            |                                                                                           |                                                                                               |                                                             |                                                                                       |

or adjacent to one of the areas of the City designated as a protected farmland category on the Placer County Important Farmland map, is not within or adjacent to land within a Williamson Act Contract, and is not considered forest land. For these reasons, project impacts related to agricultural and forestry resources are less than significant. The proposed project is substantially consistent with the development assumptions of the SVSP EIR and would not increase the severity of already identified less than significant impacts. The SVSP EIR analysis remains adequate and applicable to the proposed project.

**Mitigation Measures:** SVSP EIR Mitigation Measure MM 4.1-2 required preservation of open space within Placer County in order to mitigate for the loss of open space in the SVSP. Though this measure remains applicable to the project, the measure has been completed via an established fee program that directs funds to the Placer Land Trust, which then sets aside land.

### III. Air Quality

|                                                                                                                                                                                                                                                                                                     | Where Impact Was Analyzed in Prior Environmental Documents. | Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts? | Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts? | Any New Information Requiring New Analysis or Verification? | Prior Environmental Documents' Mitigation Measures Implemented or Addressing Impacts. |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------|---------------------------------------------------------------------------------------|
| a) Conflict with or obstruct implementation of the applicable air quality plan?                                                                                                                                                                                                                     | SVSP EIR Section 4.4                                        | No                                                                                        | No                                                                                            | No                                                          | None                                                                                  |
| b) Result in a cumulatively considerable net increase of any criteria for which the project region is non-attainment under an applicable federal or state ambient air quality standard?                                                                                                             | Same                                                        | No                                                                                        | No                                                                                            | No                                                          | SVSP EIR MM 4.4-1, MM 4.5-1, and MM 4.5-2                                             |
| c) Expose sensitive receptors to substantial pollutant concentrations?                                                                                                                                                                                                                              | Same                                                        | No                                                                                        | No                                                                                            | No                                                          | WMM 4.4-7 (a) <sup>2</sup>                                                            |
| d) Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?                                                                                                                                                                                   | Same                                                        | No                                                                                        | No                                                                                            | No                                                          | None                                                                                  |
| <b>Discussion:</b> a–b) The SVSP EIR concluded that standard dust control and other construction measures would be sufficient to avoid particulate matter and ozone precursor construction impacts, but that reactive organic gases would remain significant. Construction activity associated with |                                                             |                                                                                           |                                                                                               |                                                             |                                                                                       |

<sup>2</sup> The SVSP encompasses area that had been subject to program-level analysis in the West Roseville Specific Plan EIR. Mitigation measures from the West Roseville Specific Plan EIR that remained applicable were incorporated into the SVSP EIR and are denoted by a “WMM” label.



the proposed project remains consistent with or reduced from the scale of activity and resulting scope of impacts anticipated in the SVSP EIR. For operational impacts, the SVSP and EIR anticipated up to 1.4 million square feet of commercial development on Specific Plan Parcels DF-40, DF-41, and DF-42, which results in a Floor Area Ratio of approximately 0.4. The Floor Area Ratio is a measure of development intensity, and represents the amount of land area developed with buildings. A Floor Area Ratio of 0.4 means that 40% of a given area would be developed with buildings. The proposed project is part of a development known as Baseline Marketplace that will span all three parcels. The proposed project and previously approved Costco project would total 560,000 sf, which is less than the 750,000 square feet approved with the original Baseline Marketplace project and less than half of the 1.4 million square feet of the development intensity evaluated in the SVSP EIR. Therefore, the impacts of the project fall within the scope of the impacts and mitigation already established in the SVSP EIR, and therefore the SVSP EIR analysis remains adequate and applicable to the proposed project.

c) Toxic Air Contaminants (TACs) are typically generated by stationary sources like facilities using solvents and heavy industrial operations, but can also be generated by more common uses such as gas stations. The SVSP EIR found that development of the Specific Plan would include certain uses, such as gas stations, which could emit TACs, and determined that mitigation could reduce impacts to less than significant levels. The project includes the construction of a gas station consisting of 4 dispensers (total of 8 pumps) and a  $\pm 4,000$  square-foot freestanding building. A gasoline facility is a source of gasoline vapors that include TACs, primarily benzene. SVSP EIR Mitigation Measure WMM 4.4-7 (a) requires that proposed uses within the SVSP that could generate TACs demonstrate that the applicable health risk thresholds will not be exceeded by submitting an application for Authority to Construct (ATC) to the Placer County Air Pollution Control District (PCAPCD) prior to construction. A Health Risk Assessment (HRA) is required as part of the ATC permit application in order to confirm the potential cancer risk resulting from a project is within PCAPCD thresholds, and the ATC permit can be issued. Consistent with this mitigation, a project-specific HRA (Attachment 2), prepared by Kimley Horn (dated August 2025), is included as part of this Addendum. The HRA concludes the annual amount of gasoline dispensed from the facility will be below the significance threshold for cancer risk of 10 in one million. The HRA determined that the maximum cancer residential risk associated with the project would be .37 cancers/million, which is below the PCAPCD's significance threshold of 10 cancers/million. As no non-residential uses surround the Project site, the more conservative (longer exposure) residential risk was used rather than worker risk. Finally, the HRA determined that the acute health effects for residents would be .00473, which is below the PCAPCD's significance threshold of 1. Based on this evaluation, project impacts are less than significant. Mitigation Measure WMM 4.4-7(a) remains applicable to the project, to ensure an ATC permit is issued prior to construction.

d) The SVSP EIR found that development of the Specific Plan would not involve the long-term operation of any new sources of odor and that odors from construction activities would be short-term; therefore, impacts were found to be less than significant and no mitigation was required. Consistent with this analysis, while diesel fumes from construction equipment and delivery trucks are often found to be objectionable, construction is temporary and diesel emissions are minimal and regulated. Typical urban projects such as the proposed project do not result in substantial objectionable odors when operated in compliance with City Ordinances (e.g. proper trash disposal and storage). The Project is a typical urban development that lacks any characteristics that would cause the generation of substantial unpleasant odors. Thus, construction and operation of the proposed project would not result in the creation of objectionable odors affecting a substantial number of people. Therefore, the SVSP EIR analysis remains adequate and applicable, and impacts related to odors are less than significant.

**Mitigation Measures:** SVSP EIR Mitigation Measures **MM 4.4-1, MM 4.5-1, MM 4.5-2, and WMM 4.4-7(a)** were identified to reduce the impacts related to air quality to less than significant. These measures remain applicable to the proposed project.

#### IV. Biological Resources

|                                                                                                                                                                                                                                                                                                                 | Where Impact Was Analyzed in Prior Environmental Documents. | Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts? | Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts? | Any New Information Requiring New Analysis or Verification? | Prior Environmental Documents' Mitigation Measures Implemented or Addressing Impacts. |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------|---------------------------------------------------------------------------------------|
| a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service? | SVSP EIR Section 4.8                                        | No                                                                                        | No                                                                                            | No                                                          | SVSP EIR MM 4.8-1 to 4.8-7                                                            |
| b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies or regulations or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?                                                        | Same                                                        | No                                                                                        | No                                                                                            | No                                                          | SVSP EIR MM 4.8-4 to 4.8-7                                                            |
| c) Have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?                                                                                    | Same                                                        | No                                                                                        | No                                                                                            | No                                                          | SVSP EIR MM 4.8-1 to 4.8-7                                                            |
| d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?                                                                              | Same                                                        | No                                                                                        | No                                                                                            | No                                                          | SVSP EIR MM 4.8-4 to 4.8-7                                                            |

|                                                                                                                                                                                      |      |    |    |    |      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----|----|----|------|
| e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?                                                  | Same | No | No | No | None |
| f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan? | Same | No | No | No | None |

**Discussion:** Impacts to Biological Resources were adequately addressed in the SVSP EIR as it relates to the proposed project. There is no significant change in the proposed project that would change the environmental impact for this section. The SVSP EIR concluded development of the project area would impact wetlands on-site and could potentially impact special status species found in the area. The EIR concluded that the impact on Biological Resources would be less than significant with mitigation. Mitigation measures were adopted to reduce impacts to wetlands, vernal pool species, Swainson's hawk, burrowing owl, and other protected raptors nesting and foraging habitat to less-than-significant levels. As discussed in the Environmental Setting section, above, the project site has been rough-graded and regularly maintained through discing, and no wetlands, intact grasslands, or trees remain on the site to be impacted. The proposed project is within the scope of the development assumptions for the parcels created for commercial development with the SVSP. There is no significant change in the proposed project that would change the environmental impact for this section and the proposed project is located on properties already anticipated for development.

The mitigation measures adopted with certification of the SVSP EIR remain appropriate and no additional impacts will occur. EIR mitigation measures adopted for the purpose of avoiding or reducing impacts to special habitats (such as wetlands and grasslands) and their dependent species were implemented prior to rough grading of the site, and have been effectuated; these measures are no longer applicable. Mitigation measures which remain applicable are those requiring surveys for ground-nesting birds (MM 4.8-3) and avoiding light and glare into the Curry Creek open space (MM4.14-3). Impacts remain less than significant upon compliance with the applicable mitigation measures. The SVSP EIR analysis remains adequate and applicable to the proposed project.

**Mitigation Measures:** Effectuated mitigation measures which are no longer applicable are Mitigation Measure MM 4.8-1 (wetland permits and no net loss), MM 4.8-2 (relocate western spadefoot), MM 4.8-4 (preservation of grassland habitat), MM 4.8-5 (wildlife movement protection), MM 4.8-6 (habitat restoration), and MM 4.8-7 (off-site surveys for infrastructure). Mitigation Measures **MM 4.8-3** (protection for nesting birds) and **MM 4.14-3** (avoid light spill into Curry Creek open space) remain applicable to the proposed project, and will ensure impacts to biological resources remain less than significant.

**V. Cultural Resources**

|                                                                                                                      | Where Impact Was Analyzed in Prior Environmental Documents. | Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts? | Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts? | Any New Information Requiring New Analysis or Verification? | Prior Environmental Documents' Mitigation Measures Implemented or Addressing Impacts. |
|----------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------|---------------------------------------------------------------------------------------|
| a) Cause a substantial adverse change in the significance of an historic resource pursuant to in Section 15064.5?    | SVSP EIR Section 4.9                                        | No                                                                                        | No                                                                                            | No                                                          | None                                                                                  |
| b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to Section 15064.5? | Same                                                        | No                                                                                        | No                                                                                            | No                                                          | SVSP EIR MM 4.9-1 to 4.9-2                                                            |
| c) Disturb any human remains, including those interred outside of dedicated cemeteries?                              | Same                                                        | No                                                                                        | No                                                                                            | No                                                          | SVSP EIR MM 4.9-1 to 4.9-2                                                            |

**Discussion:** Impacts to cultural resources were adequately addressed in the SVSP EIR as it relates to the proposed project. There is no significant change in the proposed project that would change the environmental impact for this section. The SVSP EIR discussed the potential for subsurface remains or deposits to be found on the site, and included a mitigation measure requiring a cessation of work should any item of cultural interest be found. Surveys performed in the project area did not detect evidence of prehistoric archeological resources. However, the impact to cultural resources was found to be potentially significant and unavoidable because there is always the potential that resources could be encountered during grading. Though the project site has been rough-graded and no resources were found, there is still the possibility that further grading and site development could unearth resources. The mitigation measures requiring a cessation of work and consultation should resources be discovered remain applicable (MM 4.9-1 and MM 4.9-2). MM 4.9-3 requiring studies before construction of any offsite work is also applicable to any off-site work that may be needed. The proposed project is substantially consistent with the development assumptions of the SVSP EIR and would not increase the severity of already identified impacts. The SVSP EIR analysis remains adequate and applicable to the proposed project.

**Mitigation Measures:** Mitigation Measure **MM 4.9-1** (cease work and consult with archeologist) and **MM 4.9-2** (cease work and consult with paleontologist), and **MM 4.9-3** (conduct studies prior to offsite infrastructure construction) remain applicable to the proposed project.

## VI. Energy

|                                                                                                                                                                                   | Where Impact Was Analyzed in Prior Environmental Documents. | Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts? | Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts? | Any New Information Requiring New Analysis or Verification? | Prior Environmental Documents' Mitigation Measures Implemented or Addressing Impacts. |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------|---------------------------------------------------------------------------------------|
| a) Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation? | SVSP EIR Section 4.12.5                                     | No                                                                                        | No                                                                                            | No                                                          | None                                                                                  |
| b) Conflict with or obstruct a state or local plan for renewable energy or energy inefficiency?                                                                                   | SVSP EIR Section 4.12.5                                     | No                                                                                        | No                                                                                            | No                                                          | None                                                                                  |

**Discussion:** Impacts to energy resources were adequately addressed in the SVSP EIR as it relates to the proposed project, and were previously identified as less than significant. The SVSP EIR concluded that development and implementation of the SVSP would add land uses that would increase the demand for electrical services. However, Roseville Electric determined there were no constraints to providing a reliable energy source to serve the development proposed in the SVSP area. Electricity in the area is provided by Roseville Electric and natural gas is provided by Pacific Gas & Electric (PG&E). Impacts 4.12-5.1 and 4.12-5-2 in the SVSP EIR evaluated the potential for development of the SVSP to increase demands for electricity and natural gas and found these impacts to be less than significant.

The project includes development of an approximately 398,226 square foot commercial center. The project would consume energy both during project construction and during project operation. During construction, fossil fuels, electricity, and natural gas would be used by construction vehicles and equipment. However, the energy consumed during construction would be temporary, and would not represent a significant demand on available resources. There are no unusual project characteristics that would necessitate the use of construction equipment or methods that would be less energy-efficient or which would be wasteful.

The completed project would consume energy related to building operation, exterior lighting, landscape irrigation and maintenance, and vehicle trips to and from the use without any meaningful differences in energy use from the operations of permitted large format commercial uses analyzed in the SVSP EIR. In accordance with California Energy Code Title 24, the project would be required to meet the Building Energy Efficiency Standards. This includes standards for water and space heating and cooling equipment; insulation for doors, pipes, walls, and ceilings; and appliances, to name a few. The project would also be eligible for rebates and other financial incentives from both the electric and gas providers for the purchase of energy-efficient appliances and systems, which would further reduce the operational energy demand of the project. The project plans were distributed to both PG&E and Roseville Electric for comments, and was found to conform to the standards of both providers; energy supplies are available to serve the project.

The proposed project will not result in inefficient, wasteful, or unnecessary consumption of energy, nor would it conflict with or obstruct State or local plans for renewable energy or energy efficiency. The proposed uses are within the scope of the build out assumptions of the SVSP EIR and would not increase the severity of already identified significant impacts. The SVSP EIR analysis remains adequate and applicable to the proposed project.

**Mitigation Measures:** No mitigation measures are required for this Project.

## VII. Geology and Soils

|                                                                                                                                                                                                                                                                                           | Where Impact Was Analyzed in Prior Environmental Documents. | Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts? | Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts? | Any New Information Requiring New Analysis or Verification? | Prior Environmental Documents' Mitigation Measures Implemented or Addressing Impacts. |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------|---------------------------------------------------------------------------------------|
| a) Directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving:                                                                                                                                                            | SVSP EIR Section 4.7                                        | No                                                                                        | No                                                                                            | No                                                          | None                                                                                  |
| i) Ruptures of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? (Refer to Division of Mines and Geology Special Publication 42.) | Same                                                        | No                                                                                        | No                                                                                            | No                                                          | None                                                                                  |
| ii) Strong seismic ground shaking?                                                                                                                                                                                                                                                        | Same                                                        | No                                                                                        | No                                                                                            | No                                                          | None                                                                                  |
| iii) Seismic-related ground failure, including liquefaction?                                                                                                                                                                                                                              | Same                                                        | No                                                                                        | No                                                                                            | No                                                          | None                                                                                  |
| iv) Landslides?                                                                                                                                                                                                                                                                           | Same                                                        | No                                                                                        | No                                                                                            | No                                                          | None                                                                                  |
| b) Result in substantial soil erosion or the loss of topsoil?                                                                                                                                                                                                                             | Same                                                        | No                                                                                        | No                                                                                            | No                                                          | None                                                                                  |
| c) Be located in a geological unit or soil that is unstable, or that would become unstable as a result of the project,                                                                                                                                                                    | Same                                                        | No                                                                                        | No                                                                                            | No                                                          | None                                                                                  |

|                                                                                                                                                                                    |                                      |    |    |    |                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|----|----|----|-------------------|
| and potentially result in on or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?                                                                       |                                      |    |    |    |                   |
| d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property?                                   | Same                                 | No | No | No | None              |
| e) Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater? | Same                                 | No | No | No | None              |
| f) Directly or indirectly destroy a unique paleontological resource or site or unique geological feature?                                                                          | SVSP EIR Section 4.7 and Section 4.9 | No | No | No | SVSP EIR MM 4.9-2 |

**Discussion:** Impacts to geology and soils resources were adequately addressed in the SVSP EIR as it relates to the proposed project, and were previously identified as less than significant. The project is not expected to expose people or structures to potential substantial adverse effects involving seismic shaking, ground failure or landslides. The project site is located in Roseville, which is in Placer County. The California Department of Mines and Geology classifies the South Placer area as a low severity earthquake zone. No active faults are known to exist within the County. The project site is considered to have low seismic risk with respect to faulting, ground shaking, seismically related ground failure and liquefaction.

The SVSP EIR indicated that compliance with existing regulations and permit requirements would be sufficient to avoid impacts related to these issues. This conclusion remains appropriate for the proposed project because there is no new information indicating that geologic conditions are different than previously understood and the proposed project is within the development area anticipated in the SVSP EIR.

As discussed in the Cultural Resources section, though the project site has been rough-graded and no resources were found, there is still the possibility that further grading and site development could unearth resources. Should any evidence of paleontological resources (e.g. fossils) be encountered during grading or excavation, work shall be suspended within 100 feet of the find, and the City of Roseville shall be immediately notified. At that time, the City shall coordinate any necessary investigation of the site with a qualified paleontologist to assess the resource and provide proper management recommendations.

The proposed uses are substantially consistent with the build out assumptions of the SVSP EIR and would not increase the severity of already identified significant impacts. The SVSP EIR analysis remains adequate and applicable to the proposed project.

**Mitigation Measures:** MM 4.9-2 (cease work and consult with paleontologist) remains applicable to the proposed project.

## VIII. Greenhouse Gases

|                                                                                                                                   | Where Impact Was Analyzed in Prior Environmental Documents. | Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts? | Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts? | Any New Information Requiring New Analysis or Verification? | Prior Environmental Documents' Mitigation Measures Implemented or Addressing Impacts. |
|-----------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------|---------------------------------------------------------------------------------------|
| a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?       | SVSP EIR Section 4.5                                        | No                                                                                        | No                                                                                            | No                                                          | SVSP EIR MM 4.4-1, 4.5-1 and 4.5-2                                                    |
| b) Conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases? | Same                                                        | No                                                                                        | No                                                                                            | No                                                          | None                                                                                  |

**Discussion:** Impacts relating to greenhouse gases were adequately addressed in the SVSP EIR as it relates to the proposed project, and were previously identified as significant and unavoidable. The SVSP EIR quantified the greenhouse gas (GHG) emissions resulting from buildout and operation of the SVSP and concluded that the SVSP would cause significant and unavoidable impacts with respect to greenhouse gas (GHG) emissions. Mitigation measures were adopted to reduce the project's GHG emissions to the extent feasible. Construction activity associated with the proposed project remains consistent with the scale of activity and resulting scope of impacts anticipated in the SVSP EIR, as previously discussed in the Purpose and Scope of Addendum section. For operational impacts, GHG is primarily generated by building energy usage and vehicle travel. The proposed project is consistent with the General Plan land use designation and with the scale and intensity of development anticipated in the SVSP EIR, also as previously discussed in the Purpose and Scope of Addendum section. The proposed project includes less than half of the building square footage than was anticipated in the SVSP EIR and the California Building Code (CBC) requirements related to energy efficiency have become more stringent since publication of the EIR, and therefore GHG emissions related to building energy demands would be less than previously anticipated.

The City evaluated the proposed modifications to the Baseline Marketplace project in order to determine whether the project falls within the scope of vehicle-related GHG emissions anticipated in the SVSP EIR, first by examining the trip characteristics of the project and then by examining the expected trip lengths. The SVSP EIR transportation analysis accounted for the various uses (e.g. strip malls, small-scale retail, and large format retail) that make up the Community Commercial land use. In other words, the traffic analysis assumed and accounted for large anchor uses like Target and Home Depot that would generate a higher volume of traffic as well as smaller retail uses, which would generate a relatively smaller amount of traffic. The project is consistent with the uses evaluated in the SVSP EIR, and is consistent with the amount of trips an anchor retail use would have been projected to generate.

In addition, City staff examined the City of Roseville traffic model for this area. There are two Traffic Area Zones (TAZ 1319 and TAZ 1331) that make up the Baseline Marketplace project, which includes the Costco property. The two TAZ have a combined modeled capacity of 2,161 peak



hour trips. The entire Baseline Marketplace project, based on all previously approved and proposed uses, have 1,431 modeled peak hour trips based on the land use and building area proposed. This leaves 730 peak hour trips of unused capacity for future development within the small remaining undeveloped commercial parcels to the west of Costco. This translates to 297,000 square feet of undeveloped building potential based on the TAZs. This finding is consistent with the discussion in the Purpose and Scope of Addendum section, which noted that the SVSP EIR assumed a FAR of 0.40 for commercial uses, while the current and proposed project FAR is 0.16. The trip generation characteristics of the proposed project are well within the scope of the SVSP EIR transportation analysis.

In terms of trip lengths, the City developed analysis guidance and thresholds for VMT as part of the 2035 General Plan Update project approved in July 2020. The citywide VMT analysis was then used to model air quality and greenhouse gas impacts within the General Plan Update EIR. Consistent with the Office of Planning and Research Technical Advisory on Evaluating Transportation Impacts in CEQA, the analysis found that “local-serving” non-residential uses led to reductions in citywide VMT, because adding a local-serving center into an existing residential area simply re-routes existing travel from other – typically more distant – locations to a closer location. In other words, although a new commercial center will result in more trips arriving and departing from the project site, it will reduce the amount of travel (and therefore the amount of vehicle exhaust) in the City. Any non-residential use which improves “destination proximity” – that is, shortens the distance people must travel to reach a use such as the proposed use – is considered “local-serving.” The nearest existing Home Depot and Target stores to the project site are on Fairway Drive on the northern side of Roseville (over six miles away). Many other of the future businesses within the Baseline Marketplace project are also similar distances away. The proposed commercial center will significantly improve destination proximity, and therefore will reduce travel distances for residents on the western side of Roseville and in the areas of Placer County and Sacramento County south of the project site.

Based on the foregoing analysis, greenhouse gas emissions, from both the construction and operational phases, will result in impacts within the scope of those analyzed in the SVSP EIR and therefore the SVSP EIR analysis remains adequate and applicable to the proposed project. The project has incorporated the applicable requirements of SVSP EIR mitigation into the project design, and will comply with the required mitigation in the SVSP EIR.

**Mitigation Measures:** Mitigation Measures **MM 4.4-1** (construction emissions), **MM 4.5-1** (operational emissions), **MM 4.5-2** (greenhouse gas emissions) from the SVSP EIR remain applicable to the proposed project, and have been incorporated into the design of the project as appropriate.

**IX. Hazards and Hazardous Materials**

|                                                                                                                                                                                                                                                                                     | Where Impact Was Analyzed in Prior Environmental Documents. | Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts? | Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts? | Any New Information Requiring New Analysis or Verification? | Prior Environmental Documents' Mitigation Measures Implemented or Addressing Impacts. |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------|---------------------------------------------------------------------------------------|
| a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?                                                                                                                                             | SVSP EIR Section 4.10                                       | No                                                                                        | No                                                                                            | No                                                          | None                                                                                  |
| b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?                                                                                     | Same                                                        | No                                                                                        | No                                                                                            | No                                                          | SVSP EIR MM 4.10-1                                                                    |
| c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?                                                                                                                     | Same                                                        | No                                                                                        | No                                                                                            | No                                                          | None                                                                                  |
| d) Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?                                                      | Same                                                        | No                                                                                        | No                                                                                            | No                                                          | None                                                                                  |
| e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard or excessive noise for people residing or working in the project area? | Same                                                        | No                                                                                        | No                                                                                            | No                                                          | None                                                                                  |
| f) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?                                                                                                                                                           | Same                                                        | No                                                                                        | No                                                                                            | No                                                          | None                                                                                  |

|                                                                                                                                       |      |    |    |    |      |
|---------------------------------------------------------------------------------------------------------------------------------------|------|----|----|----|------|
| g) Expose people or structures either directly or indirectly to a significant risk of loss, injury or death involving wildland fires? | Same | No | No | No | None |
|---------------------------------------------------------------------------------------------------------------------------------------|------|----|----|----|------|

**Discussion:** Impacts related to hazards and hazardous materials were adequately addressed in the SVSP EIR as it relates to the proposed project, and were previously identified as less than significant with mitigation. The SVSP EIR includes a brief overview for each impact topic, concluding that compliance with existing federal, state, and local regulations regarding the use, transport and disposal of hazardous materials would ensure most impacts will be less than significant. The exception was for unknown soil contamination, as land which was used for agricultural purposes may include undiscovered, underground storage tanks or other contamination issues; mitigation for this was included. The project is not located on a site that is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5. The SVSP EIR analysis also found that there would be sufficient emergency services and facilities and that the area was not located within an airport land use plan or other aviation hazard area. These conclusions still fit for the proposed project, which is within the same development footprint.

Standard construction activities would require the use of hazardous materials such as fuels, oils, lubricants, glues, paints and paint thinners, soaps, bleach, and solvents. These are common household and commercial materials routinely used by both businesses and average members of the public. The materials only pose a hazard if they are improperly used, stored, or transported either through upset conditions (e.g. a vehicle accident) or mishandling. In addition to construction use, the operational project would result in the use of common hazardous materials as well, including bleach, solvents, and herbicides. Regulations pertaining to the transport of materials are codified in 49 Code of Federal Regulations 171–180, and transport regulations are enforced and monitored by the California Department of Transportation and by the California Highway Patrol. Specifications for storage on a construction site are contained in various regulations and codes, including the California Code of Regulations, the Uniform Fire Code, and the California Health and Safety Code. These same codes require that all hazardous materials be used and stored in the manner specified on the material packaging. Existing regulations and programs are sufficient to ensure that potential impacts as a result of the use or storage of hazardous materials are reduced to less than significant levels.

The California Department of Forestry and Fire Protection (CAL FIRE) is the state agency responsible for wildland fire protection and management. As part of that task, CAL FIRE maintains maps designating Wildland Fire Hazard Severity zones. The City is not located within a Very High Fire Hazard Severity Zone, and is not in a CAL FIRE responsibility area; fire suppression is entirely within local responsibility. The project site is in an urban area, and therefore would not expose people to any risk from wildland fire.

The proposed uses for the Baseline Marketplace site are small and large format retail and restaurants and are all typical uses found in the Community Commercial land use category. These uses are substantially consistent with the build out assumptions in the SVSP EIR, and will result in impacts consistent with the scope of those analyzed in the SVSP EIR and therefore the SVSP EIR analysis remains adequate and applicable to the proposed project.

**Mitigation Measures:** The SVSP EIR included a mitigation measure to address the low possibility that some contamination of soils still lingered due to past use of the land for agricultural purposes. The measure, Mitigation Measure **MM 4.10-1**, indicates that if evidence of contamination is observed (stained soils, unearthing of a tank, etc.) then proper testing and remediation is required, in coordination with the appropriate City Departments. This measure remains applicable to the project.

**X. Hydrology and Water Quality**

|                                                                                                                                                                                                                        | Where Impact Was Analyzed in Prior Environmental Documents. | Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts? | Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts? | Any New Information Requiring New Analysis or Verification? | Prior Environmental Documents' Mitigation Measures Implemented or Addressing Impacts. |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------|---------------------------------------------------------------------------------------|
| a) Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality?                                                                             | SVSP EIR Section 4.13                                       | No                                                                                        | No                                                                                            | No                                                          | SVSP EIR MM 4.13-1                                                                    |
| b) Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?                                  | Same                                                        | No                                                                                        | No                                                                                            | No                                                          | None                                                                                  |
| c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would: | Same                                                        | No                                                                                        | No                                                                                            | No                                                          | None                                                                                  |
| i) result in substantial erosion or siltation on or off-site;                                                                                                                                                          | Same                                                        | No                                                                                        | No                                                                                            | No                                                          | None                                                                                  |
| ii) substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site;                                                                                            | Same                                                        | No                                                                                        | No                                                                                            | No                                                          | None                                                                                  |
| iii) create or contribute runoff water which would exceed the capacity of existing or planned stormwater systems or provide substantial additional sources of polluted runoff; or                                      | Same                                                        | No                                                                                        | No                                                                                            | No                                                          | None                                                                                  |
| iv) impede or redirect flood flows?                                                                                                                                                                                    | Same                                                        | No                                                                                        | No                                                                                            | No                                                          | None                                                                                  |

|                                                                                                                                                                    |      |    |    |    |      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----|----|----|------|
| d) Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?                                            | Same | No | No | No | None |
| e) Expose people or structures to a significant risk of loss, injury or death involving flooding, including flooding as a result of the failure of a levee or dam? | Same | No | No | No | None |
| f) In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation?                                                                | Same | No | No | No | None |

**Discussion:** Impacts related to hydrology and water quality were adequately addressed in the SVSP EIR as it relates to the proposed project, and were previously identified as less than significant with mitigation. A Drainage and Storm Water Master Plan was prepared and approved by the City as part of the SVSP EIR. As noted in the EIR, the Drainage and Storm Water Master Plan demonstrated that the increases in impervious surfaces being caused by buildout of the SVSP would be offset by proposed drainage facilities and storm water improvements. The project is located adjacent to an open space preserve to the north, which contains Curry Creek and includes plans for drainage into a watershed located within the preserve from water quality basins on-site. The location and flow of this drainage is within the scope of what was anticipated in the SVSP EIR and Storm Water and Drainage Master Plan. The project would offset increases in peak flow and no development would occur within the 100-year floodplain area. With regard to storm water quality, the EIR notes that there are existing programs, regulations, and permits in place to ensure that the project would not have significant effects related to water pollution from construction or operation, though a mitigation measure is included to require compliance with these regulations.

The project is in an area of flat topography and is not near any large water bodies or dams/levees, so would not be subject to losses due to dam/levee failure, seiche, tsunami, or mudflow. The project falls within the development footprint of the SVSP, and does not result in any changes to the scope or scale of impacts, and the prior conclusions remain appropriate. Thus, the project is substantially consistent with the build out assumptions in the SVSP EIR, and will result in impacts consistent with the scope of those analyzed in the SVSP EIR and therefore the SVSP EIR analysis remains adequate and applicable to the proposed project.

**Mitigation Measures:** Mitigation Measure **MM 4.13-1** was included to require compliance with the City's stormwater quality standards, including preparation of a Storm Water Pollution Prevention Plan (SWPPP). This measure remains applicable to the proposed project.

**XI. Land Use and Planning**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Where Impact Was Analyzed in Prior Environmental Documents. | Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts? | Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts? | Any New Information Requiring New Analysis or Verification? | Prior Environmental Documents' Mitigation Measures Implemented or Addressing Impacts. |
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| a) Physically divide an established community?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | SVSP EIR Section 4.1                                        | No                                                                                        | No                                                                                            | No                                                          | None                                                                                  |
| b) Cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation of an agency adopted for the purpose of avoiding or mitigating an environmental effect?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                             | No                                                                                        | No                                                                                            | No                                                          | SVSP EIR MM 4.1-3, 4.6-1 and 4.6-2                                                    |
| <p><b>Discussion:</b> Impacts related to land use and planning were adequately addressed in the SVSP EIR as it relates to the proposed project, and were previously identified as less than significant with mitigation. The SVSP EIR concluded that there were some potential land use incompatibilities, but that these could be addressed by a mix of mitigation measures and compliance with the City Noise Ordinance and Grading Ordinance. The EIR concluded that all impacts of the SVSP could be reduced to less than significant levels with mitigation. The Baseline Marketplace project involves a commercial use, which is principally permitted in the General Commercial zone and Community Commercial designated land use parcel where the project is proposed. The same use types are proposed consistent with the buildout assumptions anticipated in the SVSP EIR, and therefore the conclusions of SVSP EIR remain applicable to the proposed project. The project is consistent with the policies of the Zoning Ordinance, SVSP, and the General Plan which are adopted for the purpose of avoiding environmental effects.</p> <p>The project area has been planned for development, including adequate roads, pedestrian paths, and bicycle paths to provide connections within the community. The project involves frontage improvements including new driveways, sidewalks, and pedestrian connections. As such, the project will not physically divide an established community.</p> <p>As described above, the project is substantially consistent with the build out assumptions in the SVSP EIR, and will result in impacts consistent with the scope of those analyzed in the SVSP EIR and therefore the SVSP EIR analysis remains adequate and applicable to the proposed project.</p> <p><b>Mitigation Measures:</b> Mitigation Measure <b>MM 4.6-1</b> (construction noise) and <b>MM 4.6-2</b> (commercial noise controls) are applied during construction, so remain applicable to the proposed project.</p> |                                                             |                                                                                           |                                                                                               |                                                             |                                                                                       |

**XII. Mineral Resources**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Where Impact Was Analyzed in Prior Environmental Documents. | Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts? | Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts? | Any New Information Requiring New Analysis or Verification? | Prior Environmental Documents' Mitigation Measures Implemented or Addressing Impacts. |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------|---------------------------------------------------------------------------------------|
| a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | SVSP EIR Section 4.7                                        | No                                                                                        | No                                                                                            | No                                                          | None                                                                                  |
| b) Result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Same                                                        | No                                                                                        | No                                                                                            | No                                                          | None                                                                                  |
| <p><b>Discussion:</b> Impacts related to mineral resources were adequately addressed in the SVSP EIR as it relates to the proposed project, and were previously identified as less than significant. The SVSP EIR indicated that there were no significant mineral resources in the area, and this finding remains accurate. Therefore, the project is substantially consistent with the build out assumptions in the SVSP EIR, and will result in impacts consistent with the scope of those analyzed in the SVSP EIR and therefore the SVSP EIR analysis remains adequate and applicable to the proposed project.</p> <p><b>Mitigation Measures:</b> None required for this Project.</p> |                                                             |                                                                                           |                                                                                               |                                                             |                                                                                       |



**XIII. Noise**

|                                                                                                                                                                                                                                                                                                           | Where Impact Was Analyzed in Prior Environmental Documents. | Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts? | Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts? | Any New Information Requiring New Analysis or Verification? | Prior Environmental Documents' Mitigation Measures Implemented or Addressing Impacts. |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------|---------------------------------------------------------------------------------------|
| a) Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?                                                         | SVSP EIR Section 4.6                                        | No                                                                                        | No                                                                                            | No                                                          | SVSP EIR MM 4.6-1                                                                     |
| b) Generation of excessive ground borne vibration of ground borne noise levels?                                                                                                                                                                                                                           | Same                                                        | No                                                                                        | No                                                                                            | No                                                          | SVSP EIR MM 4.6-1                                                                     |
| c) For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels? | Same                                                        | No                                                                                        | No                                                                                            | No                                                          | None                                                                                  |

**Discussion:** Impacts related to noise were adequately addressed in the SVSP EIR as it relates to the proposed project, and were previously identified as significant and unavoidable for temporary construction noise and increases in traffic noise outside the plan area. Construction noise in general was discussed, and addressed via mitigation. Noise was determined to be an impact for all of the major roadways in the SVSP area. Traffic-related noise levels expected in the year 2025 plus project were found to be significant and unavoidable.

The proposed Baseline Marketplace includes operation of a large format retail center, fuel station, and car wash, which is a principally permitted use on this parcel and are therefore substantially consistent with the build out assumptions in the SVSP EIR. Retail centers in general do not generate significant noise but can have noise impacts on nearby sensitive receptors in certain areas including loading docks. The nearest sensitive receptor to any loading docks for the project are the single-family homes north of San Fernando Rd. A noise study was completed by Rincon Consultants, Inc., which analyzed potential loading dock noise from the proposed Home Depot and Target stores on the northern portion of the project adjacent to San Fernando Rd. The closest edge of the loading dock area for Home Depot would be located approximately 180 feet from the nearest property line to the north and edge of the loading dock area for Target would be located approximately 190 feet from the nearest property line to the north. Noise from one loading dock is approximately 40 dBA Leq at 50 feet or 75 dBA Lmax at 50 feet (Placeworks 2012). Accounting for the noise reduction from the existing 6-foot wall along the residential property lines to the north of the proposed San Fernando Road, combined noise levels from all seven loadings docks combined would be approximately 31 dBA Leq or 58 dBA Lmax. This would be below the nighttime exterior noise level in the City of Roseville Municipal Code Section 9.24-100, of 45 dBA Leq or 65 dBA Lmax at the residential property line to the north. Therefore, impacts would not be more severe than those analyzed in the SVSP EIR.

As with the previously analyzed Costco project, there is a potential car wash proposed with this project along Baseline Road. Due to the nature of the carwash machinery, including the air dryers within the carwash tunnel, car washes can generate noise, depending on their proximity to residential uses or other sensitive noise receptors. The nearest sensitive receptors to the proposed car wash are the single-family homes south of Baseline Road. Noise analyses have found that car wash tunnels do not exceed 60 decibels beyond the immediate vicinity of the exit and entrance and only in the direction the openings are oriented. The project car wash tunnel has entrances facing east and west, which is not in the direction of the nearby sensitive receptors to the south.

Existing and future noise from Baseline Road was estimated to be approximately 66 db in the exiting plus SVSP project condition and 71.7 db at full buildout (at a point 100 feet from the centerline). As discussed in the Transportation section of this Environmental Checklist, the proposed project is within the scope of the transportation impacts analyzed in the SVSP EIR, and therefore would not result in new or increased impacts related to roadway noise.

The project is substantially consistent with the build out assumptions in the SVSP EIR, and will result in impacts consistent with the scope of those analyzed in the SVSP EIR and therefore the SVSP EIR analysis remains adequate and applicable to the proposed project.

**Mitigation Measures:** Mitigation Measure **MM 4.6-1** (construction noise), was applied in the SVSP EIR related to commercial and residential projects. Construction noise controls in the mitigation includes located fixed equipment away from noise sensitive uses and having a construction disturbance coordinator to address noise concerns. This mitigation measure remains applicable to the proposed project. **MM 4.4-1** (commercial

noise controls) was implemented with construction of the 6-foot tall masonry wall on the north side of San Fernando Rd. The applicant also proposes a masonry wall on the south side of San Fernando Rd. for further noise attenuation.

#### XIV. Population and Housing

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Where Impact Was Analyzed in Prior Environmental Documents. | Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts? | Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts? | Any New Information Requiring New Analysis or Verification? | Prior Environmental Documents Mitigation Measures Implemented or Addressing Impacts. |
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| a) Induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | SVSP EIR Section 4.2                                        | No                                                                                        | No                                                                                            | No                                                          | None                                                                                 |
| b) Displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Same                                                        | No                                                                                        | No                                                                                            | No                                                          | None                                                                                 |
| <p><b>Discussion:</b> Impacts related to population and housing were adequately addressed in the SVSP EIR as it relates to the proposed project, and were previously identified as significant and unavoidable for inducement of substantial population growth. The SVSP EIR indicated the SVSP would increase the number of housing units above those which had been anticipated in the General Plan, and analyzed the effect on supporting services, infrastructure, and other issues related to environmental impacts. It was concluded that impacts would be significant and unavoidable. The impact identified by the SVSP EIR was the result of adopting an urban land use plan over a non-urbanized area. The proposed project is currently within an urbanized area which is planned for such use, and does not include any housing units, consistent with the development assumptions for this parcel in the SVSP EIR. Therefore the project will not have a new or more severe impact related to unplanned population growth. No existing buildings or residents are present on the project site; therefore, no residences or communities would be displaced.</p> <p>The project is substantially consistent with the build out assumptions in the SVSP EIR, and will result in impacts consistent with the scope of those analyzed in the SVSP EIR and therefore the SVSP EIR analysis remains adequate and applicable to the proposed project.</p> <p><b>Mitigation Measures:</b> None required for this Project.</p> |                                                             |                                                                                           |                                                                                               |                                                             |                                                                                      |

**XV. Public Services**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Where Impact Was Analyzed in Prior Environmental Documents. | Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts? | Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts? | Any New Information Requiring New Analysis or Verification? | Prior Environmental Documents Mitigation Measures Implemented or Addressing Impacts. |
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| Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any the public services:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                             |                                                                                           |                                                                                               |                                                             |                                                                                      |
| a) Fire protection?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | SVSP EIR Section 4.11                                       | No                                                                                        | No                                                                                            | No                                                          | None                                                                                 |
| b) Police protection?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Same                                                        | No                                                                                        | No                                                                                            | No                                                          | None                                                                                 |
| c) Schools?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Same                                                        | No                                                                                        | No                                                                                            | No                                                          | None                                                                                 |
| d) Parks?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Same                                                        | No                                                                                        | No                                                                                            | No                                                          | None                                                                                 |
| e) Other public facilities?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Same                                                        | No                                                                                        | No                                                                                            | No                                                          | None                                                                                 |
| <p><b>Discussion:</b> Impacts related to public services were adequately addressed in the SVSP EIR as it relates to the proposed project, and were previously identified as less than significant. The SVSP EIR concluded that fire and police protection services, and other public services would not be negatively affected by the project. Existing City codes and regulations require adequate water pressure in the water lines, and construction must comply with the Uniform Fire and Building Codes used by the City of Roseville. Additionally, the applicant is required to pay a fire service construction tax, which is used for purchasing capital facilities for the Fire Department. Sales taxes and property taxes resulting from development will add revenue to the General Fund, which provides funding for police services. Existing codes, regulations, funding agreements, and facilities plans are sufficient to ensure less than significant impacts.</p> <p>An analysis of impacts to schools was included in the SVSP EIR, which concluded that two new elementary schools and one new intermediate school would be required in the project area. The high school students generated from the SVSP were assumed in the nearby high schools located outside the plan area. A portion of the SVSP is located within the Center School District and a portion is located within the Roseville</p> |                                                             |                                                                                           |                                                                                               |                                                             |                                                                                      |

City School District, though the current project area is entirely within the Center School District. This Baseline Marketplace project is commercial, will contain no housing units, and will therefore not create an increased demand for schools or have an impact on schools.

The developer will be required to pay fees into a Community Facilities District, which provides funding for park services. Future park and recreation sites and facilities have already been identified as part of the Specific Plan process. The City charges fees for end-users for other services, such as garbage and greenwaste collection, in order to fund those services. Existing codes, regulations, funding agreements, and facilities plans are sufficient to ensure less than significant impacts.

The project is substantially consistent with the build out assumptions in the SVSP EIR, and will result in impacts consistent with the scope of those analyzed in the SVSP EIR because no development beyond what was analyzed in the SVSEP EIR would occur and accordingly there would be no increased demand for services or need for construction of new facilities. Therefore, the SVSP EIR analysis remains adequate and applicable to the proposed project.

**Mitigation Measures:** None required for this Project.

## XVI. Recreation

|                                                                                                                                                                                                    | Where Impact Was Analyzed in Prior Environmental Documents. | Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts? | Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts? | Any New Information Requiring New Analysis or Verification? | Prior Environmental Documents Mitigation Measures Implemented or Addressing Impacts. |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------|--------------------------------------------------------------------------------------|
| a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that physical deterioration of the facility would occur or be accelerated? | SVSP EIR Section 4.11                                       | No                                                                                        | No                                                                                            | No                                                          | None                                                                                 |
| b) Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?            | Same                                                        | No                                                                                        | No                                                                                            | No                                                          | None                                                                                 |

**Discussion:** Impacts related to recreation were adequately addressed in the SVSP EIR as it relates to the proposed project, and were previously identified as less than significant. The SVSP indicates that the required parkland dedication was met by dedication of parkland and through payment of park dedication in-lieu fees. As noted in the EIR, the payment of Citywide and neighborhood park fees will be required, and the payment of fees combined with the dedication of parkland will ensure that impacts to park services are less than significant. As this is a commercial development, the project will not increase the number of residents anticipated for the SVSP nor decrease the amount of area dedicated to park and recreation uses; therefore, this conclusion remains applicable to the proposed project. Moreover, because the level of development is consistent with what was analyzed in the SVSP EIR, the project would not cause the need for construction of recreational facilities that might have an adverse effect on the environment beyond what was previously studied.

Given the foregoing, the project is substantially consistent with the build out assumptions in the SVSP EIR, and will result in impacts consistent with the scope of those analyzed in the SVSP EIR and therefore the SVSP EIR analysis remains adequate and applicable to the proposed project.

**Mitigation Measures:** None required for this Project.

## XVII. Transportation

|                                                                                                                                                                     | Where Impact Was Analyzed in Prior Environmental Documents. | Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts? | Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts? | Any New Information Requiring New Analysis or Verification? | Prior Environmental Documents Mitigation Measures Implemented or Addressing Impacts. |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------|--------------------------------------------------------------------------------------|
| a) Conflict with a program, plan, ordinance or policy addressing the circulation system, including transit, roadway, bicycle, and pedestrian facilities?            | SVSP EIR Section 4.3                                        | No                                                                                        | No                                                                                            | No                                                          | SVSP EIR MM 4.3-1 to 4.3-5                                                           |
| b) Conflict or be inconsistent with CEQA Guidelines Section 15064.3, subdivision (b)?                                                                               | n/a                                                         | No                                                                                        | No                                                                                            | No                                                          | None                                                                                 |
| c) Substantially increase hazards due to a geometric design feature(s) (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)? | SVSP EIR Section 4.3                                        | No                                                                                        | No                                                                                            | No                                                          | None                                                                                 |

|                                           |      |    |    |    |      |
|-------------------------------------------|------|----|----|----|------|
| d) Result in inadequate emergency access? | Same | No | No | No | None |
|-------------------------------------------|------|----|----|----|------|

**Discussion:** The SVSP EIR evaluated the traffic impacts to existing and future roadways from traffic being generated by the anticipated uses within the plan area. The EIR concluded that, with mitigation, impacts to City roadways would be less than significant. Impacts to adjacent agency roadways were identified as a significant and unavoidable impact, and mitigation to lessen the impact was adopted. These analyses were based upon the level of service criteria and metrics. Per changes in state law, level of service is no longer considered an impact under CEQA, such that this document need not further address the level of service impacts studied in the EIR. However, as discussed in the GHG evaluation above, the trips generated by the project are consistent with the SVSP EIR assumptions and thus the level of service conclusions in that EIR remain valid and unchanged. In accordance with the changes in the law adopted after the EIR was certified, wholly new CEQA documents must examine transportation impacts in terms of vehicle miles traveled (VMT). Though there is no requirement to consider VMT associated with the project given use of the existing EIR, the discussion below provides information as to the project's consistency with the VMT assumptions within the Climate Change and Greenhouse Gas Emissions chapter of the SVSP EIR and the General Plan Update (GPU) EIR.

Checklist item "b" focuses on Vehicle Miles Traveled (VMT). This was added to the checklist after publication of the SVSP EIR; However, the SVSP EIR did include quantification of VMT projected from Specific Plan implementation. The SVSP EIR's chapter regarding Climate Change and Greenhouse Gas Emissions included an estimate of greenhouse gas emissions that would be generated by the traffic associated with the operation of uses allowed under the SVSP at buildout. As discussed in the GHG evaluation, the trip generation associated with the project is well within the trips that were assumed as part of the SVSP. Because the project's proposed uses are also consistent with the uses allowed pursuant to the SVSP, the trip lengths associated with project trips would also be expected to mesh with the assumptions that were used to generate the original VMT analysis in the SVSP EIR. Therefore, VMT stemming from the project would be within the envelope of VMT set forth in the SVSP EIR, confirming that no new or more severe VMT impacts would result.

In addition, the GPU EIR used the Roseville travel forecasting model to estimate VMT for the City. The VMT data was then normalized to residents as a "per capita" rate. As described in the GPU EIR, and consistent with the VMT reductions in OPR's Technical Advisory on Evaluating Transportation Impacts in CEQA, the City has adopted a VMT significance threshold of 12.8 VMT/capita. This threshold represents a 15 percent reduction from baseline per capita VMT. The GPU EIR concluded that buildout of the remaining undeveloped areas of the City, consistent with General Plan land use designations and existing development agreements, would exceed the City's adopted threshold, resulting in a significant and unavoidable impact in both the constrained and unconstrained buildout scenarios.

As stated in the GPU EIR and pursuant to the tiering provisions of CEQA, projects that are consistent with the General Plan do not require further VMT analysis. Quantitative analyses are not required if it can be demonstrated that a project would generate VMT that is equivalent to or less than what was assumed in the GPU EIR.

The City developed analysis guidance and thresholds for VMT as part of the GPU EIR. As discussed in detail in the Greenhouse Gases section of this Environmental Checklist, consistent with the Office of Planning and Research Technical Advisory on Evaluating Transportation Impacts in CEQA, the analysis found that "local-serving" non-residential uses lead to reductions in citywide VMT because adding a local-serving center into an existing residential area simply re-routes existing travel from other – typically more distant – locations to a closer location. Any non-residential use which improves "destination proximity" – that is, shortens the distance people must travel to reach a use such as the proposed use – is considered "local-serving." Existing residents near the project site must currently travel approximately six miles to reach the nearest



Target or Home Depot, or five miles to reach the nearest other large-format discount store (e.g. Sam's Club). The proposed Costco will significantly improve destination proximity, and therefore will reduce travel distances for residents on the western side of Roseville and in the areas of Placer County and Sacramento County south of the project site.

City staff also examined the City of Roseville traffic model for this area to determine whether the project falls within the scope of development anticipated within the GPU EIR. As discussed in the Greenhouse Gases section above, City staff analysis concluded that the project trip generation is consistent with and below the amount of trips a commercial shopping center use would have been projected to generate. This finding is consistent with the discussion in the Purpose and Scope of Addendum section, which noted that the SVSP EIR assumed a FAR of 0.40 for commercial uses, while the project FAR is 0.16. The GPU EIR likewise assumed a FAR of 0.40 for commercial uses in this traffic area zone. Therefore, the GPU EIR analysis of VMT included more commercial trips than the proposed project will generate. Consequently, the project would not result in VMT impacts beyond those analyzed in the GPU EIR.

The proposed project has no impact on air traffic patterns, and does not present substantial safety risks. The project design does not introduce hazards such as sharp curves or dangerous intersections. The project has been reviewed by the City Engineering Division and City Fire Department staff, and has been found to be consistent with the City's Design Standards. Furthermore, standard conditions of approval added to all City project require compliance with Fire Codes and other design standards. Compliance with existing regulations ensure that impacts are less than significant.

The proposed use is within the scope of the development assumptions of the SVSP EIR and would not increase the severity of already identified significant impacts or cause new significant impacts not previously identified in the SVSP EIR relative to transportation. Thus, the SVSP EIR analysis remains adequate and applicable to the proposed project.

**Mitigation Measures:** Mitigation measures were included for each impacted facility (see SVSP EIR MM 4.3-1 to 4.3-5), but these measures have already been incorporated into the City's Capital Improvement Program and fee programs. The measures are no longer necessary to apply to individual projects, as a mechanism for their funding and construction is already implemented.

**XVIII. Tribal Cultural Resources**

|                                                                                                                                                                                                                                                                                                                                                                                                                         | Where Impact Was Analyzed in Prior Environmental Documents. | Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts? | Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts? | Any New Information Requiring New Analysis or Verification? | Prior Environmental Documents Mitigation Measures Implemented or Addressing Impacts. |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------|--------------------------------------------------------------------------------------|
| Would the project cause a substantial adverse change in the significance of a Tribal Cultural Resource as defined in Public Resources Code Section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:                           |                                                             |                                                                                           |                                                                                               |                                                             |                                                                                      |
| a) Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1(k)?                                                                                                                                                                                                                             | SVSP EIR Section 4.9                                        | No                                                                                        | No                                                                                            | No                                                          | None                                                                                 |
| b) A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1? In applying the criteria set forth in subdivision (c) of Public Resources Code Section 5024.1 the lead agency shall consider the significance of the resource to a California Native American tribe. | Same                                                        | No                                                                                        | No                                                                                            | No                                                          | None                                                                                 |

**Discussion:** Impacts related to tribal cultural resources were adequately addressed in the SVSP EIR as it relates to the proposed project, and were previously identified as less than significant. In addition to archeological resources, tribal cultural resources are also given particular treatment. Tribal cultural resources are defined in Public Resources Code Section 21074, as either 1) a site, feature, place, geographically-defined cultural landscape, sacred place, or object with cultural value to a California Native American Tribe, that is listed or eligible for listing on the California Register or Historical Resources, or on a local register of historical resources or as 2) a resource determined by the lead agency, supported by substantial evidence, to be significant according to the historical register criteria in Public Resources Code section 5024.1(c), and considering the significance of the resource to a California Native American Tribe. This section was added as a stand-alone section to the CEQA Guidelines after the publication of the prior environmental document to which this Addendum is attached, but were previously addressed as part of the Cultural Resources chapter of the EIRAs part of this project.

Given the forgoing, the project is substantially consistent with the build out assumptions in the SVSP EIR, and will result in impacts consistent with the scope of those analyzed in the SVSP EIR and therefore the SVSP EIR analysis remains adequate and applicable to the proposed project.

**Mitigation Measures:** Mitigation Measure **MM 4.9-1** (cease work and consult with archeologist) and **MM 4.9-2** (cease work and consult with paleontologist) remain applicable to the proposed project.

**XIX. Utilities and Service Systems**

|                                                                                                                                                                                                                                                                                      | Where Impact Was Analyzed in Prior Environmental Documents. | Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts? | Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts? | Any New Information Requiring New Analysis or Verification? | Prior Environmental Documents Mitigation Measures Implemented or Addressing Impacts. |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------|--------------------------------------------------------------------------------------|
| a) Require or result in the relocation or construction of new or expanded water, wastewater treatment or storm water drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects? | SVS EIR Section 4.12.1 & 4.12.3                             | No                                                                                        | No                                                                                            | No                                                          | None                                                                                 |
| b) Have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry, and multiple dry years?                                                                                                                           | SVSP EIR Section 4.12.1                                     | No                                                                                        | No                                                                                            | No                                                          | None                                                                                 |
| c) Result in a determination by the wastewater treatment provider which serves the project that it has adequate capacity to serve the project's projected demand in addition of the provider's existing commitments?                                                                 | SVSP EIR Section 4.12.3                                     | No                                                                                        | No                                                                                            | No                                                          | None                                                                                 |
| d) Generate solid waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?                                                                                              | SVSP EIR Section 4.12.4                                     | No                                                                                        | No                                                                                            | No                                                          | None                                                                                 |
| e) Comply with federal, state, and local management and reduction statutes and regulations related to solid waste?                                                                                                                                                                   | Same                                                        | No                                                                                        | No                                                                                            | No                                                          | None                                                                                 |

**Discussion:** Impacts related to utilities and service systems were adequately addressed in the SVSP EIR as it relates to the proposed project, and were previously identified as less than significant. The SVSP EIR addressed water demand for the plan area and determined there was adequate supply to meet the anticipated water demands from development of the plan area. The City's Environmental Utilities Department staff reviewed the proposed project and concluded there is sufficient water supply to meet the demands of the project. Therefore, the impact conclusions of the SVSP EIR with respect to water supply are still applicable to this project.

Development of the project area will require the construction of water lines and sewer lines and facilities, but these were previously identified through the infrastructure master plans developed for the SVSP. The project does not require any major changes or need for expanded facilities. Additionally, the project will have no effect on wastewater generation beyond that previously analyzed in the SVSP EIR. Environmental Utilities determined that the proposed project changes fell within the scope of the prior assessment. The SVSP EIR concluded that the Pleasant Grove Wastewater Treatment Plan was sized to accommodate flow from the plan area and that impacts would be less than significant. This conclusion remains applicable to the proposed project.

The SVSP EIR indicated that the Western Placer Waste Management Authority facilities would be used to dispose of solid waste, and that there was sufficient capacity to accept solid waste from the SVSP. Solid waste generation is based on population, and as the project will not change the estimated population for the plan area, the project falls within the scope of the prior analysis, and does not result in any new or expanded impacts to this previously-identified significant and unavoidable impact.

Given the forgoing, the project is substantially consistent with the build out assumptions in the SVSP EIR, and will result in impacts consistent with the scope of those analyzed in the SVSP EIR and therefore the SVSP EIR analysis remains adequate and applicable to the proposed project.

**Mitigation Measures:** **Mitigation Measures 4.12.4-1** (expand the landfill) and **4.12.4-2** (diversion of construction debris) were included to require payment of fees to be used for landfill expansion and to require a 50% reduction in the construction waste stream. The landfill expansion measure has already been implemented, as fees are already in place that will apply to the proposed project. The remaining measure regarding diversion of construction debris remains applicable, as it is a project-level measure that applies during construction.

**XX. Wildfire**

|                                                                                                                                                                                                                                                                                                                                                                                                                                         | Where Impact Was Analyzed in Prior Environmental Documents. | Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts? | Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts? | Any New Information Requiring New Analysis or Verification? | Prior Environmental Documents Mitigation Measures Implemented or Addressing Impacts. |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------|--------------------------------------------------------------------------------------|
| If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project:                                                                                                                                                                                                                                                                                                        |                                                             |                                                                                           |                                                                                               |                                                             |                                                                                      |
| a) Substantially impair an adopted emergency response plan or emergency evacuation plan?                                                                                                                                                                                                                                                                                                                                                | n/a                                                         | No                                                                                        | No                                                                                            | No                                                          | None                                                                                 |
| b) Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?                                                                                                                                                                                                                             | n/a                                                         | No                                                                                        | No                                                                                            | No                                                          | None                                                                                 |
| c) Require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?                                                                                                                                                                      | n/a                                                         | No                                                                                        | No                                                                                            | No                                                          | None                                                                                 |
| d) Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?                                                                                                                                                                                                                                                 | n/a                                                         | No                                                                                        | No                                                                                            | No                                                          | None                                                                                 |
| <b>Discussion:</b> The Wildfire section was added to the CEQA Guidelines after the publication of the prior environmental document to which this Addendum is attached. The California Department of Forestry and Fire Protection (CAL FIRE) is the state agency responsible for wildland fire protection and management. As part of that task, CAL FIRE maintains maps designating Wildland Fire Hazard Severity zones. The City is not |                                                             |                                                                                           |                                                                                               |                                                             |                                                                                      |

located within a Very High Fire Hazard Severity Zone, and is not in a CAL FIRE responsibility area; fire suppression is entirely within local responsibility. Checklist questions a—d above do not apply, because the project site is not within a Very High Fire Hazard Severity Zone and is not in a CAL FIRE responsibility area. Therefore, there would be no impact related to this criteria.

**Mitigation Measures:** None required for this Project.

## XXI. Mandatory Findings of Significance

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Where Impact Was Analyzed in Prior Environmental Documents. | Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts? | Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts? | Any New Information Requiring New Analysis or Verification? | Prior Environmental Documents Mitigation Measures Implemented or Addressing Impacts. |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------|--------------------------------------------------------------------------------------|
| a) Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of an endangered, threatened or rare species, or eliminate important examples of the major periods of California history or prehistory? | SVSP EIR                                                    | No                                                                                        | No                                                                                            | No                                                          | None                                                                                 |
| b) Does the project have impacts which are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects.)                                                                                                                              | SVSP EIR                                                    | No                                                                                        | No                                                                                            | No                                                          | None                                                                                 |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |    |    |    |      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----|----|----|------|
| c) Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | SVSP EIR | No | No | No | None |
| <b>Discussion:</b> Long term environmental goals are not impacted by the proposed project. The cumulative impacts do not deviate beyond what was contemplated in the SVSP EIR, and mitigation measures have already been incorporated. With implementation of the City's Mitigating Ordinances, Guidelines, and Standards and best management practices, mitigation measures described in this documentchapter, and permit conditions, the proposed project will not have a significant impact on the habitat of any plant or animal species. Based on the foregoing, the project does not have the potential to degrade the quality of the environment, substantially reduce the habitat of any wildlife species, or create adverse effects on human beings. Thus, pursuant to CEQA Guidelines section 15164, subdivision (a), the City finds that "none of the conditions described in Section 15162 calling for preparation of a subsequent FEIR have occurred" relative to the mandatory findings of significance. |          |    |    |    |      |



## **ENVIRONMENTAL DETERMINATION:**

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*In reviewing the site specific information provided for this project and acting as Lead Agency, the City of Roseville, Development Services Department, Planning Division has analyzed the potential environmental impacts created by this project and determined that the findings of CEQA Section 15162 concerning the decision not to prepare a subsequent EIR or negative declaration and the findings of CEQA Section 15164 concerning the decision to prepare an Addendum can be made. As supported by substantial evidence within the Addendum to the Sierra Vista Specific Plan EIR (2008032115, adopted on May 5, 2010), the Lead Agency makes the following findings:*

[ X ] No substantial changes are proposed in the project which would require major revisions of the previous EIR or Mitigated Negative Declaration.

[ X ] No substantial changes have occurred with respect to the circumstances under which the project is undertaken.

[ X ] There is no new information of substantial importance which was not known and could not have been known with the exercise of due diligence at the time the previous EIR was certified as complete or the Mitigated Negative Declaration was adopted.

[ X ] Only minor technical changes or additions are necessary in order to deem the adopted environmental document adequate.

Addendum Prepared by:



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Sean Morales, Associate Planner  
City of Roseville, Development Services–Planning Division

## **Attachments:**

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1. SVSP Applicable Mitigation Measures
2. Rincon Consultants Noise Study
3. Kimley Horn Health Risk Assessment

TABLE OF APPLICABLE MITIGATION MEASURES

| Mitigation Measure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Implementation                                                                                                                                                                                                                      | Timing                                                                                                                              | Reviewing Party | Documents to be Submitted to City                  | Staff Use Only |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|-----------------|----------------------------------------------------|----------------|
| <p><b>MM 4.4-1 Dust and Construction Control Measures</b></p> <p>In accordance with the PCAPCD, the applicant shall comply with all applicable rules and regulations as listed above (e.g., Rule 202, 218 and 228). In addition, at the time of tentative map the applicant(s) shall implement a minimum of five (5) of the following measures unless superseded by state or other more stringent standards:</p> <p>The following mitigation measures shall be implemented to reduce short-term construction-related air quality impacts. In addition, dust control measures are required to be implemented by all projects in accordance with the City of Roseville Grading Ordinance, and the PCAPCD Fugitive Dust Rule 228.</p> <ul style="list-style-type: none"> <li>Applicant shall submit to PCAPCD a Construction Emission / Dust Control Plan within 30 days prior to groundbreaking. If the PCAPCD does not respond within 20 days, the plan shall be considered approved. The plan must address the minimum requirements found in section 300 and 400 of District Rule 228, Fugitive Dust (<a href="http://www.placer.ca.gov/airpollution/airpolut.htm">www.placer.ca.gov/airpollution/airpolut.htm</a>). The applicant shall keep a hard or electronic copy of Rule 228, Fugitive Dust on-site for reference.</li> <li>The Construction Emission/Dust Control Plan shall include a comprehensive inventory (i.e. make, model, year, emission rating) of all heavy-duty off-road equipment (50 horsepower (HP) or greater) that will be used an aggregate of 40 or more hours for the construction project. If any new equipment is added after submission of the inventory, the prime contractor shall the prime contractor shall contact the APCD prior to the new equipment being utilized. The project representative shall provide PCAPCD with the anticipated construction timeline including start date, and name and phone number of the project manager and on-site foreman. The plan shall demonstrate that the heavy-duty (&gt; 50 HP) off-road vehicles to be used in the construction project, including owned, leased and subcontractor vehicles, will achieve a project wide fleet-average 20% NO<sub>x</sub> reduction and 45% particulate reduction compared to the most recent ARB fleet average. PCAPCD shall be contacted for average fleet emission data. Acceptable options for reducing emissions may include use of late model engines, low-emission diesel products, alternative fuels, engine retrofit technology, after-treatment products, and/or other options as they become available. Contractors can access the Sacramento Metropolitan Air Quality Management District's web site to determine if their off-road fleet meets the requirements listed in this measure (<a href="http://www.airquality.org/ceqa/Construction_Mitigation_Calculator.xls">http://www.airquality.org/ceqa/Construction_Mitigation_Calculator.xls</a>).</li> </ul> <p>The following measures are also included to reduce construction-related ROG, NO<sub>x</sub>, PM<sub>10</sub> and PM<sub>2.5</sub> emissions:</p> <ul style="list-style-type: none"> <li>All construction equipment shall be maintained in good operating condition. Contractor shall ensure that all construction equipment is being properly serviced and maintained as per the manufacturer's specifications. Maintenance records shall be available at the construction site for verification. This measure will reduce combustion emissions of all criteria air pollutants.</li> <li>Prior to the issuance of any grading permits, all applicants shall submit construction plans denoting the proposed schedule and projected equipment use. Construction contractors shall provide evidence that low emission mobile construction will be used, or that their use was investigated and found to be infeasible for the project. Low emission equipment is defined as meeting the California Air Resources Board's Tier III standards. Contractors shall also conform to any construction measures imposed by the PCAPCD as well as City Planning Staff. This measure will primarily reduce ROG, NO<sub>x</sub>, PM<sub>10</sub>, and PM<sub>2.5</sub> exhaust emissions.</li> </ul> | <p>The applicants shall submit construction management plans as part of the Grading Permit application.</p> <p>Engineering will review plans for inclusion of these measures prior to issuance of permits or approval of plans.</p> | <p><i>Pre-Construction:</i> Prior to issuance of Grading Permits or Improvement Plans.</p> <p>Add as note on Improvement Plans.</p> | Engineering     | Dust Control Plan and proof of submittal to PCAPCD |                |

- Paints and coating shall be applied either by hand or by high volume, low-pressure spray. This measure will reduce evaporative ROG emissions.
  - All construction shall comply with the following measures to reduce fugitive dust related emissions of PM10 and PM2.5:
    - Maintain a minimum 24-inch freeboard on soil haul trucks or cover payloads using tarps or other suitable means.
    - Suspend grading operations during high winds (greater than 15 mph).
    - Sweep streets as necessary if silt is carried off-site to adjacent public thoroughfares or occurs as a result of hauling.
    - Dispose of surplus excavated material in accordance with local ordinances and use sound engineering practices.
    - Schedule activities to minimize the amounts of exposed excavated soil during and after the end of work periods.
    - Phase grading into smaller areas to prevent the susceptibility of larger areas to erosion over extended periods of time.
    - Pave or apply gravel to any on-site haul roads.
    - Reestablish ground cover on the construction site through seeding and water.
    - Clean earth moving construction equipment with water or sweep clean, once per day, or as necessary (e.g., when moving onsite), consistent with National Pollutant Discharge Elimination System Best Management Practices and the Roseville Grading Ordinance. Water shall be applied to control dust as needed to prevent dust impacts offsite. Operational water truck(s), shall be on-site, as required, to control fugitive dust. Construction vehicles leaving the site shall be cleaned, as needed, to prevent dust, silt, mud, and dirt from being released or tracked off-site.
    - Spread soil binders on unpaved roads and employee/equipment parking areas. Soil binders shall be non-toxic in accordance with state and local regulations. Apply approved chemical soil stabilizers, or vegetated mats, etc. according to manufacturers' specifications, to all inactive construction areas (previously graded areas which remain inactive for 96 hours).
    - Minimize diesel idling time to a maximum of five minutes.
    - Utilize existing power sources (e.g., power poles) or clean fuel generators rather than temporary diesel power generators, if feasible.
    - An applicant representative, ARB-certified to perform Visible Emissions Evaluations (VEE), shall routinely (i.e., once per week) evaluate project related off-road and heavy-duty on-road equipment emissions for compliance with this requirement for projects grading more than 20 acres in size, regardless of how many acres are to be disturbed daily.
    - Construction equipment exhaust emissions shall not exceed the PCAPCD Visible Emissions Rule 202. Fugitive dust is not to exceed 40% opacity and not go beyond property boundary at any time. Operators of vehicles and equipment found to exceed opacity limits are to be immediately notified and the equipment must be repaired within 72 hours.
- The following measures will be required:
1. Include the following standard note on the Improvement/Grading Plan: *If required by the Public Works Department, the contractor shall hold a pre-construction meeting prior to grading activities. The contractor shall invite the Placer County APCD to the pre-construction meeting in order to discuss the construction emission/dust control plan with employees and/or contractors.*
  2. Prior to building permit approval, the applicant shall show, on the plans submitted to the Building Department, that electrical outlets shall be installed on the exterior walls of both the front and back of all residences or all commercial buildings to promote the use of electric landscape maintenance equipment.
  3. Prior to building permit approval, the applicant shall show, on the plans submitted to the Building Department, provisions for construction of new residences, and where natural gas is available, the installation of a gas outlet for use with outdoor cooking appliances, such as a gas barbecue or outdoor recreational fire pits.
  4. Prior to building permit approval, in accordance with District Rule 225, only U.S. EPA Phase II certified wood burning devices shall be allowed in single-family residences. The emission potential from each residence shall not exceed a cumulative total of 7.5 grams per hour for

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| <p>all devices. Masonry fireplaces shall have either an EPA certified Phase II wood burning device or shall be a U.L. Listed Decorative Gas Appliance. (Rule 225)</p> <p>5. Wood burning or Pellet appliances shall not be permitted in multi-family developments. Only natural gas or propane fired fireplace appliances are permitted. These appliances shall be clearly delineated on the Floor Plans submitted in conjunction with the Building Permit application. (Rule 225 / section 302.2)</p> <p>6. Prior to the issuance of a Building Permit, the applicant shall show that all flat roofs with parapets shall include a white or silver cap sheet to reduce energy demands.</p> <p>7. Diesel trucks shall be prohibited from idling more than five minutes. Prior to the issuance of a Building Permit, the applicant shall show that all truck loading and unloading docks shall be equipped with one 110/208 volt power outlet for every two dock doors. Diesel Trucks idling for more than five minutes shall be required to connect to the 110/208 volt power to run any auxiliary equipment. 2'x3' signage which indicates "Diesel engine Idling Limited to a Maximum of 5 Minutes" shall be shown on the building elevations and shall be submitted to the Placer County APCD prior to the issuance of Building Permits for the project.</p> <p>8. Prior to approval of Improvement Plans, an enforcement plan shall be established, and submitted to the APCD for review, in order to evaluate project-related on-and-off- road heavy-duty vehicle engine emission opacities on a weekly basis, using standards as defined in California Code of Regulations, Title 13, Sections 2180 – 2194. An Environmental Coordinator, hired by the prime contractor or property owner, and who is CARB-certified to perform Visible Emissions Evaluations (VEE), shall routinely evaluate project related off-road and heavy duty on-road equipment emissions for compliance with this requirement. Operators of vehicles and equipment found to exceed opacity limits will be notified by APCD and the equipment must be repaired within 72 hours. (California Code of Regulations, Title 13, Sections 2180 – 2194)</p> <p><i>The project shall comply with all applicable Placer County Air Pollution Control District rules and regulations, and shall obtain applicable permits and/or clearances from the District prior to the start of construction.</i></p> <ul style="list-style-type: none"><li>• The contractor shall use CARB ultra-low sulfur diesel fuel for all diesel-powered equipment. In addition, low sulfur fuel shall be utilized for all stationary equipment. (California Standards for Motor Vehicle Diesel Fuel, title 13, article 4.8, chapter 9, California Code of Regulations).</li><li>• Processes that discharge 2 pounds per day or more of air contaminants, as defined by Health and Safety Code Section 39013, to the atmosphere may require a permit. Permits are required for both construction and operation. Developers/contractors should contact the District prior to construction and obtain any necessary permits prior to the issuance of a Building Permit. (Rule 501)</li><li>• Pursuant to the Placer County Air Pollution Control District Rule 501, General Permit Requirements, the proposed project may need a permit from the District prior to construction. In general, any engine greater than 50 brake horsepower or any boiler with heat greater than 1,000,000 Btu per hour shall require a permit issued by the District. (Rule 501)</li><li>• All on-site stationary equipment which is classified as 50 hp or greater shall either obtain a state issued portable equipment permit or a Placer County APCD issued portable equipment permit. (California Portable Equipment Registration Program, Section 2452).</li><li>• The contractor shall utilize existing power sources (e.g., power poles) or clean fuel generators rather than temporary diesel power generators if feasible.</li><li>• During construction, the contractor shall minimize idling time to a maximum of 5 minutes for all diesel powered equipment.</li><li>• During construction, traffic speeds on all unpaved surfaces shall be limited to 15 miles per hour or less. (Rule 228 / section 401.2)</li></ul> |                                                                                                                                                                                                                                                      |                                                                                                                                  |                                                                                                           |  |  |
| <p><b>MM 4.5-1 Air Quality Measures</b></p> <p>Implementation of the Air Quality Mitigation Measures listed in Section 4.3 Air Quality would reduce operational and construction-related emissions of criteria air pollutants and precursors, and would also act to reduce GHG emissions associated with project construction and operation. Mitigation Measure 4.4-1 found in the Air Quality section of this EIR, is relevant to impact 4.5-1 because both criteria air pollutant and GHG emissions are frequently associated with combustion byproducts. In addition, the City shall implement the following measures to reduce direct and indirect GHG</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <p>The applicants shall submit construction management plans as part of the Grading Permit application. The Public Works Director shall review grading plans for inclusion of these measures prior to issuance of grading permits. The City Code</p> | <p><i>Pre-Construction:</i> Prior to issuance of Grading Permits. <b>Add as note on Improvement Plans and Building Plans</b></p> | <p>Director of Public Works shall ensure that dust and construction-control measures are implemented.</p> |  |  |

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| <p>emissions associated with the proposed project. Certain measures would already be components of the project (i.e., Specific Plan policies, design guidelines and standards), and/or would be applied consistent with the City's General Plan Policies, addressing GHG emissions and climate change, but are provided here for purposes of completeness.</p> <p><b>MM 4.5-2 Additional Measures to Reduce GHG Emissions</b></p> <p>For each new development within the project site requiring a discretionary approval (e.g., tentative subdivision map, conditional use permit), the City shall impose mitigation measures that reduce GHG emissions to the extent feasible and to the extent appropriate with respect to the state's progress at the time toward meeting GHG emissions reductions required by the California Global Warming Solutions Act of 2006 (AB 32). The City shall require feasible reduction measures that, in combination with existing and future regulatory measures developed under AB 32, will reduce GHG emissions associated with the operation of developments and supporting infrastructure that are part of the proposed project by 30% from business-as-usual emissions levels projected for 2025, if feasible.</p> | <p>Enforcement Officer shall respond to complaints. In addition, plans will be reviewed by the Placer County Air Pollution Control District for compliance with their rules and regulations.</p> |                                                                                                                        |                                 |             |  |
| <p><b>MM 4.14-1 Site Lighting to Minimize Nuisance</b></p> <p>Light producing uses, such as ball fields, within the SVSP Area shall be located and oriented to minimize visual impacts on adjacent residential areas. Lighting should be shielded and designed to distribute light in the most effective and efficient manner, using the minimum amount of light to achieve the necessary illumination for the use, as defined by suggested lighting standards for competitive play.</p> <p><b>MM 4.14-2 Use Low Glare Materials</b></p> <p>In order to reduce the effects of daytime glare from development of commercial or office uses within the SVSP Area, building developers should make use, when feasible, of low-glare materials.</p> <p><b>MM 4.14-3 Avoid Light Spill Over into Curry Creek and Open Space Areas</b></p> <p>Outdoor lighting shall be placed, designed and directed so as to avoid light spillover into the habitat of Curry Creek and the Open Space Preserve areas located immediately adjacent to the open space, as shown on the Land Use Map as parcels KT-1, KT-40, KT-30, KT-41, DF-1, DF-2, DF-40, CG-1, CG-82m JM-21, JM-3, and JM-4.</p>                                                                             | <p>Comply with the measure</p>                                                                                                                                                                   | <p><i>Pre-Construction:</i> Ensure fixtures shown on Improvement Plans and Building Plans comply with the measure.</p> | <p>Engineering and Building</p> | <p>None</p> |  |

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| <b>MM 4.6-1 Construction Noise Reduction</b><br><b>MM 4.6-1(a):</b> Construction activities shall comply with the requirements of the City of Roseville Noise Ordinance.<br><b>MM4.6-1(b):</b> Locate fixed construction equipment such as compressors and generators as far as possible from sensitive receptors. Shroud or shield all impact tools, and muffle or shield all in-take and exhaust ports on power construction equipment.<br><b>MM 4.6-1(c):</b> Designate a construction disturbance coordinator and conspicuously post the Coordinator's contact information around the project site and in adjacent public spaces. The disturbance coordinator will receive all public complaints about construction noise disturbances, and will be responsible for determining the cause of the complaint, and implementing any feasible measures to be taken to alleviate the problem.<br><b>MM 4.6-1(d):</b> Well drilling shall occur prior to construction of the adjacent subdivision, to the extent feasible. If construction timing for the wells occurs after subdivision construction, then measures to reduce noise shall include; hanging flexible sound control curtains around the drilling apparatus, and the drill rig, to the degree feasible, as determined by the Environmental Utilities Director, if located within 1,000-feet of an occupied residence. | Discuss during pre-construction meeting and comply with the measure.                              | <i>Pre-Construction and Construction:</i> During construction for MM 4.6-1(d), and prior to issuance of Improvement Plans and/or Building Permits for all others.<br><br>Add as note on Improvement Plans and Building Plans | <u>Engineering</u> staff to discuss this measure during pre-construction meeting and ensure posting has occurred.<br><br><u>Environmental Utilities</u> to address well drilling. | None |  |
| <b>MM 4.6-2 Commercial Noise Controls</b><br>For all commercial uses within 150 feet of residential uses, the developer shall implement the following or equally effective measures: In general, where commercial land uses adjoin residential property lines, the following measures should be included in the design of the commercial use. If the primary noise sources are parking lot noise, HVAC equipment and light truck deliveries, then 6-7 foot tall masonry walls shall be constructed to provide adequate isolation of parking lot and delivery truck activities. HVAC equipment shall be located either at ground level, or when located on roof-tops the building facades shall include parapets for shielding.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | The Planning Department shall review development proposals to ensure that the uses are compatible | <i>Prior to issuance of Building Permits</i>                                                                                                                                                                                 | The Planning Director shall review all commercial plans and ensure that appropriate measures are implemented.                                                                     |      |  |



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| <p><b>MM 4.8-3      Avoid Nesting Sites</b></p> <p>To ensure that fully protected bird and raptor species are not injured or disturbed by construction in the vicinity of nesting habitat, the project applicant shall implement the following measures:</p> <p><i>Raptors</i></p> <p>a) When feasible, all tree removal shall occur between August 30th and February 15<sup>th</sup> to avoid the breeding season of any raptor species that could be using the area, and to discourage hawks from nesting in the vicinity of an upcoming construction area.</p> <p>b) For Swainson's hawk, if avoidance of tree removal outside the breeding season is not feasible, and a nest is present, the applicants would be required to obtain a 2081 permit from CDFG to mitigate for potential “take” under CESA. If no nesting is occurring, a take permit would not be required.</p> <p>c) Prior to the beginning of mass grading, including grading for major infrastructure improvements, during the period between February 15<sup>th</sup> and August 30<sup>th</sup>, all trees and potential burrowing owl habitat within 350 feet of any grading or earthmoving activity shall be surveyed for active raptor nests or burrows by a qualified biologist no more than 30-days prior to disturbance. If active raptor nests or burrows are found, and the site is within 350-feet of potential construction activity, a highly visible temporary fence shall be erected around the tree or burrow(s) at a distance of up to 350-feet, depending on the species, from the edge of the canopy to prevent construction disturbance and intrusions on the nest area.</p> <p>d) Preconstruction and non-breeding season exclusion measures shall be developed in consultation with CDFG, and shall preclude burrowing owl occupation of the portions of the project site subject to disturbance such as grading. Burrowing owls may be passively excluded from burrows in construction areas by placing one-way doors in the burrows according to CDFG protocol. The one-way doors must be in place for a minimum of three days. All burrows that may be occupied by burrowing owls regardless of whether they exhibit signs of occupation must be cleared with the one way doors. Burrows that have been cleared through the use of the one-way doors shall then be closed or backfilled to prevent owls from entering the burrow.</p> <p>e) No construction vehicles shall be permitted within restricted areas (i.e., raptor protection zones) unless directly related to the management or protection of the legally protected species.</p> <p>f) If a legally protected species nest is located in a tree designated for removal, the removal shall be deferred until after August 30<sup>th</sup> or until the adults and young of the year are no longer dependent on the nest site as determined by a qualified biologist.</p> <p><i>Black Rails and Tri-colored Blackbirds</i></p> <p>Prior to earth moving that would disturb marsh habitat, a qualified biologist shall conduct surveys to determine the presence of the California black rail. If either of these species is found, all earth moving within 250 feet shall stop and measures, including establishing nest protection buffers along both sides of Curry Creek during the nesting season (generally February 1 through August 31<sup>st</sup>) shall be implemented.</p> <p><i>Rookeries</i></p> <p>No heron rookeries are present within the plan area. Prior to earthmoving that would disturb marsh habitat or tree removal of the eucalyptus grove, pre-construction surveys should be conducted to verify that no rookeries have been established. If rookeries are present all earth moving within 250-feet shall stop, during the breeding season.</p> | <p>Results of preconstruction surveys shall be submitted prior to the issuance of a grading permit or Improvement Plans. Applicable construction restrictions shall be reflected within plans. The applicants shall prepare annual reports on the status and success of mitigation and shall submit these reports to USFWS and CDFG. The applicants shall coordinate with USFWS and CDFG to modify as necessary any mitigation plans in an effort to attain mitigation success.</p> | <p><i>Pre-Construction and Construction:</i> Surveys required prior to construction. If surveys are positive for birds, then remainder of mitigation steps are required prior to construction.</p> <p>Add as note on Improvement Plans.</p> | <p>Engineering</p> | <p>Nesting bird surveys</p> |  |
| <p><b>MM 4.13-1 Implementation of construction activity stormwater protection standards</b></p> <p>Prior to the issuance of a City grading permit and the commencement of construction activities, compliance with the State’s General Construction permit, the City of Roseville’s Construction Standards, and the City’s Stormwater BMP Guidance Manual will be met. This includes the creation of a Storm Water Pollution Prevention Plan (SWPPP) that will identify the site, the location of sensitive habitats or watercourses, drainage areas, discharge locations, soil disturbance areas, and the locations of all runoff, erosion control, and sediment control Best Management Practices (BMPs). On-going monitoring and adjustments to the SWPPP will occur when needed to address changes in the field as construction activities evolve.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <p>The developer shall create a SWPPP, submit it to the City, and comply with its provisions.</p>                                                                                                                                                                                                                                                                                                                                                                                   | <p><i>Pre-Construction and Construction:</i> Submit SWPPP and ensure that BMPs remain in place during construction.</p> <p>Add as note on Improvement Plans and Building Plans.</p>                                                         | <p>Engineering</p> | <p>SWPPP</p>                |  |



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| <p><b>MM 4.9-1 Cease Work and Consult with Qualified Archaeologist</b></p> <p>Should any cultural resources, such as structural features, any amount of bone or shell, artifacts, human remains, or architectural remains, be encountered during any subsurface development activities, work shall be suspended within 100-feet of the find. The City of Roseville Planning and Public Works Staff shall be immediately notified. At that time, the City of Roseville shall coordinate any necessary investigation of the site with qualified archaeologists as needed, to assess the resource (i.e., whether it is an “historical resource” or a “unique archaeological resource”) and provide proper management recommendations should potential impacts to the resources be found to be significant. Possible management recommendations for important resources could include resource avoidance or, where avoidance is infeasible in light of project design or layout or is unnecessary to avoid significant effects, data recovery excavations. The contractor shall implement any measures deemed feasible and necessary by City staff, in consultation with the archaeologists, to be to avoid or minimize significant effects to the cultural resources. In addition, pursuant to Section 5097.98 or the State Public Resources Code, and Section 7050.5 of the State Health and Safety Code, in the event of the discovery of human remains, the County Coroner shall be immediately notified. If the remains are determined to be Native American, guidelines of the Native American Heritage Commission shall be adhered to in the treatment and disposition of the remains.</p> | <p>This condition shall be reflected in all construction and building plans, and construction site workers shall be advised by the site manager of this measure.</p>                                  | <p><i>Construction:</i> Measure applies if resources are discovered during construction.</p> <p>Add as note on Improvement Plans and Building Plans.</p>           | <p>Engineering and Building</p> | <p>None</p>                                                    |  |
| <p><b>Mitigation Measure 4.9-2 Cease Work and Consult with Qualified Paleontologist</b></p> <p>Should any evidence of paleontological resources (e.g. fossils) be encountered during grading or excavation, work shall be suspended within 100 feet of the find, and the City of Roseville shall be immediately notified. At that time, the City shall coordinate any necessary investigation of the site with a qualified paleontologist to assess the resource and provide proper management recommendations. Possible management recommendations for important resources could include resource avoidance, if feasible in light of project design or layout, or data recovery excavations. The contractor shall implement any measures deemed feasible and necessary by City staff in consultation with the paleontologist for the protection of the paleontological resources.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <p>This condition shall be reflected in all construction and building plans, and construction site workers shall be advised by the site manager of this measure.</p>                                  | <p><i>Construction:</i> Measure applies if resources are discovered during construction.</p> <p>Add as note on Improvement Plans and Building Plans.</p>           | <p>Engineering and Building</p> | <p>None</p>                                                    |  |
| <p><b>Mitigation Measure 4.9-3 Conduct Studies Prior To Offsite Infrastructure Construction</b></p> <p>Prior to undertaking construction of off-site infrastructure, the City shall determine whether or not cultural resource surveys have been undertaken for any areas to be disturbed during construction. If surveys were conducted, the City shall document that any identified resources were treated as recommended in the studies. If no studies or surveys were conducted, the City shall ensure that a qualified archaeologist conducts the appropriate level of study. If resources are found, recommendations, including the possible management recommendations listed in MM 4.9-1 and MM4.9-2, shall be implemented to ensure that the resources are avoided, protected and/or recorded, as determined to be feasible and appropriate by City staff.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <p>This condition shall be reflected in all construction and building plans, and construction site workers shall be advised by the site manager of this measure.</p>                                  | <p><i>Pre-Construction:</i> Prior to issuance of Grading Permits or Improvement Plans.</p> <p>Add as note on Improvement Plans.</p>                                | <p>Engineering and Building</p> | <p>Applicable studies</p>                                      |  |
| <p><b>MM 4.10-1 Identify Potential Hazardous Materials (soil contamination, tank or well sites, lead based paint and/or asbestos)</b></p> <p>Prior to site development in the SVSP, recommended testing and remediation, if needed shall occur. Groundwater wells shall be properly closed.</p> <p>If evidence of soil contamination, septic tanks, or other underground storage tanks are encountered in previously unidentified locations in the SVSP area, work shall cease until the area can be tested, and if necessary remediated and/or properly removed or closed. Remediation activities could include removal of contaminated soil, and/or onsite treatment. As part of the process, the City shall ensure that any necessary investigation and/or remediation activities are coordinated with the Roseville Fire Department, Placer County Division of Environmental Health, and if needed, other appropriate federal, state and local agencies. Once a site is remediated, construction can continue.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <p>The applicants shall be responsible for conducting soil testing and/or recommendation of the Phase I environmental site assessments, if conditions are encountered which warrant such studies.</p> | <p><i>Construction:</i> Applies if conditions found which warrant assessment (e.g. stained soils, underground tanks).</p> <p>Add as note on Improvement Plans.</p> | <p>Engineering and Fire</p>     | <p>Phase I environmental assessment, if conditions warrant</p> |  |
| <p><b>MM 4.12.4-2 Divert Construction Debris</b></p> <p>The applicants shall ensure a 50% reduction in the construction waste stream generated from development within the SVSP. In Developer contracts with construction contractors and their sub-contractors, the Developer shall require that construction waste be reduced by 50%. The Developer shall further require that contractors and sub-contractors submit records of diversion and disposal to the City’s Environmental Utilities Department in order to verify compliance with this requirement.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <p>Comply with the measure</p>                                                                                                                                                                        | <p><i>Construction:</i> Contractor to ensure diversion occurs during construction.</p> <p>Add as note on Improvement Plans and Building Plans.</p>                 | <p>Environmental Utilities</p>  | <p>Records of diversion</p>                                    |  |

NOTE: This table is provided as a courtesy to the developer, to highlight the text of measures which are required to be placed on Improvement Plans and/or Building Plans. Refer to the applicable environmental document (e.g. Environmental Impact Report) for a full list of measures, and for context. Other measures may be applicable, but are not included here because they have already been completed or they are addressed via other mechanisms (e.g. development fees)





**Rincon Consultants, Inc.**

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916-706-1374

June 19, 2025  
Rincon Project No. 25-17301

Julie A. Margetich  
Covenant Real Estate Group/PDS Health  
2044 California Avenue  
Corona, CA 92881  
Via email: [margetitchj@pacden.com](mailto:margetitchj@pacden.com)

**Subject: Noise Study for the Baseline Marketplace Project, Roseville, CA**

Dear Julie:

Rincon Consultants, Inc. (Rincon) is pleased to provide this Noise Study prepared for the Baseline Marketplace Project (Project) to ensure that it is designed by the applicant and conditioned by the City of Roseville (City) to comply with the City's exterior noise standards. Rincon understands that the Study will be used to support CEQA findings in an addendum to the Sierra Vista Specific Plan (SVSP) EIR (City of Roseville 2010). Nearby noise-sensitive receptors (single-family residences) would be exposed to Project construction and operational noise. This noise study reviews detailed architectural plans provided by Covenant Real Estate Group, dated November 20, 2024. Fundamentals of noise and acoustics are included in Attachment A.

## Project Description

The project site is located within the Sierra Vista Specific Plan (SVSP). The SVSP was adopted on May 5, 2010 and includes 2,064 acres west of Fiddymont Road and north of Baseline Road. The SVSP consists of a mix of land uses, including three large parcels (DF-40, DF-41, and DF-42) designated for Community Commercial land use at the northwest corner of Baseline Road and Fiddymont Road. The Project is a minor modification to the previously approved Major Project Permit to allow minor modifications to the approved site plan and building elevations for the construction of a Home Depot and a Target commercial building. The proposed Target loading dock operational hours would be from 4:00 a.m. to midnight, Monday through Sunday and the proposed Home Depot loading dock operational hours would be 24 hours a day Monday through Sunday. Furthermore, there is an existing 6-foot wall along the residential property lines to the north of the Project and a proposed 6-foot wall on the south side of San Fernando Road along the project northern property line.

## Regulatory Setting

### City of Roseville Municipal Code

The City of Roseville Noise Ordinance, Chapter 9.24 of the Municipal Code establishes procedures and policies for handling noise complaints within the City. The Noise Ordinance establishes limits on noise sources, such as amplified music or sound.

Section 9.24.100. – (Sound limits for sensitive receptors) provides noise level standards for sensitive receptors, as shown in Table 1. The RMC states that the following exterior noise standards apply to residential and commercial/industrial zones within the City.



**Table 1 Sound Level Standards (For non-transportation or fixed sound sources)**

| Noise Zone        | Daytime<br>(7:00 a.m. to 10:00 p.m.) | Nighttime<br>(10:00 p.m. to 7:00 a.m.) |
|-------------------|--------------------------------------|----------------------------------------|
| Hourly Leq, dB    | 50 dB                                | 45 dB                                  |
| Maximum Level, dB | 70 dB                                | 65 dB                                  |

Source: City of Roseville Municipal Code Section 9.24-100

The Noise Ordinance exempts noise from private construction (e.g., construction, alteration or repair activities) between the hours of 7:00 a.m. and 7:00 p.m. Monday through Friday, and between the hours of 8:00 a.m. and 8:00 p.m. Saturday and Sunday; provided, however, that all construction equipment must be fitted with factory-installed muffling devices and that all construction equipment shall be maintained in good working order.

## Groundborne Vibration Standards

Vibration sensitive receptors are similar to noise sensitive receptors, including residences and institutional uses such as schools, churches, and hospitals. However, vibration sensitive receptors also include buildings where vibrations may interfere with vibration-sensitive equipment. Vibration sensitive receptors near the site include residential properties approximately adjacent to the northern boundary of the Project site.

Vibration limits used in this analysis to determine a potential impact to local land uses from construction activities, such as, vibratory compaction or excavation, are based on information contained in the 2018 FTA *Transit Noise and Vibration Impact Assessment Manual*. Groundborne vibration levels that could induce potential architectural damage to buildings are identified in Table 2. Based on FTA recommendations, limiting vibration levels to below 0.2 in/sec peak particle velocity (PPV) at non-engineered timber and masonry buildings (which would apply to the nearby residential building structures) would prevent architectural damage.

**Table 2 Groundborne Vibration Architectural Damage Criteria**

| Building Category                                       | PPV (in/sec) |
|---------------------------------------------------------|--------------|
| I. Reinforced concrete, steel, or timber (no plaster)   | 0.5          |
| II. Engineered concrete and masonry (no plaster)        | 0.3          |
| III. Non-engineered timber and masonry buildings        | 0.2          |
| IV. Buildings extremely susceptible to vibration damage | 0.12         |

in/sec = inches per second; PPV = peak particle velocity

Source: FTA 2018

## Project Impacts

### Analysis in Previous Environmental Documents

The SVSP EIR analyzes noise on pages 4.6-1 through 4.6-56 and finds operational noise impacts to be less than significant and impacts from construction noise and vibration would be less than significant with implementation of the following mitigation measures which would be applicable to the Project:



#### *MM 4.6-1 Construction Noise Reduction*

**MM 4.6-1(a):** Construction activities shall comply with the requirements of the City of Roseville Noise Ordinance.

**MM 4.6-1(b):** Locate fixed construction equipment such as compressors and generators as far as possible from sensitive receptors. Shroud or shield all impact tools, and muffle or shield all in-take and exhaust ports on power construction equipment

**MM 4.6-1(c):** Designate a construction disturbance coordinator and conspicuously post the Coordinator's contact information around the Project site and in adjacent public spaces. The disturbance coordinator will receive all public complaints about construction noise disturbances, and will be responsible for determining the cause of the complaint, and implementing any feasible measures to be taken to alleviate the problem.

**MM 4.6-1(d):** Well drilling shall occur prior to construction of the adjacent subdivision, to the extent feasible. If construction timing for the wells occurs after subdivision construction, then measures to reduce noise shall include; hanging flexible sound control curtains around the drilling apparatus, and the drill rig, to the degree feasible, as determined by the Environmental Utilities Director, if located within 1,000-feet of an occupied residence.

#### *MM 4.6-2 Commercial Noise Controls*

For all commercial uses within 150 feet of residential uses, the developer shall implement the following or equally effective measures:

- In general, where commercial land uses adjoin residential property lines, the following measures should be included in the design of the commercial use. If the primary noise sources are parking lot noise, HVAC equipment and light truck deliveries, then 6 - 7 foot-tall masonry walls shall be constructed to provide adequate isolation of parking lot and delivery truck activities. HVAC equipment shall be located either at ground level, or when located on roof-tops the building facades shall include parapets for shielding.
- Where commercial uses adjoin common residential property lines, and loading docks or truck circulation routes face the residential areas, the following mitigation measures shall be included in the Project design:
  - Loading docks and truck delivery areas shall maintain a minimum distance of 30 feet from residential property lines;
  - Property line barriers shall be 6 to 8 feet in height. Circulation routes for trucks should be located a minimum of 30-feet from residential property lines;
  - All heating, cooling and ventilation equipment shall be located within mechanical rooms where possible;
  - All heating, cooling and ventilation equipment shall be shielded from view with solid barriers;
  - Emergency generators shall comply with the local noise criteria at the nearest noise-sensitive receivers;
  - In cases where loading docks or truck delivery circulation routes are located less than 100 feet from residential property lines, an acoustical evaluation shall be submitted to verify compliance with the City of Roseville Noise Level Performance Standards



## Project Specific Impacts

- a. *Would the Project result in generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the Project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?*

## Construction Noise

Impacts related to construction noise were adequately addressed in the SVSP EIR as it relates to the proposed Project, and were previously identified as significant and unavoidable for temporary construction noise and increases in traffic noise outside the plan area. Construction noise in general was discussed, and addressed via mitigation.

Mitigation Measure MM 4.6-1 (construction noise), was applied in the SVSP EIR related to commercial and residential projects. Construction noise controls in the mitigation includes located fixed equipment away from noise sensitive uses and having a construction disturbance coordinator to address noise concerns. This mitigation measure remains applicable to the proposed Project. Therefore, with implementation of the mitigation measures, impacts would not be more severe than those analyzed in the SVSP EIR.

## Mechanical Equipment

The primary mechanical equipment noise generator from the Project would be HVAC units. Based on review of various manufacturer specifications for commercial applications, a representative sound power noise level of 83 dBA, which is equivalent to a sound pressure (SPL) noise level of 75 dBA  $L_{eq}$  at 3 feet for a 10-ton Carrier 50LCH was selected (see Attachment B for manufacturer's specifications). Units were conservatively assumed to be located on the rooftop, based on the plans provided by the Covenant Real Estate Group (Covenant 2024). The nearest property line from the edge of the roof of the proposed Home Depot building is approximately 140 feet to the north. Accounting for at least 5 dBA reduction from the roof parapet at the roof edge, at a distance of 140 feet, noise levels from three HVAC units would be 42 dBA  $L_{eq}$ . For a conservative scenario, the units were assumed to operate at 100 percent of an hour for 24 hours, and does not account for shielding from building height or operational hours. This would be below the nighttime exterior noise level in the City of Roseville Municipal Code Section 9.24-100 of 45 dBA  $L_{eq}$  at the residential property line to the north. Mitigation Measure 4.6-2 would apply to the Project and if HVAC is located on roof-tops, the building facades shall include parapets for shielding. Therefore, impacts would not be more severe than those analyzed in the SVSP EIR.

## Loading Dock Noise

Mitigation Measure 4.6-2 would apply to the Project with the truck circulation routes maintaining more than a 30 foot distance from a residential property line. In addition, there is an existing 6-foot wall along the residential property lines to the north of the Project and a proposed 6-foot wall on the south side of San Fernando Road along the project northern property line. Potential truck activities on-site include three loading bays at the proposed Home Depot and four loading bays at the proposed Target on the northern sides of the buildings. Noise from truck and unloading activities at the loading docks would generate noise that has the potential to increase noise at nearby sensitive receptors. The noise scenarios analyzed for loading activities included these seven bays generating noise levels at the nearest residential property line to the north. Analyzing all seven bays operating at once is a



conservative assumption as the diesel trucks would idle no more than 5 minutes during each loading/unloading operation per State idling regulations (CCR Title 13, Section 2485. The closest edge of the loading dock area for Home Depot would be located approximately 180 feet from the nearest property line to the north and edge of the loading dock area for Target would be located approximately 190 feet from the nearest property line to the north. Noise from one loading dock is approximately 40 dBA  $L_{eq}$  at 50 feet or 75 dBA  $L_{max}$  at 50 feet (Placeworks 2012). Accounting for the noise reduction from the existing 6-foot wall along the residential property lines to the north of the proposed San Fernando Road, combined noise levels from all seven loadings docks combined would be approximately 31 dBA  $L_{eq}$  or 58 dBA  $L_{max}$ , shown in Attachment C. This would be below the nighttime exterior noise level in the City of Roseville Municipal Code Section 9.24-100, of 45 dBA  $L_{eq}$  or 65 dBA  $L_{max}$  at the residential property line to the north. Furthermore, this provides a conservative estimate of noise reduction, as it does not account for additional noise reduction from the proposed 6-foot wall on the south side of San Fernando Road, pursuant to the COA for the project. Therefore, impacts would not be more severe than those analyzed in the SVSP EIR.

## Combined Operational Noise

The combined noise level of the seven loading docks and three HVAC units would be 42 dBA  $L_{eq}$ . These noise levels would be below the nighttime exterior noise level in the City of Roseville Municipal Code Section 9.24-100 of 45 dBA  $L_{eq}$  at the residential property line to the north. Therefore, impacts would not be more severe than those analyzed in the SVSP EIR.

## Traffic Noise

Noise was determined to be an impact for all of the major roadways in the SVSP area. Traffic-related noise levels expected in the year 2025 plus Project were found to be significant and unavoidable.

Existing and future noise from Baseline Road was estimated to be approximately 66 db in the exiting plus SVSP Project condition and 71.7 db at full buildout (at a point 100 feet from the centerline). The Project would not add additional on-road vehicle trips than were already accounted for. Therefore, the proposed Project is within the scope of the transportation impacts analyzed in the SVSP EIR and would not result in new or increased impacts related to roadway noise.

### ☒ LESS THAN SIGNIFICANT OR LESS THAN SIGNIFICANT WITH MITIGATION INCORPORATED

- b. *Would the Project result in generation of excessive groundborne vibration or groundborne noise levels?*

## Groundborne Vibration

Construction activities have the greatest potential to generate ground-borne vibration affecting nearby receptors, especially during paving of the Project site. Construction activities known to generate excessive groundborne vibration, such as pile driving and blasting, would not be needed to construct the proposed Project. The greatest vibratory source during construction in the Project vicinity could be a roller used during paving. Construction vibration estimates are based on vibration levels reported by the FTA (FTA 2018). Table 3 shows typical vibration levels for various pieces of construction equipment used in the assessment of construction vibration.



**Table 3 Construction Vibration Levels**

| Equipment           | in/sec PPV                 |                                                             |
|---------------------|----------------------------|-------------------------------------------------------------|
|                     | Reference Level<br>25 Feet | Single-Family Residential Buildings to the North<br>35 Feet |
| Vibratory Roller    | 0.210                      | 0.127                                                       |
| Large Bulldozer     | 0.089                      | 0.054                                                       |
| Loaded Trucks       | 0.076                      | 0.046                                                       |
| Small Bulldozer     | 0.003                      | 0.002                                                       |
| Threshold           |                            | 0.2                                                         |
| Threshold Exceeded? |                            | No                                                          |

Source: FTA 2018

PPV = peak particle velocity; in/sec = inches per second

Notes: Vibration analysis worksheets are included in Attachment B.

Based on the recommendations of the FTA, limiting vibration levels to below 0.2 in/sec PPV at residential structures would prevent architectural damage regardless of building construction type. Based on construction equipment assumptions, the greatest anticipated source of vibration during Project construction activities would be from a vibratory roller, which could be used during paving. Based on the Project site plan, it is assumed the vibratory roller may be used within 35 feet of the nearest off-site structure to the north of the Project site during paving activities. A vibratory roller generates approximately 0.210 in/sec PPV at 25 feet (FTA 2018). This would equal a vibration level of 0.127 in/sec PPV at a distance of 35 feet, which would not exceed the architectural damage criterion at the adjacent off-site residences to the north of 0.2 in/sec PPV for non-engineered timber and masonry buildings. Therefore, impacts would not be more severe than those analyzed in the SVSP EIR.

Operation of the proposed Project would not include substantial sources of vibration. Therefore, the operation of the proposed Project would have no impact on exposure to excessive groundborne vibration or groundborne noise levels.

☒ **LESS THAN SIGNIFICANT OR LESS THAN SIGNIFICANT WITH MITIGATION INCORPORATED**

- c. *For a Project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the Project expose people residing or working in the Project site to excessive noise levels?*

McClellan Airport is located approximately 4.5 miles to the south and there are no other public airports within two miles of the Project site. Therefore, no substantial noise exposure from airport noise would occur, and the Project impact would not be more severe than those analyzed in the SVSP EIR.

☒ **NO IMPACT**

## Conclusion

Impacts related to construction noise were adequately addressed in the SVSP EIR as it relates to the proposed Project, and were previously identified as significant and unavoidable for temporary



construction noise and increases in traffic noise outside the plan area. Construction noise in general was discussed, and addressed via mitigation. Therefore, with implementation of the mitigation measures, impacts would not be more severe than those analyzed in SVSP EIR.

The Project would introduce sources of operational noise to the site, including HVAC and loading dock noise. The nearest single-family residences to the north of the Project would be exposed to a combined noise level of 42 dBA  $L_{eq}$  from HVAC equipment and loading dock noise which would not exceed the nighttime exterior noise standard of 45 dBA  $L_{eq}$  for residential uses. Therefore, impacts would not be more severe than those analyzed in the SVSP EIR.

Existing and future noise from Baseline Road was estimated to be approximately 66 db in the exiting plus SVSP Project condition and 71.7 db at full buildout (at a point 100 feet from the centerline). Therefore, the proposed Project is within the scope of the transportation impacts analyzed in the SVSP EIR, and would not result in new or increased impacts related to roadway noise.

Operation of the Project would not include any substantial vibration sources. Groundborne vibration from construction activities would not exceed the applicable vibration threshold. Therefore, vibration impacts would not be more severe than those analyzed in the SVSP EIR.

The Project is not located within two miles of any airport. Therefore, the proposed Project would not expose people working in the Project area to excessive aircraft overflight noise levels and impacts would not be more severe than those analyzed in the SVSP EIR.

\* \* \*

This concludes the environmental noise assessment for the subject Project. If there are questions regarding the content of this letter report, please feel free to contact me at [jmccandless@rinconconsultants.com](mailto:jmccandless@rinconconsultants.com) or (805) 586-2492.

Sincerely,

**Rincon Consultants, Inc.**

A stylized, handwritten signature in black ink, appearing to be 'JM' followed by a long horizontal stroke.

Jesse McCandless  
Noise Specialist

A handwritten signature in black ink, appearing to be 'Josh Carman' in a cursive style.

Josh Carman, INCE  
Director





## References

- Federal Transit Administration (FTA). 2018. Transit Noise and Vibration Impact Assessment Manual. [https://www.transit.dot.gov/sites/fta.dot.gov/files/docs/research-innovation/118131/transit-noise-and-vibration-impact-assessment-manual-fta-report-no-0123\\_0.pdf](https://www.transit.dot.gov/sites/fta.dot.gov/files/docs/research-innovation/118131/transit-noise-and-vibration-impact-assessment-manual-fta-report-no-0123_0.pdf) (accessed March 2025).
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# Attachment A

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Noise & Vibration Fundamentals and Common Definitions

## Fundamentals of Noise & Vibration

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# Noise

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## Overview of Sound Measurement

Sound is a vibratory disturbance created by a moving or vibrating source, which is capable of being detected by the hearing organs. Noise is defined as sound that is loud, unpleasant, unexpected, or undesired and may therefore be classified as a more specific group of sounds. The effects of noise on people can include general annoyance, interference with speech communication, sleep disturbance, and, in the extreme, hearing impairment (California Department of Transportation [Caltrans] 2013).

Noise levels are commonly measured in decibels (dB) using the A-weighted sound pressure level (dBA). The A-weighting scale is an adjustment to the actual sound pressure levels so that they are consistent with the human hearing response, which is most sensitive to frequencies around 4,000 Hertz and less sensitive to frequencies around and below 100 Hertz (Kinsler, et. al. 1999). Decibels are measured on a logarithmic scale that quantifies sound intensity in a manner similar to the Richter scale used to measure earthquake magnitudes. A doubling of the energy of a noise source, such as doubling of traffic volume, would increase the noise level by 3 dBA; reducing the energy in half would result in a 3 dBA decrease (Crocker 2007).

Human perception of noise has no simple correlation with sound energy: the perception of sound is not linear in terms of dBA or in terms of sound energy. Two sources do not “sound twice as loud” as one source. It is widely accepted that the average healthy ear can barely perceive changes of 3 dBA, increase or decrease (i.e., twice the sound energy); that a change of 5 dBA is readily perceptible (eight times the sound energy); and that an increase (or decrease) of 10 dBA sounds twice (half) as loud (10.5 times the sound energy) (Crocker 2007).

Sound changes in both level and frequency spectrum as it travels from the source to the receiver. The most obvious change is the decrease in level as the distance from the source increases. The manner by which noise reduces with distance depends on factors such as the type of sources (e.g., point or line, the path the sound will travel, site conditions, and obstructions). Noise levels from a point source typically attenuate, or drop off, at a rate of 6 dBA per doubling of distance (e.g., construction, industrial machinery, ventilation units). Noise from a line source (e.g., roadway, pipeline, railroad) typically attenuates at about 3 dBA per doubling of distance (Caltrans 2013). The propagation of noise is also affected by the intervening ground, known as ground absorption. A hard site, such as a parking lot or smooth body of water, receives no additional ground attenuation and the changes in noise levels with distance (drop-off rate) result from simply the geometric spreading of the source. An additional ground attenuation value of 1.5 dBA per doubling of distance applies to a soft site (e.g., soft dirt, grass, or scattered bushes and trees) (Caltrans 2013). Noise levels may also be reduced by intervening structures; the amount of attenuation provided by this “shielding” depends on the size of the object and the frequencies of the noise levels. Natural terrain features such as hills and dense woods, and man-made features such as buildings and walls, can significantly alter noise levels. Generally, any large structure blocking the line of sight will provide at least a 5-dBA reduction in source noise levels at the receiver (Federal Highway Administration [FHWA] 2011). Structures can substantially reduce exposure to noise as well. The FHWA’s guidelines indicate that modern building construction generally provides an exterior-to-interior noise level reduction of 20 to 35 dBA with closed windows.

The impact of noise is not a function of loudness alone. The time of day when noise occurs and the duration of the noise are also important factors of project noise impact. Most noise that lasts for more than a few seconds is variable in its intensity. Consequently, a variety of noise descriptors have been developed. One of the most frequently used noise metrics is the equivalent noise level ( $L_{eq}$ ); it considers both duration and sound power level. Typically,  $L_{eq}$  is summed over a one-hour period.  $L_{max}$  is the highest

sound pressure level within the sampling period, and  $L_{\min}$  is the lowest sound pressure level within the measuring period (Crocker 2007).

Noise that occurs at night tends to be more disturbing than that occurring during the day. Community noise is usually measured using Day-Night Average Level ( $L_{dn}$ ), which is the 24-hour average noise level with a +10 dBA penalty for noise occurring during nighttime (10:00 p.m. to 7:00 a.m.) hours; it is also measured using Community Noise Equivalent Level (CNEL), which is the 24-hour average noise level with a +5 dBA penalty for noise occurring from 7:00 p.m. to 10:00 p.m. and a +10 dBA penalty for noise occurring from 10:00 p.m. to 7:00 a.m. (Caltrans 2013a). Noise levels described by  $L_{dn}$  and CNEL usually differ by about 1 dBA. The relationship between the peak-hour  $L_{eq}$  value and the  $L_{dn}$ /CNEL depends on the distribution of traffic during the day, evening, and night. Quiet suburban areas typically have CNEL noise levels in the range of 40 to 50 dBA, while areas near arterial streets are in the 50 to 60-plus CNEL range. Normal conversational levels are in the 60 to 65-dBA  $L_{eq}$  range; ambient noise levels greater than 65 dBA  $L_{eq}$  can interrupt conversations (Federal Transit Administration [FTA] 2018).

## **Vibration**

Groundborne vibration of concern in environmental analysis consists of the oscillatory waves that move from a source through the ground to adjacent structures. The number of cycles per second of oscillation makes up the vibration frequency, described in terms of Hertz (Hz). The frequency of a vibrating object describes how rapidly it oscillates. The normal frequency range of most groundborne vibration that can be felt by the human body starts from a low frequency of less than 1 Hz and goes to a high of about 200 Hz (Crocker 2007).

While people have varying sensitivities to vibrations at different frequencies, in general they are most sensitive to low-frequency vibration. Vibration in buildings, such as from nearby construction activities, may cause windows, items on shelves, and pictures on walls to rattle. Vibration of building components can also take the form of an audible low-frequency rumbling noise, referred to as groundborne noise. Groundborne noise is usually only a problem when the originating vibration spectrum is dominated by frequencies in the upper end of the range (60 to 200 Hz), or when foundations or utilities, such as sewer and water pipes, physically connect the structure and the vibration source (Federal Transit Administration [FTA] 2018). Although groundborne vibration is sometimes noticeable in outdoor environments, it is almost never annoying to people who are outdoors. However, the primary concern from vibration is that it can be intrusive and annoying to building occupants and vibration-sensitive land uses.

Vibration amplitudes are usually expressed in peak particle velocity (PPV) or root mean squared (RMS) vibration velocity. The PPV and RMS velocity are normally described in inches per second (in/sec). PPV is defined as the maximum instantaneous positive or negative peak of a vibration signal. PPV is often used in monitoring of blasting vibration because it is related to the stresses that are experienced by buildings (Caltrans 2020).

# Attachment B

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HVAC Manufacturers Specifications



## Advanced Product Data

WeatherExpert®

Packaged High Outdoor Air Systems

6 to 10 Nominal Tons



48LC\*H Sizes 07-12

Packaged Direct Expansion (DX) Cooling With Gas Heat

50LC\*H Sizes 07-12

Packaged Direct Expansion (DX) Cooling With No Heat or Electric Heat

**Carrier's WeatherExpert® packaged high outdoor air systems offer high efficiency, application flexibility, and rugged performance, while being easy to install, simple to maintain, and delivering the reliability you expect from Carrier.**

The Carrier WeatherExpert 48/50LC\*H packaged high outdoor air system is a special configuration of the Carrier WeatherExpert 48/50LC packaged rooftop unit that has been optimized for use in applications requiring high percentages of outdoor air (up to 100%). The 48/50LC\*H optimization includes the addition of new features and options, such as modulating hot gas reheat, modulating heat, and a low-load protection valve, that allows the unit to operate at a wide range of

entering air conditions and airflows needed for high outdoor air operation.

Carrier SmartVu™ controls have also been added to provide operation of the new modulating components and allow the control flexibility needed for use in a variety of high outdoor air applications.

NOTE: This document is an advanced release product data. The information contained within is subject to change, deletion or notation.

## WeatherExpert®

### High Outdoor Air System

**Carrier SmartVu™ Controls**

- 7" touchscreen display
- Flexible configuration
- Standalone, thermostat or networked operation
- Carrier i-Vu® compatible

**EcoBlue™ Indoor Fan**

- Vane axial blower
- Direct drive ECM motor
- Medium or high static motors
- No belts or pulleys
- Multiple control methods

**Refrigerant Circuit**

- 6, 7.5, and 10 ton capacities
- High efficiency design
- Three compressor stages
- Modulating low load valve
- Puron® (R-410A) refrigerant

**Indoor Air Coils**

- Large face area Al/Cu evaporator coil
- Hot gas reheat (HGRH) coil with modulating control
- Optional coated coils

**Construction**

- Galvanized construction
- Painted exterior
- Hinged access panels
- Heavy gauge base rail
- Optional double wall construction

**Outdoor Air/Exhaust**

- Ultra Low Leak economizer with barometric relief
- 100% outdoor air or mixed air operation

**Electric Heat (50 Series)**

- High temperature rise design
- Multiple capacity options
- Silicon rectifier (SCR) modulating control

**Gas Heat (48 Series)**

- High temperature rise stainless steel heat exchanger
- Multiple capacity options
- 5:1 turndown or 10:1 modulating control

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# Performance ratings (cont)



## 48/50LC\*H 07-12 Cooling Minimum – Maximum Airflow and Ambient Ratings<sup>a,b</sup>

| UNIT SIZE | MAX AIRFLOW (cfm) | MIN AIRFLOW (cfm) | MAX OD AMBIENT TEMP (°F) | MIN OD AMBIENT TEMP (°F) |
|-----------|-------------------|-------------------|--------------------------|--------------------------|
| 07        | 2250              | 780               | 125                      | 40                       |
| 08        | 2625              | 975               | 125                      | 40                       |
| 12        | 3500              | 1300              | 125                      | 40                       |

NOTE(S):

- Maximum airflow is at full capacity. Minimum airflow is at minimum capacity.
- Min/Max airflow and min/max ambient conditions may be limited by unit configuration, entering evaporator conditions or unit mode.

## 48LC\*H 07-12 Heat Rating – Natural Gas and Propane<sup>a,b,c</sup>

| UNIT SIZE | HEAT SIZE | MIN AIRFLOW (cfm) | MAX AIRFLOW (cfm) | INPUT (mbh) | THERMAL EFFICIENCY | MAX TEMP RISE (°F) | STD TURNDOWN (NG/LP) | HIGH TURNDOWN (NG/LP) |
|-----------|-----------|-------------------|-------------------|-------------|--------------------|--------------------|----------------------|-----------------------|
| 07        | Low       | 780               | 2250              | 70          | 81%                | 63                 | 5:1/3:1              | N/A                   |
|           | Medium    |                   |                   | 105         |                    | 90                 |                      |                       |
|           | High      |                   |                   | 140         |                    | 114                |                      |                       |
| 08        | Low       | 975               | 2625              | 80          |                    | 58                 | 5:1/3:1              | N/A                   |
|           | Medium    |                   |                   | 120         |                    | 83                 |                      |                       |
|           | High      |                   |                   | 160         |                    | 104                |                      | 10:1/6:1              |
| 12        | Low       | 1300              | 3500              | 120         |                    | 65                 |                      | N/A                   |
|           | Medium    |                   |                   | 160         |                    | 83                 |                      | 10:1/6:1              |
|           | High      |                   |                   | 200         |                    | 98                 |                      |                       |

NOTE(S):

- Heat ratings are for natural gas heat exchangers operated at or below 2000 ft (610 m). For information on propane or altitudes above 2000 ft (610 m), see the Application Data section of this book. High Altitude Accessory kits are required for high altitude operation.
- The gas heat input rating for altitudes above 2000 ft (610 m) must be derated by 4% for each 1000 ft (305 m).
- All gas heaters are factory configured for natural gas. An accessory LP conversion kit is available for field conversion to LP heat.

LEGEND

- NG — Natural Gas  
LP — Liquid Propane

## 50LC\*H 07-12 Heat Rating – Electric Heat

| UNIT SIZE | HEAT SIZE | MIN AIRFLOW (cfm) | MAX AIRFLOW (cfm) | NOMINAL kW (208/230/460/575-v) | MAX TEMP RISE (°F) | CONTROLS |
|-----------|-----------|-------------------|-------------------|--------------------------------|--------------------|----------|
| 07        | Medium    | 780               | 2250              | 7.8/9.6/10.6/TBD               | 42/46/72           | SCR      |
|           | High      |                   |                   | 12/14.7/23/TBD                 | 64/80/80           |          |
| 08        | Medium    | 975               | 2625              | 12/14.7/13.8/TBD               | 51/48/58           |          |
|           | High      |                   |                   | 18.8/23/30.3/TBD               | 68/80/80           |          |
| 12        | Medium    | 1300              | 3500              | 12/14.7/13.8/TBD               | 38/36/80           |          |
|           | High      |                   |                   | 18.8/23/30.3/TBD               | 60/80/80           |          |

## Sound Performance<sup>a,b,c</sup>

| UNIT SIZE | COOLING STAGES | OUTDOOR SOUND (dB) at 60 Hz |      |      |      |      |      |      |      |      |
|-----------|----------------|-----------------------------|------|------|------|------|------|------|------|------|
|           |                | A-Weighted                  | 63   | 125  | 250  | 500  | 1000 | 2000 | 4000 | 8000 |
| 07        | 3              | 82                          | 88.6 | 85.0 | 81.6 | 79.5 | 77.4 | 74.1 | 71.0 | 66.3 |
| 08        | 3              | 83                          | 89.3 | 86.0 | 82.9 | 80.7 | 78.5 | 73.6 | 69.6 | 64.5 |
| 12        | 3              | 83                          | 89.3 | 86.0 | 82.9 | 80.7 | 78.5 | 73.6 | 69.6 | 64.5 |

NOTE(S):

- Outdoor sound data is measured in accordance with AHRI standard 270.
- Measurements are expressed in terms of sound power. Do not compare these values to sound pressure values because sound pressure depends on specific environmental factors which normally do not match individual applications. Sound power values are independent of the environment and therefore more accurate.
- A-weighted sound ratings filter out very high and very low frequencies, to better approximate the response of "average" human ear. A-weighted measurements for Carrier units are taken in accordance with AHRI standard 270.

LEGEND

- dB — Decibel



# Attachment C

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Loading Dock Noise Modeling

## Loading Dock Noise Modeling

| 25-17301 Baseline Marketplace                                                                                                                                                                                       |                                                                                                                                            |                                    |      |  |  |                             | Loading Dock/Truck Noise Calculations |  |  |                     |      |  |  |             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|------|--|--|-----------------------------|---------------------------------------|--|--|---------------------|------|--|--|-------------|
| Receptor: Residential to the North                                                                                                                                                                                  |                                                                                                                                            |                                    |      |  |  |                             |                                       |  |  |                     |      |  |  |             |
|                                                                                                                                                                                                                     |                                                                                                                                            | Number of Truck Docks Per Building |      |  |  | Distance Attenuation (Feet) |                                       |  |  | Barrier Attenuation |      |  |  |             |
| Metric                                                                                                                                                                                                              | Ref @ 50 ft                                                                                                                                | 3                                  | 4    |  |  | 180                         | 190                                   |  |  | 8                   | 5    |  |  | Total (dBA) |
| L50                                                                                                                                                                                                                 | 40.0                                                                                                                                       | 44.8                               | 46.0 |  |  | 33.6                        | 34.4                                  |  |  | 25.6                | 29.4 |  |  | 31.0        |
| L25                                                                                                                                                                                                                 | 42.0                                                                                                                                       | 46.8                               | 48.0 |  |  | 35.6                        | 36.4                                  |  |  | 27.6                | 31.4 |  |  | 32.9        |
| L8                                                                                                                                                                                                                  | 53.0                                                                                                                                       | 57.8                               | 59.0 |  |  | 46.6                        | 47.4                                  |  |  | 38.6                | 42.4 |  |  | 43.9        |
| L2                                                                                                                                                                                                                  | 54.0                                                                                                                                       | 58.8                               | 60.0 |  |  | 47.6                        | 48.4                                  |  |  | 39.6                | 43.4 |  |  | 44.9        |
| Lmax                                                                                                                                                                                                                | 75.0                                                                                                                                       | 75.0                               | 75.0 |  |  | 63.9                        | 63.4                                  |  |  | 55.9                | 58.4 |  |  | 60.3        |
|                                                                                                                                                                                                                     |                                                                                                                                            |                                    |      |  |  |                             |                                       |  |  |                     |      |  |  |             |
| RCNM Appendix A: Practices for Calculating Estimated Shielding (fwha.dot.gov)                                                                                                                                       |                                                                                                                                            |                                    |      |  |  |                             |                                       |  |  |                     |      |  |  |             |
| Atten (dB)                                                                                                                                                                                                          | Instance                                                                                                                                   |                                    |      |  |  |                             |                                       |  |  |                     |      |  |  |             |
| 3                                                                                                                                                                                                                   | If a noise barrier or other obstruction (like a dirt mound) just barely breaks the line-of-sight between the noise source and the receptor |                                    |      |  |  |                             |                                       |  |  |                     |      |  |  |             |
| 5                                                                                                                                                                                                                   | If the noise source is in a enclosure and/or barrier that has some gaps in it                                                              |                                    |      |  |  |                             |                                       |  |  |                     |      |  |  |             |
| 5                                                                                                                                                                                                                   | If a noise source is enclosed or shielded with heavy vinyl noise curtain material (e.g., SoundSeal BBC-13-2" or equivalent)                |                                    |      |  |  |                             |                                       |  |  |                     |      |  |  |             |
| 8                                                                                                                                                                                                                   | If the noise source is completely enclosed OR completely shielded with a solid barrier located close to the source                         |                                    |      |  |  |                             |                                       |  |  |                     |      |  |  |             |
| 10                                                                                                                                                                                                                  | If the noise source is completely enclosed AND completely shielded with a solid barrier located close to the source                        |                                    |      |  |  |                             |                                       |  |  |                     |      |  |  |             |
|                                                                                                                                                                                                                     |                                                                                                                                            |                                    |      |  |  |                             |                                       |  |  |                     |      |  |  |             |
| References                                                                                                                                                                                                          |                                                                                                                                            |                                    |      |  |  |                             |                                       |  |  |                     |      |  |  |             |
| 1. Roadway Construction Noise Model User’s Guide. Federal Highway Administration. FHWA-HEP-05-054. January 2006                                                                                                     |                                                                                                                                            |                                    |      |  |  |                             |                                       |  |  |                     |      |  |  |             |
| 2. Construction Noise Control Specification 721.560, Central Artery/Tunnel Project, Massachusetts Turnpike Authority, Boston, MA, 2002.                                                                             |                                                                                                                                            |                                    |      |  |  |                             |                                       |  |  |                     |      |  |  |             |
| 3. Thalheimer, Erich. "Construction Noise Control Program and Mitigation Strategy at the Central Artery/Tunnel Project". Noise Control Engineering Journal, Vol. 48, No. 5, pp 157-165, September - October 2000.   |                                                                                                                                            |                                    |      |  |  |                             |                                       |  |  |                     |      |  |  |             |
| 4. "Information on Levels of Environmental Noise Requisite to Protect Public Health and Welfare with an Adequate Margin of Safety", Environmental Protection Agency, ONAC 550/9-74-004. Washington, DC, March 1974. |                                                                                                                                            |                                    |      |  |  |                             |                                       |  |  |                     |      |  |  |             |
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# **Stationary Health Risk Assessment**

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## **Baseline Marketplace Fuel Station Project**

**Prepared by:**

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## LIST OF ABBREVIATED TERMS

|                          |                                                           |
|--------------------------|-----------------------------------------------------------|
| A                        | absorption factor from inhalation                         |
| ASF                      | age sensitivity factor                                    |
| AB                       | Assembly Bill                                             |
| AT                       | averaging time                                            |
| ATCM                     | Airborne Toxic Control Measure                            |
| CARB                     | California Air Resources Board                            |
| CCAA                     | California Clean Air Act                                  |
| CEQA                     | California Environmental Quality Act                      |
| CPF                      | cancer potency factor                                     |
| $C_{air}$                | air concentration from model                              |
| $C_i$                    | air concentration of substance                            |
| DBR                      | daily breathing rate                                      |
| DOORS                    | Diesel Off-Road Reporting System                          |
| DPM                      | Diesel Particulate Matter                                 |
| DRRP                     | Diesel Risk Reduction Plan                                |
| Dose-air                 | dose through inhalation                                   |
| ED                       | exposure duration                                         |
| EF                       | exposure frequency                                        |
| °F                       | degrees Fahrenheit                                        |
| FCAA                     | Federal Clean Air Act                                     |
| FAH                      | fraction of time spent at home                            |
| HAP                      | hazardous air pollutant                                   |
| HRA                      | health risk assessment                                    |
| kg                       | kilogram                                                  |
| L                        | liter                                                     |
| MATES                    | Multiple Air Toxics Exposure Study                        |
| MEIR                     | Maximally Exposed Individual Receptor                     |
| mg                       | milligrams                                                |
| $\mu\text{g}/\text{m}^3$ | micrograms per cubic meter                                |
| MSAT                     | Mobile Source Air Toxic                                   |
| NAAQS                    | National Ambient Air Quality Standards                    |
| NED                      | National Elevation Dataset                                |
| NESHAP                   | National Emissions Standards for Hazardous Air Pollutants |
| $\text{NO}_2$            | nitrogen dioxide                                          |
| $\text{NO}_x$            | nitrogen oxides                                           |
| $\text{O}_3$             | ozone                                                     |
| OEHHA                    | Office of Environmental Health Hazard Assessment          |
| PCAPCD                   | Placer County Air Pollution Control District              |
| PM                       | particulate matter                                        |
| $\text{PM}_{10}$         | particulate matter less than 10 microns in diameter       |
| $\text{PM}_{2.5}$        | particulate matter less than 2.5 microns in diameter      |
| PERP                     | Portable Equipment Registration Program                   |

|                         |                                               |
|-------------------------|-----------------------------------------------|
| REL                     | Reference Exposure Level                      |
| REL <sub>i</sub>        | Reference Exposure Level of substance         |
| Risk <sub>inh-res</sub> | residential inhalation cancer risk            |
| SB                      | Senate Bill                                   |
| SVAB                    | Sacramento Valley Air Basin                   |
| T-BACT                  | toxics best available control technology      |
| TAC                     | Toxic Air Contaminant                         |
| TOG                     | Total Organic Gases                           |
| U.S. EPA                | United States Environmental Protection Agency |
| VOC                     | volatile organic compound                     |

## **1.0 INTRODUCTION**

The purpose of this Health Risk Assessment (HRA) is to evaluate potential health risks associated with Toxic Air Contaminants (TACs) resulting from the implementation of the proposed Baseline Marketplace Fueling Station Project (“Project” or “proposed Project”). This HRA was prepared in accordance with the requirements of the Office of Environmental Health Hazard Assessment (OEHHA) to determine if health risks are likely to occur from the Project. Technical data are included in [Appendix A: Modeling Data](#).

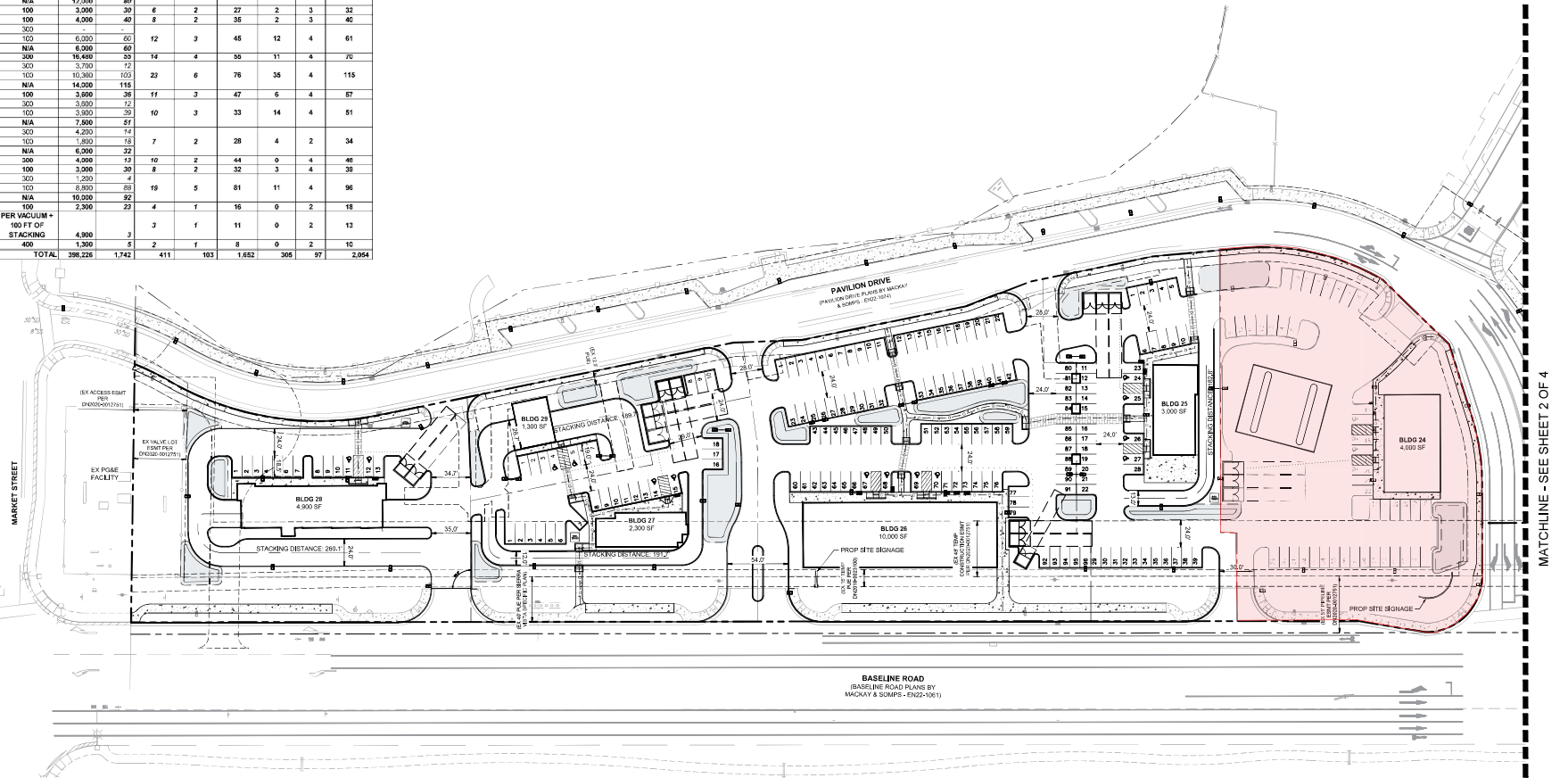
### **1.1 Project Description**

The Project site is in the City of Roseville, California. The Project site consists of vacant, undeveloped land. The Project site is bordered by Baseline Road to the south, Pavilion Drive to the north and east, vacant land and future commercial use to the west. The surrounding area is primarily vacant or newly constructed residential communities.

The Project proposes to develop the existing vacant property with one approximately 4,000 square foot single story convenience store and would also provide four (4) pumps and eight (8) gasoline refueling stations; refer to [Exhibit 1: Site Plan](#). The Project includes 44 automobile parking spaces.

Access to the Project site would be provided via two proposed driveways, one along Pavilion Drive and the other off Baseline Road. Landscaping would be provided along the boundaries of the Project site and retaining walls would be located along the northern and southern boundaries.

| LOT NUMBER | AREA (ACRES) | BUILDING NUMBER | USE         | PARKING REQUIREMENT 1 PER SQ FT | BUILDING AREA (SF) | REQ. PARKING | REQ. EV CAPABLE STALLS | REQ. EV CHARGERS | STANDARD STALLS | COMPACT STALLS | ADA STALLS | PARKING TOTAL |
|------------|--------------|-----------------|-------------|---------------------------------|--------------------|--------------|------------------------|------------------|-----------------|----------------|------------|---------------|
| 2          | 10.91        | 2               | RETAIL      | 300                             | 107,546            | 358          | 84                     | 23               | 366             | 93             | 9          | 468           |
| 3          | 12.04        | 3               | RETAIL      | 300                             | 148,000            | 493          | 107                    | 27               | 441             | 80             | 12         | 533           |
| 4          | 0.09         | 4               | BANK        | 200                             | 4,000              | 13           | 6                      | 1                | 25              | 2              | 2          | 29            |
| 5          | 2.53         | 5 A-C           | RETAIL      | 300                             | 11,100             | 37           |                        |                  |                 |                |            |               |
|            |              |                 | FOOD        | 100                             | 6,000              | 60           | 19                     | 5                | 81              | 10             | 6          | 97            |
|            |              |                 | TOTAL       | N/A                             | 17,100             | 97           |                        |                  |                 |                |            |               |
| 6          | 1.15         | 6               | DRIVE THRU  | 100                             | 3,000              | 30           | 5                      | 1                | 18              | 2              | 4          | 24            |
| 7          | 0.60         | 7               | RETAIL      | 300                             | 4,500              | 15           | 5                      | 1                | 21              | 2              | 2          | 25            |
|            |              |                 | RETAIL      | 300                             | 14,000             | 47           |                        |                  |                 |                |            |               |
| 8          | 2.22         | 8 A-B           | FOOD        | 100                             | 2,000              | 20           | 23                     | 6                | 93              | 8              | 12         | 113           |
|            |              |                 | TOTAL       | N/A                             | 16,000             | 67           |                        |                  |                 |                |            |               |
| 9          | 1.88         | 9 A-B           | RETAIL      | 300                             | 6,000              | 20           |                        |                  |                 |                |            |               |
|            |              |                 | FOOD        | 100                             | 6,000              | 60           | 16                     | 4                | 68              | 8              | 4          | 81            |
|            |              |                 | TOTAL       | N/A                             | 12,000             | 80           |                        |                  |                 |                |            |               |
| 10         | 1.24         | 10              | DRIVE THRU  | 100                             | 3,000              | 30           | 6                      | 2                | 27              | 2              | 3          | 32            |
| 11         | 1.41         | 11              | DRIVE THRU  | 100                             | 4,000              | 40           | 8                      | 2                | 35              | 2              | 3          | 40            |
|            |              |                 | RETAIL      | 300                             |                    |              |                        |                  |                 |                |            |               |
| 12         | 1.22         | 12              | FOOD        | 100                             | 6,000              | 60           | 12                     | 3                | 45              | 12             | 4          | 61            |
|            |              |                 | TOTAL       | N/A                             | 6,000              | 60           |                        |                  |                 |                |            |               |
| 13         | 2.07         | 13              | RETAIL      | 300                             | 16,400             | 55           | 14                     | 4                | 55              | 11             | 4          | 70            |
|            |              |                 | RETAIL      | 300                             | 5,700              | 19           |                        |                  |                 |                |            |               |
| 14         | 2.21         | 14 A-B          | FOOD        | 100                             | 10,300             | 103          | 23                     | 6                | 76              | 35             | 4          | 115           |
|            |              |                 | DRIVE THRU  | 100                             | 3,800              | 38           | 11                     | 3                | 47              | 6              | 4          | 57            |
| 15         | 1.50         | 15              | RETAIL      | 300                             | 3,800              | 13           |                        |                  |                 |                |            |               |
|            |              |                 | FOOD        | 100                             | 3,800              | 38           | 10                     | 3                | 33              | 14             | 4          | 51            |
|            |              |                 | TOTAL       | N/A                             | 7,600              | 51           |                        |                  |                 |                |            |               |
| 16         | 0.90         | 16              | RETAIL      | 300                             | 4,200              | 14           |                        |                  |                 |                |            |               |
|            |              |                 | FOOD        | 100                             | 1,800              | 18           | 7                      | 2                | 28              | 4              | 2          | 34            |
|            |              |                 | TOTAL       | N/A                             | 6,000              | 32           |                        |                  |                 |                |            |               |
| 24         | 1.57         | 24              | FUEL        | 500                             | 4,000              | 13           | 10                     | 2                | 44              | 0              | 4          | 46            |
| 25         | 1.01         | 25              | DRIVE THRU  | 100                             | 3,000              | 30           | 8                      | 2                | 32              | 3              | 4          | 39            |
|            |              |                 | RETAIL      | 300                             | 1,200              | 4            |                        |                  |                 |                |            |               |
| 26         | 1.77         | 26              | FOOD        | 100                             | 8,800              | 88           | 19                     | 5                | 81              | 11             | 4          | 96            |
|            |              |                 | TOTAL       | N/A                             | 10,000             | 88           |                        |                  |                 |                |            |               |
| 27         | 0.88         | 27              | DRIVE THRU  | 100                             | 2,300              | 23           | 4                      | 1                | 16              | 0              | 2          | 18            |
| 28         | 1.33         | 28              | CAR WASH    | PER VACUUM + 180 FT OF STACKING | 4,900              | 3            | 3                      | 1                | 11              | 0              | 2          | 13            |
| 29         | 0.44         | 29              | CAR SERVICE | 400                             | 1,300              | 5            | 2                      | 1                | 8               | 0              | 2          | 10            |
| TOTAL      |              |                 |             |                                 | 398,226            | 1,742        | 411                    | 103              | 1,652           | 365            | 97         | 2,054         |



| LEGEND                             |     |
|------------------------------------|-----|
| PROJECT PROPERTY LINE              | --- |
| EXISTING LOT LINE                  | --- |
| EASEMENT                           | --- |
| ROAD CENTERLINE                    | --- |
| 100'-R WSEL                        | --- |
| ACCESSIBILITY PATH                 | --- |
| TRASH ENCLOSURE ACCESSIBILITY PATH | --- |
| PROPOSED FENCE                     | X   |
| 6" VERTICAL CURB                   | --- |
| CURB AND GUTTER                    | --- |
| PROPOSED SIDEWALK                  | --- |
| EXISTING SIDEWALK                  | --- |
| VEGETATED SWALE                    | --- |
| PROPOSED BORENTENTION              | --- |
| PROPOSED LIGHT POST                | --- |
| PROPOSED TRANSFORMER               | --- |
| PROPOSED EV CHARGER                | --- |
| PROPOSED TREE WELL                 | --- |
| PROPOSED TRASH ENCLOSURE           | --- |

- GENERAL NOTES**
- ALL STANDARD PARKING STALLS ARE 9' X 16' UNLESS OTHERWISE NOTED.
  - ALL COMPACT STALLS ARE 9' X 16' UNLESS OTHERWISE NOTED.
  - ALL ACCESSIBLE STALLS ARE 9' X 16' UNLESS OTHERWISE NOTED.
  - PARKING STRIPING TO BE DOUBLE STRIPING PER CITY OF ROSEVILLE STANDARD.
  - EV CHARGING STALL LOCATION AND QUANTITY ARE PRELIMINARY AND SUBJECT TO CHANGE AFTER COORDINATION WITH ROSEVILLE ELECTRIC.

| No. | REVISIONS | DATE | BY |
|-----|-----------|------|----|
|     |           |      |    |
|     |           |      |    |
|     |           |      |    |
|     |           |      |    |

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**BASELINE MARKETPLACE**

PREPARED FOR  
COVENANT REAL ESTATE GROUP

PLACER COUNTY

ROSEVILLE, CA

**SITE PLAN**  
**(SHEET 1 OF 4)**

MATCHLINE - SEE SHEET 2 OF 4

SHEET NUMBER  
**C1.1**



Figure 1: Site Plan

## **2.0 ENVIRONMENTAL SETTING**

### **2.1 Climate and Meteorology**

The Project is located within the Sacramento Valley Air Basin (SVAB). This Basin comprises all of Butte, Colusa, Glenn, Placer, Sacramento, Shasta, Sutter, Tehama, Yolo, and Yuba counties, and the northern portion of Solano County. Air quality and dispersion of air pollution in an area is determined by such natural factors as topography, meteorology, and climate, coupled with atmospheric stability. The factors affecting the dispersion of air pollution with respect to the air basin are discussed below. The topography in the SVAB varies greatly, from flatlands on the west to mountains on the east. The region's topography influences air flow and the dispersal and movement of pollutants in the basin. The mountains to the east prevent air flow mixing and prohibit dispersal of pollutants in that direction. The SVAB portion of the PCAPCD is located within the Sacramento region non-attainment area for federal ozone standards. The PCAPCD, along with other local air districts in the Sacramento Region, are required to comply with the federal State Implementation Plan (SIP) to demonstrate when and how the region can attain the federal ozone standard.

### **2.2 Toxic Air Contaminants**

Toxic Air Contaminants (TACs) are airborne substances capable of causing short-term (acute) and long-term (chronic or carcinogenic, i.e., cancer causing) adverse human health effects (i.e., injury or illness). TACs include both organic and inorganic chemical substances. They may be emitted from a variety of common sources including gasoline stations, automobiles, dry cleaners, industrial operations, and painting operations. The current California list of TACs includes approximately 200 compounds, including particulate emissions from diesel-fueled engines.

Hazardous Air Pollutants (HAP) is a term used by the Federal Clean Air Act (FCAA) that includes a variety of pollutants generated or emitted by industrial production activities. Identified as TACs under the California Clean Air Act (CCAA), ten HAPs have been singled out through ambient air quality data as being the most substantial health risk in California. Direct exposure to these pollutants has been shown to cause cancer, birth defects, damage to the brain and nervous system, and respiratory disorders. The California Air Resources Board (CARB) provides emission inventories for only the larger air basins.

TACs do not have ambient air quality standards because no safe levels of TACs can be determined. Instead, TAC impacts are evaluated by calculating the health risks associated with a given exposure. The requirements of the Air Toxic "Hot Spots" Information and Assessment Act (Assembly Bill [AB] 2588) apply to facilities that use, produce, or emit toxic chemicals. Facilities subject to the toxic emission inventory requirements of the act must prepare and submit toxic emission inventory plans and reports, and periodically update those reports. The Project is not subject to the requirements of AB 2588 as operations would not produce or emit toxic chemicals. OEHHA *Air Toxics Program Guidance Manual for the Preparation of Health Risk Assessments*, dated February 2015 (OEHHA Guidance) implementing AB 2588 further recognizes the high level of uncertainty and difficulty in assessing long-term cancer risks based on relatively short durations of Diesel Particulate Matter (DPM) emissions that occur during the site preparation and grading phases of residential construction projects.

In California, on-road diesel-fueled engines contribute approximately 51 percent of the statewide total DPM, with an additional 43 percent attributed to other mobile sources such as construction and mining equipment, agricultural equipment, and transport refrigeration units.<sup>1</sup> Stationary sources contribute about 6 percent of total DPM.<sup>2</sup> It should be noted that CARB has developed several plans and programs to reduce diesel emissions such as the Diesel Risk Reduction Plan (DRRP), the Statewide Portable Equipment Registration Program (PERP), and the Diesel Off-Road Reporting System (DOORS). The PERP and DOORS programs allow owners or operators of portable engines and certain other types of equipment can register their units in order to operate their equipment throughout California without having to obtain individual permits from local air districts.

As noted above, diesel exhaust and many individual substances contained in it (including arsenic, benzene, formaldehyde, and nickel) have the potential to contribute to mutations in cells that can lead to cancer. Long-term exposure to diesel exhaust particles poses the highest cancer risk of any TAC evaluated by OEHHA. CARB estimates that about 70 percent of the cancer risk that the average Californian faces from breathing toxic air pollutants stems from DPM.<sup>3</sup>

In its comprehensive assessment of diesel exhaust, OEHHA analyzed more than 30 studies of people who worked around diesel equipment, including truck drivers, railroad workers, and equipment operators. The studies showed these workers were more likely to develop lung cancer than workers not exposed to diesel emissions. These studies provide strong evidence that long-term occupational exposure to diesel exhaust increases the risk of lung cancer. Using information from OEHHA's assessment, CARB estimates that diesel particle levels measured in California's air in 2000 could cause 540 "excess" cancers in a population of 1 million people over a 70-year lifetime.<sup>4</sup> Other researchers and scientific organizations, including the National Institute for Occupational Safety and Health, have calculated cancer risks from diesel exhaust similar to those OEHHA and CARB developed.

The elderly and people with emphysema, asthma, and chronic heart and lung disease are especially sensitive to fine-particle pollution. Numerous studies have linked elevated particle levels in the air to increased hospital admissions, emergency room visits, asthma attacks, and premature deaths among those suffering from respiratory problems. Because children's lungs and respiratory systems are still developing, they are also more susceptible than healthy adults to fine particles. Exposure to fine particles is associated with increased frequency of childhood illnesses and can also reduce lung function in children. In California, diesel exhaust particles have been identified as a carcinogen.

## 2.3 Sensitive Receptors

Sensitive populations are more susceptible to the effects of air pollution than is the general population. Sensitive receptors that are in proximity to localized TAC sources are of particular concern. Land uses considered sensitive receptors include residences, schools, playgrounds, childcare centers, long-term health care facilities, rehabilitation centers, convalescent centers, and

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<sup>1</sup> California Air Resources Board, *California Toxics Inventory*, 2013. <https://ww2.arb.ca.gov/california-toxics-inventory>, accessed March 2025.

<sup>2</sup> Ibid.

<sup>3</sup> California Air Resources Board, *2020 Mobile Source Strategy*, [https://ww2.arb.ca.gov/sites/default/files/2021-09/Proposed\\_2020\\_Mobile\\_Source\\_Strategy.pdf](https://ww2.arb.ca.gov/sites/default/files/2021-09/Proposed_2020_Mobile_Source_Strategy.pdf), September 28, 2021.

<sup>4</sup> California Air Resources Board, *Risk Reduction Plan to Reduce Particulate Matter Emissions from Diesel-Fueled Engines and Vehicles*, October 2000, <https://ww2.arb.ca.gov/sites/default/files/classic/diesel/documents/rrpfinal.pdf>, accessed April 2025.

retirement homes. Sensitive land uses nearest to the Project are shown in [Table 1: Sensitive Receptors](#).

| Table 1: Sensitive Receptors                                                                             |                                                      |
|----------------------------------------------------------------------------------------------------------|------------------------------------------------------|
| Receptor Description                                                                                     | Distance and Direction from the Project <sup>1</sup> |
| Single-family Residence                                                                                  | 200 feet to the south                                |
| Single-family Residence                                                                                  | 680 feet to the north                                |
| Single-family Residence                                                                                  | 1,200 feet to the northwest                          |
| 1. Distance measured from the Project site boundary line to the property line of the sensitive receptor. |                                                      |
| Source: Google Earth, 2025; NearMap, 2025.                                                               |                                                      |

## **3.0 REGULATORY SETTING**

### **3.1 Federal**

#### **Federal Clean Air Act**

The FCAA was amended in 1990 to address the numerous air pollutants that are known to cause or may reasonably be anticipated to cause adverse effects to human health or adverse environmental effects. 188 specific pollutants and chemical groups were initially identified as HAPs, and the list has been modified over time. The FCAA Amendments included new regulatory programs to control acid deposition and for the issuance of stationary source operating permits.

In 2001, the United States Environmental Protection Agency (U.S. EPA) issued its first Mobile Source Air Toxics Rule, which identified 21 mobile source air toxic (MSAT) compounds as being HAPs that required regulation. A subset of six of these MSAT compounds were identified as having the greatest influence on health and included benzene, 1,3-butadiene, formaldehyde, acrolein, acetaldehyde, and DPM. More recently, the U.S. EPA issued a second MSAT Rule in February 2007, which generally supported the findings in the first rule and provided additional recommendations of compounds having the greatest impact on health. The rule also identified several engine emission certification standards that must be implemented. Unlike the criteria pollutants, toxics do not have National Ambient Air Quality Standards (NAAQS) making evaluation of their impacts more subjective.

National Emissions Standards for Hazardous Air Pollutants (NESHAPs) were incorporated into a greatly expanded program for controlling toxic air pollutants. The provisions for attainment and maintenance of the NAAQS were substantially modified and expanded. Other revisions included provisions regarding stratospheric ozone protection, increased enforcement authority, and expanded research programs.

Section 112 of the FCAA Amendments governs the federal control program for HAPs. NESHAPs are issued to limit the release of specified HAPs from specific industrial sectors. These standards are technology-based, meaning that they represent the best available control technology an industrial sector could afford. The level of emissions controls required by NESHAPs are not based on health risk considerations because allowable releases and resulting concentrations have not been determined to be safe for the general public. The FCAA does not establish air quality standards for HAPs that define legally acceptable concentrations of these pollutants in ambient air.

### **3.2 State of California**

#### **California Air Resources Board**

CARB's statewide comprehensive air toxics program was established in 1983 with AB 1807 the Toxic Air Contaminant Identification and Control Act (Tanner Air Toxics Act of 1983). AB 1807 created California's program to reduce exposure to air toxics and sets forth a formal procedure for CARB to designate substances as TACs. Once a TAC is identified, CARB adopts an airborne toxics control measure (ATCM) for sources that emit designated TACs. If there is a safe threshold for a substance at which there is no toxic effect, the control measure must reduce exposure to below that threshold. If there is no safe threshold, the measure must incorporate toxics best available control technology (T-BACT) to minimize emissions.

CARB also administers the state's mobile source emissions control program and oversees air quality programs established by state statute, such as AB 2588. Under AB 2588, TAC emissions from individual facilities are quantified and prioritized by the air quality management district or air pollution control district. High priority facilities are required to perform a health risk assessment and, if specific thresholds are exceeded, required to communicate the results to the public in the form of notices and public meetings. In September 1992, AB 2588 was amended by Senate Bill (SB) 1731 which required facilities that pose a significant health risk to the community to reduce their risk through a risk management plan.

### **CARB Advanced Clean Fleets Regulation**

CARB approved Advanced Clean Fleets Regulation (ACF) on April 28, 2023, which includes requirements for drayage trucks transporting cargo to and from California's intermodal seaports and railyards. Drayage trucks will be required to start transitioning to zero-emission technology beginning in 2024, with full implementation by 2035.

On January 13, 2025, California withdrew its request for federal approval of the ACF and is evaluating next steps. CARB will not enforce portions of the regulation requiring federal authorization, such as those affecting high-priority and drayage fleets. However, State and local government fleet requirements remain unchanged.<sup>5</sup>

## **3.3 Regional**

### **Placer County Air Pollution Control District**

The CCAA provides the Placer County Air Pollution Control District (PCAPCD) with the authority to manage transportation activities at indirect sources and regulate stationary source emissions. Indirect sources of pollution are generated when minor sources collectively emit a substantial amount of pollution. An example of this would be the motor vehicles at an intersection, a mall, and on highways. As a State agency, CARB regulates motor vehicles and fuels for their emissions. PCAPCD published their 2017 CEQA Handbook Chapters which includes thresholds for criteria pollutant and health risk.

### **PCAPCD Rule 213-214, Gasoline Transfer into Stationary Storage Containers, Transfer of Gasoline into Vehicle Fuel Tanks**

PCAPCD Rule 213 and 214, *Gasoline Transfer into Stationary Storage Containers and Transfer of Gasoline into Vehicle Fuel Tanks*, are designed to limit emissions of volatile organic compounds (VOCs) and gasoline from gasoline dispensing facilities. These rules prohibit the transfer or allowance of the transfer of gasoline into stationary tanks or vehicles at a gasoline dispensing facility unless a CARB-certified vapor recovery system is used.<sup>6</sup>

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<sup>5</sup> California Air Resources Board, *ACF Waiver Update*, <https://ww2.arb.ca.gov/our-work/programs/advanced-clean-fleets>, accessed August 2025.

<sup>6</sup> PCAPCD, <https://www.placerair.org/DocumentCenter/View/1865/District-Rule-214-Transfer-of-Gasoline-into-Vehicle-Fuel-Tanks-PDF>, accessed August 2024.

## 4.0 SIGNIFICANCE CRITERIA AND METHODOLOGY

### 4.1 Health Risk Analysis Thresholds

Project health risks are determined by examining the types and levels of air toxics generated and the associated impacts on factors that affect air quality. While the final determination of significance thresholds is within the purview of the lead agency pursuant to the State CEQA Guidelines, the PCAPCD recommends that the following air pollution thresholds be used by lead agencies in determining whether the impacts from a project are significant. If the lead agency finds that a project has the potential to exceed the air pollution thresholds, then that project should be considered significant. The TAC thresholds are as follows.

- **Cancer Risk (Individual):** Emit contaminants that equal or exceed the maximum individual incremental cancer risk equal to or greater than 10 in one million.
- **Non-Cancer Risk:** Emit contaminants that result in a chronic or acute hazard index equal to or greater than 1.0 (project increment).

Cancer risk is expressed in terms of expected incremental incidence per million population. As noted above, the PCAPCD has established an incremental increase rate of less than 10 in one million as the maximum acceptable incremental cancer risk due to TAC exposure. This threshold is an upper-bound incremental probability to determine whether or not a given project has a potentially significant development-specific and cumulative impact and to ensure an individual new source does not contribute a cumulatively significant impact. The 10 in one million standard is a health-protective significance threshold. A risk level of 10 in one million implies a likelihood that up to 10 persons, out of one million equally exposed persons, would contract cancer if exposed continuously (24 hours per day) to the TAC levels over a specified duration of time. This risk would be an excess cancer that is in addition to any cancer risk borne by a person not exposed to these TACs.

The PCAPCD has also established non-carcinogenic risk parameters for use in HRAs. Non-carcinogenic risks are quantified by calculating a "hazard index," expressed as the ratio between the ambient pollutant concentration and its toxicity or Reference Exposure Level (REL). A REL is a concentration at or below which health effects are not likely to occur. A hazard index of less than 1.0 means that adverse health effects are not expected. Within this analysis, non-carcinogenic exposures of less than 1.0 are considered less than significant.

### 4.2 Methodology

This HRA evaluates potential health risks associated with the emission of TACs, specifically total organic gases (TOG) (i.e., benzene, ethylbenzene, naphthalene, n-Hexane, and propylene), resulting from Project implementation.

#### Operational Sources

This HRA evaluates potential health risks associated with the emission of TOG (i.e., benzene, ethylbenzene, naphthalene, n-Hexane, and propylene). Out of the toxic compounds emitted from gasoline stations, benzene, ethylbenzene, and naphthalene have cancer toxicity values. However, benzene is the TAC which drives the risk, accounting for 87 percent of cancer risk from gasoline vapors and constitutes more than three to four times the weight of gasoline than ethylbenzene and

naphthalene, respectively. Although n-Hexane, and propylene have adverse health effects, they are not classified as carcinogenic. Additionally, there are substances emitted from gasoline stations, such as toluene and xylene which possess acute adverse health effects (though not cancer risk). However, it is not until the benzene concentrations are more than two orders of magnitude above the 10 per million cancer risk that the emissions of toluene and xylene begin to cause adverse health effects, according to CARB's *Gasoline Service Station Industrywide Risk Assessment Guidelines*. Therefore, toluene and xylene emissions have not been modeled and are instead considered significant in the case that benzene concentrations are identified at two orders of magnitude above the 10 per million cancer risk.

**Fueling Sources.** TAC emissions would occur from the proposed on-site fuel storage tanks and fuel dispensers. The specific processes associated with fuel storage tanks and fuel dispensers that emit air toxics include loading, breathing, refueling, and spillage, as described below:

- Loading – Emissions occur when a fuel tanker truck unloads gasoline into the storage tanks. The storage tank vapors, displaced during loading, are emitted through its vent pipe. A required pressure/vacuum valve installed on the tank vent pipe significantly reduces these emissions.
- Breathing – Emissions occur through the storage tank vent pipe as a result of temperature and pressure changes in the tank vapor space.
- Refueling – Emissions occur during motor vehicle refueling when gasoline vapors escape through the vehicle/nozzle interface.
- Spillage – Emissions occur from evaporating gasoline that spills during vehicle refueling.

Fuel dispensing facility emissions were computed based on the maximum anticipated throughput of fuel (i.e., approximately 3.6 million gallons of gasoline per year<sup>7</sup>). TOG emissions were computed using CARB emission factors for fuel dispensing facilities, as well as average substance weight in vapor or liquid, as applicable; refer to [Appendix A](#) for the details of the calculations.<sup>8</sup> The emission factors conservatively do not reflect control technologies required by any vapor recovery regulations later than 2013 (such as Certification Procedure for Vapor Recovery Systems for Enhanced Conventional [ECO] Nozzles and Low Permeation Conventional Hoses for Use at Gasoline Dispensing Facilities [CP-207], Certification Procedure for Vapor Recovery Systems at Gasoline Dispensing Facilities [CP-201]). These emissions factors are currently being updated by CARB.

## Dispersion Modeling

The HRA's air dispersion modeling was performed using the American Meteorological Society (AMS) and U.S. Environmental Protection Agency (EPA) Regulatory Model (AERMOD). AERMOD is a steady-state, multiple-source, Gaussian dispersion model designed for use with emission sources situated in terrain where ground elevations can exceed the stack heights of the emission sources. AERMOD estimates hourly concentrations for each source/receptor pair and calculates concentrations for user-specified averaging times, including an average concentration for the complete simulation period. AERMOD includes atmospheric dispersion options for both urban and rural environments

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<sup>7</sup> Fuel throughput provided by Applicant.

<sup>8</sup> California Air Resources Board, *Gasoline Service Station Industrywide Risk Assessment Technical Guidance*, February 18, 2022.

and can address flat, gently rolling, and complex terrain situations. The modeling and analysis were prepared in accordance with guidance from PCAPCD, OEHHA, and CARB.<sup>9</sup> The parameters used in AERMOD include the following:

- **Meteorological Data.** AERMOD requires hourly meteorological data consisting of wind vector, wind speed, temperature, stability class, and mixing height. The latest five-year meteorological data set from the Sacramento International Airport (SMF) Station was obtained from Sacramento Metropolitan Air Quality Management District. Surface and upper air meteorological data from this monitoring station was selected as being the most representative for meteorology based on proximity to the Project site as well as terrain, surrounding land use, and surface characteristics.
- **Project Sources.** Emission sources were modeled in AERMOD; refer to [Appendix A](#) for a depiction of the source and receptor locations.
  - Fueling sources were modeled as a combination of volume and point sources.<sup>10</sup> Loading and breathing sources were modeled as point sources with a release height of 3.66 meters. Building downwash<sup>11</sup> was applied for the loading and breathing sources. Fueling and hose permeation were modeled as volume sources with a release height of 1.5 meters. Spillage was modeled as a volume source with a release height of 1 meter. Fueling sources were assumed to operate 24 hours a day.
- **Receptor Grid.** To identify the maximum impacted receptors, a uniform Cartesian grid was placed over the sensitive receptors in the site vicinity. Due to the size of the Project site, receptors were modeled with a maximum of 40-meter grid spacing.
- **Terrain Characteristics.** The United States Geological Survey (USGS) National Elevation Dataset (NED) terrain data was imported into AERMOD.
- **Averaging Times.** AERMOD was run to obtain the annual average (period) and 1-hour concentration in micrograms per cubic meter ( $\mu\text{g}/\text{m}^3$ ) of TACs at the nearby sensitive receptors. According to the PCAPCD's guidance, air dispersion modeling is required to estimate annual average concentrations to calculate the Maximally Exposed Individual Resident (MEIR), the maximum chronic hazard index, and the zones of impact.<sup>12</sup>

## Risk and Hazard Assessment

**Cancer Risk.** Based on the OEHHA methodology, residential inhalation cancer risk from annual average TAC concentrations are calculated by multiplying the daily inhalation dose, cancer potency factor, age sensitivity factor (ASF), frequency of time spent at home, and exposure duration divided by averaging time, yielding the excess cancer risk. These factors are discussed in more detail below.

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<sup>9</sup> Placer County Air Pollution Control District California, *Appendix G. Preparing a Health Risk Assessment for Land Use Projects*, 2017; Office of Environmental Health Hazard Assessment, *Air Toxics Hot Spots Program Risk Assessment Guidance Manual for Preparation of Health Risk Assessments*, February 2015; and California Air Resources Board, *Gasoline Service Station Industrywide Risk Assessment Technical Guidance*, February 18, 2022.

<sup>10</sup> California Air Resources Board, *Gasoline Service Station Industrywide Risk Assessment Technical Guidance*, February 18, 2022.

<sup>11</sup> Building downwash is applied to point sources in AERMOD to account for the potential for pollutants to be trapped in a recirculating pattern near buildings.

<sup>12</sup> CARB and CAPCOA. *Gasoline Service Station Industrywide Risk Assessment Technical Guidance*. 2022  
Available at: [https://ww2.arb.ca.gov/sites/default/files/2022-03/Draft%202022%20Gas%20Station%20IWG%20-%20Technical%20Guidance\\_ADA%20Compliant.pdf](https://ww2.arb.ca.gov/sites/default/files/2022-03/Draft%202022%20Gas%20Station%20IWG%20-%20Technical%20Guidance_ADA%20Compliant.pdf).



Exposure through inhalation (Dose-air) is a function of breathing rate, exposure frequency, and concentration of substance in the air. To estimate cancer risk, the dose was estimated by applying the following formula to each ground-level concentration:

$$\text{Dose-air} = C_{\text{air}} \cdot (\text{BR}/\text{BW}) \cdot A \cdot \text{EF} \cdot 10^{-6}$$

Dose-air = dose through inhalation (mg/kg/day)  
 $C_{\text{air}}$  = air concentration ( $\mu\text{g}/\text{m}^3$ ) from air dispersion model  
 (DBR/BW) = daily breathing rate normalized to body weight (L/kg bodyweight-day)  
 A = inhalation absorption factor (unitless)  
 EF = exposure frequency (approximately 350 days per year for residential)  
 $10^{-6}$  = conversion factor (micrograms to milligrams, liters to cubic meters)

Table 2: Exposure Assumptions presents assumptions utilized to calculate cancer risk. The operational exposure duration totals 30 years for residents and 25 years for workers, consistent with PCAPCD methodology.

| Table 2: Exposure Assumptions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                         |                                             |                                        |                                           |                                             |                                                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|---------------------------------------------|----------------------------------------|-------------------------------------------|---------------------------------------------|---------------------------------------------------|
| Scenario                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Age                     | Exposure Frequency (days/year) <sup>1</sup> | Exposure Duration (years) <sup>1</sup> | Age Sensitivity Factor (ASF) <sup>2</sup> | Fraction of Time at Home (FAH) <sup>3</sup> | Daily Breathing Rate (L/kg BW-day) <sup>4,5</sup> |
| Operations                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>Residential</b>      |                                             |                                        |                                           |                                             |                                                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Third trimester         | 350                                         | 0.25                                   | 10                                        | 85%                                         | 361                                               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 0 to 2 years            | 350                                         | 2                                      | 10                                        | 85%                                         | 1090                                              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Ages 2 through 8 years  | 350                                         | 7                                      | 3                                         | 72%                                         | 631                                               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Ages 9 through 15 years | 350                                         | 7                                      | 3                                         | 72%                                         | 572                                               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Ages 16 and greater     | 350                                         | 13.75                                  | 1                                         | 73%                                         | 261                                               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>Worker</b>           | 250                                         | 25                                     | 1                                         | N/A                                         | 230                                               |
| <sup>1</sup> . The exposure frequency is based on OEHHA <i>Air Toxics Program Guidance Manual for the Preparation of Health Risk Assessments</i> , February 2015 (OEHHA Manual); refer to OEHHA Manual Section 5.4.1, Estimation of Exposure through Inhalation.<br><sup>2</sup> . The age sensitivity factor is based on OEHHA Manual Table 8.3, <i>Age Sensitivity Factors by Age Group for Cancer Risk Assessment</i> .<br><sup>3</sup> . The fraction of time at home is based on OEHHA Manual Section 8.2.2, <i>Fraction of Time Spent at Home for Cancer Risk Assessment</i> .<br><sup>4</sup> . Daily breathing rate normalized to body weight (L/kg body weight – day) (95 <sup>th</sup> percentile for 3rd trimester to 2 years and 80 <sup>th</sup> percentile for other age groups) per OEHHA Manual Table 5.7, <i>Daily Breathing Rate Distributions by Age Group for Residential Stochastic Analysis (L/kg BW-day)</i> .<br><sup>5</sup> . Worker breathing rates are 95 <sup>th</sup> percentile 8-hour breathing rates based on moderate intensity activity.<br>Source: California Office of Environmental Health Hazard Assessment, <i>Air Toxics Program Guidance Manual for the Preparation of Health Risk Assessments</i> , February 2015; and PCAPCD, <i>Preparing a Health Risk Assessment for Land Use Projects</i> , 2017. |                         |                                             |                                        |                                           |                                             |                                                   |

OEHHA developed ASFs to consider the increased sensitivity to carcinogens during early-life exposure. However, OEHHA's ASF factors generally cannot validly be applied to project-level HRAs because neither the County nor PCAPCD have developed guidance or rules as to whether these factors should be used to analyze the DPM health risk associated with construction of a non-stationary-source land use project.<sup>13</sup> Nonetheless, ASFs were conservatively included in this Project-level HRA. Fraction of time at home (FAH) during the day is used to adjust exposure duration and cancer risk from a specific facility's emissions, based on the assumption that exposure to the facility's emissions is not occurring away from home. ASFs, FAH, and daily breathing rates are based on the OEHHA methodology.

<sup>13</sup> Stationary sources can include large power plants and refineries to the corner gas station. Many consumer products such as house paint, furniture varnish, and products containing solvents are also considered stationary sources.

To estimate the cancer risk, the dose is multiplied by the cancer potency factor, the ASF, the exposure duration divided by averaging time, and the frequency of time spent at home (for residents only):

$$\text{Risk}_{\text{inh-res}} = (\text{Dose}_{\text{air}} * \text{CPF} * \text{ASF} * (\text{ED}/\text{AT}) * \text{FAH})$$

|                           |                                                                    |
|---------------------------|--------------------------------------------------------------------|
| Risk <sub>inh-res</sub> = | residential inhalation cancer risk (potential chances per million) |
| Dose <sub>air</sub> =     | daily dose through inhalation (mg/kg-day)                          |
| CPF =                     | inhalation cancer potency factor (mg/kg-day <sup>-1</sup> )        |
| ASF =                     | age sensitivity factor for a specified age group (unitless)        |
| ED =                      | exposure duration (years)                                          |
| AT =                      | averaging time of lifetime cancer risk (years)                     |
| FAH =                     | fraction of time spent at home (unitless)                          |

Chronic Non-Cancer Hazard. Non-cancer chronic impacts are calculated by dividing the annual average concentration by the REL for that substance. The REL is defined as the concentration at which no adverse non-cancer health effects are anticipated. The following equation was used to determine the non-cancer risk:

$$\text{Hazard Index} = C_i / \text{REL}_i$$

|                    |                                                                                              |
|--------------------|----------------------------------------------------------------------------------------------|
| C <sub>i</sub> =   | concentration in the air of substance i (annual average concentration in µg/m <sup>3</sup> ) |
| REL <sub>i</sub> = | chronic noncancer Reference Exposure Level for substance (µg/m <sup>3</sup> )                |

Acute Non-Cancer Hazard. The potential for acute non-cancer hazards is evaluated by comparing the maximum short-term exposure level to an acute REL. RELs are designed to protect sensitive individuals within the population. The calculation of acute non-cancer impacts is similar to the procedure for chronic non-cancer impacts. The equation is as follows:

$$\text{Acute HQ} = \text{Maximum Hourly Air Concentration (µg/m}^3\text{)} / \text{Acute REL (µg/m}^3\text{)}$$

Health Risk Computation. A health risk computation was performed to determine the cancer risk and chronic/acute non-cancer risk using the approach described in the OEHHA *Air Toxics Program Guidance Manual for the Preparation of Health Risk Assessments*, dated February 2015 (OEHHA Guidance Manual). Health risks were analyzed at the point of maximum impact and are a conservative estimate. The pollutant concentrations are then used to estimate the long-term cancer risk to an individual as well as the chronic/acute non-cancer risk hazard index.

The individual cancer and chronic/acute non-cancer risks are based on the annual average concentration of TOG resulting from fueling activities on-site. As noted above, the chronic/acute and carcinogenic health risk calculations are based on the standardized equations contained in the U.S. EPA *Human Health Evaluation Manual* (1991) and the OEHHA Guidance Manual. The concentration estimates developed using this methodology are conservative and not a specific prediction of the actual concentrations that would occur at the Project site at any given point in time. Actual 1-hour and annual average concentrations are dependent on many variables, particularly the number and types of vehicles and equipment operating at specific distances during periods of adverse meteorology. The health risk computation was performed to determine the risk of developing an excess cancer risk calculated on these worst-case exposure duration scenarios. Only the risk associated with the Project's worst-case location was assessed.

## 5.0 POTENTIAL HEALTH RISK IMPACTS

CARB identified DPM as a TAC in 1998. Mobile sources (including trucks, buses, automobiles, trains, ships, and farm equipment) are by far the largest source of diesel emissions. The exhaust from diesel engines includes hundreds of different gaseous and particulate components, many of which are toxic. As the Project is proposed near existing residences, an analysis of DPM was performed using the U.S. EPA-approved AERMOD model.

TOG (i.e., benzene, ethylbenzene, naphthalene, n-hexane, and propylene) are also classified as TACs. Benzene, ethylbenzene, and naphthalene are of particular concern due to their prevalence in gasoline emissions and carcinogenic properties. The majority of benzene emitted in California comes from motor vehicles, including evaporative leakage and unburned fuel exhaust. TOG (benzene, ethylbenzene, naphthalene, n-hexane, and propylene) also have non-cancer health effects. However, only benzene, ethylbenzene, and naphthalene are carcinogenic. As the Project is proposing to dispense gasoline, an analysis of TOG (i.e., benzene, ethylbenzene, naphthalene, n-hexane, and propylene) was performed using the U.S. EPA-approved AERMOD model.

According to OEHHA, if multiple substances are emitted, the non-cancer risk from each of the individual substances is summed only if they affect the same organ system. While DPM is particularly associated with increased potential for lung cancer, diesel exhaust has many individual substances contained in it, including benzene. Therefore, the non-cancer risk from each of the Project-emitting substances, TOG, are summed to give the total non-cancer risk at the receptor location. Cancer risks from different substances are treated additively in the Hot Spots Program in part because many carcinogens act through the common mechanism of DNA damage. However, this assumption fails to take into account the limited information on substance interactions. The overall uncertainty in the cancer potency factors and the variability in the human population is probably far greater than the uncertainty from the assumption of additivity.

### 5.1 Carcinogenic Risk

Table 3: Carcinogenic Risk Assessment shows the health risk for fueling operations. Based on OEHHA Risk Assessment Guidelines, the exposure duration for a resident is 30 years, beginning with the third trimester, and the exposure duration for workers is 25 years. However, as no non-residential uses surround the Project site, the more conservative (longer exposure) residential risk was used. As shown in Table 3, maximum cancer risk at residential receptors would be less than one in one million. Therefore, the maximum cancer risk would not exceed the PCAPCD threshold of 10 in one million and impacts would be less than significant.

| Table 3: Carcinogenic Risk Assessment                                                           |                                          |
|-------------------------------------------------------------------------------------------------|------------------------------------------|
| Receptor                                                                                        | Cancer Risk (per million) <sup>1,2</sup> |
| Nearest Residential Receptor                                                                    | 0.37                                     |
| Threshold (risk per million)                                                                    | 10                                       |
| Threshold Exceeded?                                                                             | No                                       |
| 1. The reported risk is at the closest receptor (maximally exposed individual receptor (MEIR)). |                                          |
| 2. Refer to Table 2 for exposure assumptions.                                                   |                                          |
| Refer to Appendix A: Modeling Data.                                                             |                                          |

## 5.2 Non-Carcinogenic Hazard

The significance thresholds for TAC exposure also require an evaluation of non-cancer risk stated in terms of a hazard index. Non-cancer chronic impacts are calculated by dividing the annual average concentration by the REL for that substance. The REL is defined as the concentration at which no adverse non-cancer health effects are anticipated. The potential for acute non-cancer hazards is evaluated by comparing the maximum short-term exposure level to an acute REL. RELs are designed to protect sensitive individuals within the population. The calculation of acute non-cancer impacts is similar to the procedure for chronic non-cancer impacts. According to OEHHA, the REL for DPM is 5 and the target organ is the respiratory system.<sup>14</sup> The REL for TOG varies by TAC; refer to [Appendix A](#). It should be noted that there is no acute REL for DPM and the acute health risk cannot be calculated.

Acute and chronic impacts are shown in [Table 4: Chronic and Acute Hazard Assessment Results](#). A hazard index of 1.0 indicates that non-carcinogenic health effects are not likely to occur over a lifetime of exposure and is considered individually significant. The hazard index is calculated by dividing the acute or chronic exposure by the REL. [Table 4](#) shows that non-carcinogenic hazards are calculated to be within acceptable limits and a less than significant impact would occur.

| Table 4: Chronic and Acute Hazards Assessment Results |                |              |
|-------------------------------------------------------|----------------|--------------|
| Emissions Sources                                     | Chronic Hazard | Acute Hazard |
| Gas Dispensing Facility                               | 1.89E-03       | 4.73E-03     |
| <i>Threshold</i>                                      | <i>1.0</i>     | <i>1.0</i>   |
| <b>Threshold Exceeded?</b>                            | <b>No</b>      | <b>No</b>    |
| Refer to <a href="#">Appendix A: Modeling Data</a> .  |                |              |

## 5.3 Conclusion

As described above, impacts related to cancer risk would be less than significant. Additionally, non-carcinogenic hazards are calculated to be within acceptable limits. It should be noted that the impacts assess the Project's incremental contribution to health risk impacts, consistent with the PCAPCD guidance and methodology. The PCAPCD has not established separate cumulative thresholds and does not require combining impacts from cumulative projects. The PCAPCD considers projects that do not exceed the project-specific thresholds to generally not be cumulatively significant. Therefore, impacts related to health risk from the Project would be less than significant.

**Mitigation Measures:** No mitigation is required.

**Level of Significance:** Less than significant impact.

<sup>14</sup> California Office of Environmental Health Hazard Assessment, *OEHHA Acute, 8-hour and Chronic Reference Exposure Level (REL) Summary*, <https://oehha.ca.gov/air/general-info/oehha-acute-8-hour-and-chronic-reference-exposure-level-rel-summary>, accessed July 2025.

## 6.0 REFERENCES

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# Appendix A

## Modeling Data

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| Summary (Unmitigated) |                          |           |            |                       | CANCER RISK      |            |                  |
|-----------------------|--------------------------|-----------|------------|-----------------------|------------------|------------|------------------|
|                       |                          |           |            |                       | Operations - TOG |            |                  |
| Receptor              | Location                 | X         | Y          | X, Y                  | #                | Ops Risk   | Risk per Million |
| Residential           | 1 Residents to the South | 641814.56 | 4290426.75 | 641814.56, 4290426.75 | 367              | 3.73E-07   | 0.37             |
|                       |                          |           |            |                       | Sheet Name:      | TOGRisk_R! | TOGRisk_R!       |
|                       |                          |           |            |                       | Lookup Range:    | D9:D655    | D9:D655          |
|                       |                          |           |            |                       | Return Range:    | A9:A655    | H9:H655          |

| CHRONIC/ACUTE HAZARD |          |                        |           |            |                       |               |                          |                                    |                                     |                   |                                   |              |          |            |
|----------------------|----------|------------------------|-----------|------------|-----------------------|---------------|--------------------------|------------------------------------|-------------------------------------|-------------------|-----------------------------------|--------------|----------|------------|
| Operations           |          |                        |           |            |                       |               |                          |                                    |                                     |                   |                                   |              |          |            |
| Receptor             | Location | X                      | Y         | X, Y       | #                     | Substance     | Concentration<br>(µg/m³) | 1-Hour<br>Concentration<br>(µg/m³) | Chronic REL <sup>1</sup><br>(µg/m³) | CHRONIC<br>HAZARD | Acute REL <sup>1</sup><br>(ug/m³) | ACUTE HAZARD |          |            |
| Residential          | 1        | Residents to the South | 641814.56 | 4290426.75 | 641814.56, 4290426.75 | 367           | DPM                      | FALSE                              | -                                   | 5.00E+00          | 0.00E+00                          | No REL       | -        |            |
|                      |          |                        |           |            |                       |               | Benzene                  | 0.005414534                        | 0.128031827                         | 3.00E+00          | 1.80E-03                          | 2.70E+01     | 4.74E-03 |            |
|                      |          |                        |           |            |                       |               | Ethylbenzene             | 0.006003039                        | -                                   | 2.00E+03          | 3.00E-06                          | No REL       | -        |            |
|                      |          |                        |           |            |                       |               | Naphthalene              | 0.000712624                        | -                                   | 9.00E+00          | 7.92E-05                          | No REL       | -        |            |
|                      |          |                        |           |            |                       |               | n-Hexane                 | 0.020217387                        | -                                   | 7.00E+03          | 2.89E-06                          | No REL       | -        |            |
|                      |          |                        |           |            |                       |               | Propylene (propene)      | 2.54436E-05                        | -                                   | 3.00E+03          | 8.48E-09                          | No REL       | -        |            |
|                      |          |                        |           |            |                       |               | Total TOG                |                                    | 1.89E-03                            |                   |                                   |              |          |            |
|                      |          |                        |           |            |                       | Sheet Name:   | Benzene!                 | OpsRiskDPM!                        | Benzene!                            | Acute!            | Ethylbenzene!                     | Iaphthalene  | nHexane! | Propylene! |
|                      |          |                        |           |            |                       | Lookup Range: | D9:D655                  | D9:D655                            | D9:D655                             | E9:E655           | D9:D655                           | D9:D655      | D9:D655  | D9:D655    |
|                      |          |                        |           |            |                       | Return Range: | A9:A655                  | O9:O655                            | Q9:Q655                             | Q9:Q655           | O9:O655                           | O9:O655      | O9:O655  | O9:O655    |

1. REL Source: CAPCOA, Gasoline Service Station Industrywide Risk Assessment Technical Guidance , Table 13, February 2022, Available at: [https://ww2.arb.ca.gov/sites/default/files/2022-02/2022%20Gasoline%20Service%20Station%20Industrywide%20Risk%20Assessment%20Technical%20Guidance\\_FINAL.pdf](https://ww2.arb.ca.gov/sites/default/files/2022-02/2022%20Gasoline%20Service%20Station%20Industrywide%20Risk%20Assessment%20Technical%20Guidance_FINAL.pdf)



Gas Station Emission Rates - TOG

| Fueling Station - TOG Emissions Factors and Annual Emissions |                                        |                                           |                                                     |                                 |                        |                     |                        |                     |                        |                     |                        |                     |                        |                     |
|--------------------------------------------------------------|----------------------------------------|-------------------------------------------|-----------------------------------------------------|---------------------------------|------------------------|---------------------|------------------------|---------------------|------------------------|---------------------|------------------------|---------------------|------------------------|---------------------|
|                                                              | Emissions Source                       | Annual Gasoline Throughput (gallons/year) | TOG Emissions Factor (lb/1,000 gallon) <sup>1</sup> | TOG Annual Emissions (lbs/year) | Benzene                |                     | Ethylbenzene           |                     | Naphthalene            |                     | n-Hexane               |                     | Propylene (propene)    |                     |
|                                                              |                                        |                                           |                                                     |                                 | Emission Rate (lbs/hr) | Emission Rate (g/s) | Emission Rate (lbs/hr) | Emission Rate (g/s) | Emission Rate (lbs/hr) | Emission Rate (g/s) | Emission Rate (lbs/hr) | Emission Rate (g/s) | Emission Rate (lbs/hr) | Emission Rate (g/s) |
|                                                              |                                        | 3,600,000                                 |                                                     |                                 |                        |                     |                        |                     |                        |                     |                        |                     |                        |                     |
| POINT                                                        | Loading (Bulk Transfer Losses)         |                                           | 0.15                                                | 540.0                           | 0.000281712            | 3.55E-05            | 6.60E-05               | 8.31E-06            | 2.74315E-07            | 3.46E-08            | 1.12E-03               | 1.41E-04            | 2.21548E-06            | 2.79E-07            |
| POINT                                                        | Breathing (Pressure Driven Losses)     |                                           | 0.024                                               | 86.4                            | 4.5074E-05             | 5.68E-06            | 1.06E-05               | 1.33E-06            | 4.38904E-08            | 5.53E-09            | 1.80E-04               | 2.26E-05            | 3.54477E-07            | 4.47E-08            |
| VOL                                                          | Fueling (Non-ORVR Vehicles)            |                                           | 0.42                                                | 1,512.0                         | 0.000788795            | 9.94E-05            | 1.85E-04               | 2.33E-05            | 7.68082E-07            | 9.68E-08            | 3.14E-03               | 3.96E-04            | 6.20334E-06            | 7.82E-07            |
| VOL                                                          | Fueling (ORVR Vehicles)                |                                           | 0.021                                               | 75.6                            | 3.94397E-05            | 4.97E-06            | 9.23E-06               | 1.16E-06            | 3.84041E-08            | 4.84E-09            | 1.57E-04               | 1.98E-05            | 3.10167E-07            | 3.91E-08            |
| VOL                                                          | Hose Permeation (Gasoline Hose Losses) |                                           | 0.009                                               | 32.4                            | 1.69027E-05            | 2.13E-06            | 3.96E-06               | 4.99E-07            | 1.64589E-08            | 2.07E-09            | 6.73E-05               | 8.48E-06            | 1.32929E-07            | 1.67E-08            |
| VOL                                                          | Fueling - Spillage                     |                                           | 0.24                                                | 864.0                           | 0.000697315            | 8.79E-05            | 1.27E-03               | 1.60E-04            | 0.000171616            | 2.16E-05            | 1.83E-03               | 2.31E-04            | 1.20329E-07            | 1.52E-08            |

|                           | Source Type | Source Quantity | Release Height |         |           |                  |           |                  |           |                  |           |                  |           |                  |
|---------------------------|-------------|-----------------|----------------|---------|-----------|------------------|-----------|------------------|-----------|------------------|-----------|------------------|-----------|------------------|
| Loading                   | Point       | 1               | 3.66 m         | 540.0   | 2.817E-04 | <b>3.550E-05</b> | 6.596E-05 | <b>8.311E-06</b> | 2.743E-07 | <b>3.456E-08</b> | 1.122E-03 | <b>1.414E-04</b> | 2.215E-06 | <b>2.791E-07</b> |
| Breathing                 | Point       | 1               | 3.66 m         | 86.4    | 4.507E-05 | <b>5.679E-06</b> | 1.055E-05 | <b>1.330E-06</b> | 4.389E-08 | <b>5.530E-09</b> | 1.795E-04 | <b>2.262E-05</b> | 3.545E-07 | <b>4.466E-08</b> |
| Fueling + Hose Permeation | Volume      | 8               | 1.5 m          | 1,620.0 | 8.45E-04  | <b>1.06E-04</b>  | 1.98E-04  | <b>2.49E-05</b>  | 8.23E-07  | <b>1.04E-07</b>  | 3.37E-03  | <b>4.24E-04</b>  | 6.65E-06  | <b>8.37E-07</b>  |
| Spillage                  | Volume      | 8               | 1 m            | 864.0   | 6.97E-04  | <b>8.79E-05</b>  | 1.27E-03  | <b>1.60E-04</b>  | 1.72E-04  | <b>2.16E-05</b>  | 1.83E-03  | <b>2.31E-04</b>  | 1.20E-07  | <b>1.52E-08</b>  |

Sources:

1. CAPCOA and CARB, Gasoline Service Station Industrywide Risk Assessment Technical Guidance, Table 7, September 2022.

The emission factors do not reflect control technologies required by any Vapor Recovery regulations later than 2013. Regulations later than 2013 include:

- Certification Procedure for Vapor Recovery Systems for Enhanced Conventional (ECO) Nozzles and Low Permeation Conventional Hoses for Use at Gasoline Dispensing Facilities (CP-207)
- Certification Procedure for Vapor Recovery Systems at Gasoline Dispensing Facilities (CP-201) Amended Certification Procedure for Enhanced Conventional (ECO) Nozzles and Low Permeation Conventional Hoses for Use at Gasoline Dispensing Facilities (CP-207)

Conversions

|           |             |         | Substance           | Average Substance Weight in Vapor | Average Substance Weight in Liquid |
|-----------|-------------|---------|---------------------|-----------------------------------|------------------------------------|
| 1 meter = | 0.000621371 | miles   | Benzene             | 0.00457                           | 0.00707                            |
| 1 day =   | 86400       | seconds | Ethylbenzene        | 0.00107                           | 0.0129                             |
| 1 hour =  | 3600        | seconds | Naphthalene         | 0.00000445                        | 0.00174                            |
| 1 pound = | 453.592     | grams   | n-Hexane            | 0.0182                            | 0.0186                             |
|           |             |         | Propylene (propene) | 0.00003594                        | 0.00000122                         |

Source (Table 11): [https://ww2.arb.ca.gov/sites/default/files/2022-03/Draft%202022%20Gas%20Station%20IWG%20-%20Technical%20Guidance\\_ADA%20Compliant.pdf](https://ww2.arb.ca.gov/sites/default/files/2022-03/Draft%202022%20Gas%20Station%20IWG%20-%20Technical%20Guidance_ADA%20Compliant.pdf)



Operational Risk - Fueling/Drive-Thru (Benzene)

|                      |           |                            |          |           | Emissions Rate (g/s):             | Loading        | Breathing | Fueling + Hose | Permeation | Spillage |
|----------------------|-----------|----------------------------|----------|-----------|-----------------------------------|----------------|-----------|----------------|------------|----------|
|                      |           |                            |          |           |                                   | 3.55E-05       | 5.68E-06  | 1.06E-04       | 8.79E-05   |          |
| Discrete Receptor ID |           |                            |          |           | Concentration<br>[µg/m³] at 1 g/s | Unmitigated    |           |                |            |          |
|                      |           |                            |          |           |                                   | Fueling + Hose |           |                |            |          |
| X                    | Y         | X, Y                       | Loading  | Breathing | Permeation                        | Spillage       | Loading   | Breathing      | Permeation | Total    |
| 1                    | 641284.31 | 4290506.68 641284.31, 429C | 2.28914  | 2.2894    | 2.28914                           | 2.24887        | 1.30E-05  | 1.32E-05       | 2.44E-04   | 4.67E-04 |
| 2                    | 641324.31 | 4290506.68 641324.31, 429C | 2.67219  | 2.67251   | 2.67219                           | 2.62615        | 1.52E-05  | 1.52E-05       | 2.85E-04   | 5.46E-04 |
| 3                    | 641364.31 | 4290506.68 641364.31, 429C | 3.16658  | 3.167     | 3.16658                           | 3.11376        | 1.80E-05  | 1.80E-05       | 3.37E-04   | 6.47E-04 |
| 4                    | 641404.31 | 4290506.68 641404.31, 429C | 3.81615  | 3.81671   | 3.81615                           | 3.75744        | 2.17E-05  | 2.17E-05       | 4.06E-04   | 7.80E-04 |
| 5                    | 641284.31 | 4290546.68 641284.31, 429C | 2.37419  | 2.37447   | 2.37419                           | 2.30269        | 1.35E-05  | 1.35E-05       | 2.53E-04   | 4.82E-04 |
| 6                    | 641324.31 | 4290546.68 641324.31, 429C | 2.78725  | 2.78751   | 2.78725                           | 2.6998         | 1.58E-05  | 1.58E-05       | 2.97E-04   | 5.66E-04 |
| 7                    | 641364.31 | 4290546.68 641364.31, 429C | 3.33085  | 3.33132   | 3.33085                           | 3.22046        | 1.89E-05  | 1.89E-05       | 3.55E-04   | 6.75E-04 |
| 8                    | 641404.31 | 4290546.68 641404.31, 429C | 4.0608   | 4.06145   | 4.0608                            | 3.9179         | 2.31E-05  | 2.31E-05       | 4.32E-04   | 8.23E-04 |
| 9                    | 641284.31 | 4290586.68 641284.31, 429C | 2.44038  | 2.44068   | 2.44038                           | 2.33928        | 1.39E-05  | 1.39E-05       | 2.60E-04   | 4.93E-04 |
| 10                   | 641324.31 | 4290586.68 641324.31, 429C | 2.87714  | 2.87753   | 2.87714                           | 2.74864        | 1.63E-05  | 1.63E-05       | 3.06E-04   | 5.81E-04 |
| 11                   | 641364.31 | 4290586.68 641364.31, 429C | 3.4544   | 3.45492   | 3.4544                            | 3.28594        | 1.96E-05  | 1.96E-05       | 3.68E-04   | 6.96E-04 |
| 12                   | 641404.31 | 4290586.68 641404.31, 429C | 4.23507  | 4.23579   | 4.23507                           | 4.00821        | 2.41E-05  | 2.41E-05       | 4.51E-04   | 8.51E-04 |
| 13                   | 641284.31 | 4290626.68 641284.31, 429C | 2.49133  | 2.49164   | 2.49133                           | 2.36987        | 1.41E-05  | 1.42E-05       | 2.65E-04   | 5.02E-04 |
| 14                   | 641324.31 | 4290626.68 641324.31, 429C | 2.9374   | 2.93781   | 2.9374                            | 2.78263        | 1.67E-05  | 1.67E-05       | 3.13E-04   | 5.91E-04 |
| 15                   | 641364.31 | 4290626.68 641364.31, 429C | 3.53272  | 3.53327   | 3.53272                           | 3.32778        | 2.01E-05  | 2.01E-05       | 3.76E-04   | 7.09E-04 |
| 16                   | 641404.31 | 4290626.68 641404.31, 429C | 4.33498  | 4.33574   | 4.33498                           | 4.05774        | 2.46E-05  | 2.46E-05       | 4.62E-04   | 8.67E-04 |
| 17                   | 641284.31 | 4290666.68 641284.31, 429C | 2.5318   | 2.53213   | 2.5318                            | 2.39596        | 1.44E-05  | 1.44E-05       | 2.70E-04   | 5.09E-04 |
| 18                   | 641324.31 | 4290666.68 641324.31, 429C | 2.98996  | 2.99039   | 2.98996                           | 2.81501        | 1.70E-05  | 1.70E-05       | 3.18E-04   | 6.00E-04 |
| 19                   | 641364.31 | 4290666.68 641364.31, 429C | 3.60758  | 3.60815   | 3.60758                           | 3.37189        | 2.05E-05  | 2.05E-05       | 3.84E-04   | 7.21E-04 |
| 20                   | 641404.31 | 4290666.68 641404.31, 429C | 4.42784  | 4.42863   | 4.42784                           | 4.11052        | 2.51E-05  | 2.52E-05       | 4.72E-04   | 8.83E-04 |
| 21                   | 641284.31 | 4290706.68 641284.31, 429C | 2.56649  | 2.56683   | 2.56649                           | 2.41563        | 1.46E-05  | 1.46E-05       | 2.73E-04   | 5.15E-04 |
| 22                   | 641324.31 | 4290706.68 641324.31, 429C | 3.03692  | 3.03736   | 3.03692                           | 2.8413         | 1.72E-05  | 1.72E-05       | 3.23E-04   | 6.08E-04 |
| 23                   | 641364.31 | 4290706.68 641364.31, 429C | 3.67397  | 3.67455   | 3.67397                           | 3.40921        | 2.09E-05  | 2.09E-05       | 3.91E-04   | 7.32E-04 |
| 24                   | 641404.31 | 4290706.68 641404.31, 429C | 4.52911  | 4.52993   | 4.52911                           | 4.17204        | 2.57E-05  | 2.57E-05       | 4.82E-04   | 9.00E-04 |
| 25                   | 641284.31 | 4290746.68 641284.31, 429C | 2.60298  | 2.60332   | 2.60298                           | 2.43528        | 1.48E-05  | 1.48E-05       | 2.77E-04   | 5.21E-04 |
| 26                   | 641324.31 | 4290746.68 641324.31, 429C | 3.08236  | 3.08281   | 3.08236                           | 2.86816        | 1.75E-05  | 1.75E-05       | 3.28E-04   | 6.15E-04 |
| 27                   | 641364.31 | 4290746.68 641364.31, 429C | 3.73756  | 3.73816   | 3.73756                           | 3.45213        | 2.12E-05  | 2.12E-05       | 3.98E-04   | 7.44E-04 |
| 28                   | 641404.31 | 4290746.68 641404.31, 429C | 4.63986  | 4.64072   | 4.63986                           | 4.2535         | 2.64E-05  | 2.64E-05       | 4.94E-04   | 9.20E-04 |
| 29                   | 641284.31 | 4290786.68 641284.31, 429C | 2.64338  | 2.64373   | 2.64338                           | 2.46181        | 1.50E-05  | 1.50E-05       | 2.81E-04   | 5.28E-04 |
| 30                   | 641324.31 | 4290786.68 641324.31, 429C | 3.13751  | 3.13798   | 3.13751                           | 2.9096         | 1.78E-05  | 1.78E-05       | 3.34E-04   | 6.25E-04 |
| 31                   | 641364.31 | 4290786.68 641364.31, 429C | 3.81428  | 3.81491   | 3.81428                           | 3.51655        | 2.17E-05  | 2.17E-05       | 4.06E-04   | 7.58E-04 |
| 32                   | 641404.31 | 4290786.68 641404.31, 429C | 4.7682   | 4.7691    | 4.7682                            | 4.36265        | 2.71E-05  | 2.71E-05       | 5.08E-04   | 9.45E-04 |
| 33                   | 641284.31 | 4290826.68 641284.31, 429C | 2.6908   | 2.69116   | 2.6908                            | 2.50011        | 1.53E-05  | 1.53E-05       | 2.87E-04   | 5.37E-04 |
| 34                   | 641324.31 | 4290826.68 641324.31, 429C | 3.20671  | 3.20719   | 3.20671                           | 2.9688         | 1.82E-05  | 1.82E-05       | 3.41E-04   | 6.39E-04 |
| 35                   | 641364.31 | 4290826.68 641364.31, 429C | 3.90636  | 3.90702   | 3.90636                           | 3.59923        | 2.22E-05  | 2.22E-05       | 4.16E-04   | 7.77E-04 |
| 36                   | 641404.31 | 4290826.68 641404.31, 429C | 4.90472  | 4.90565   | 4.90472                           | 4.48191        | 2.79E-05  | 2.79E-05       | 5.22E-04   | 9.72E-04 |
| 37                   | 641284.31 | 4290866.68 641284.31, 429C | 2.74392  | 2.74429   | 2.74392                           | 2.54817        | 1.56E-05  | 1.56E-05       | 2.92E-04   | 5.47E-04 |
| 38                   | 641324.31 | 4290866.68 641324.31, 429C | 3.28208  | 3.28258   | 3.28208                           | 3.03603        | 1.86E-05  | 1.86E-05       | 3.49E-04   | 6.54E-04 |
| 39                   | 641364.31 | 4290866.68 641364.31, 429C | 4.00655  | 4.00723   | 4.00655                           | 3.68715        | 2.28E-05  | 2.28E-05       | 4.27E-04   | 7.96E-04 |
| 40                   | 641404.31 | 4290866.68 641404.31, 429C | 5.02308  | 5.02404   | 5.02308                           | 4.58414        | 2.85E-05  | 2.85E-05       | 5.35E-04   | 9.95E-04 |
| 41                   | 641268.28 | 4290889.76 641268.28, 429C | 2.59465  | 2.59499   | 2.59465                           | 2.41318        | 1.47E-05  | 1.47E-05       | 2.76E-04   | 5.18E-04 |
| 42                   | 641308.28 | 4290889.76 641308.28, 429C | 3.08807  | 3.08852   | 3.08807                           | 2.85972        | 1.75E-05  | 1.75E-05       | 3.29E-04   | 6.15E-04 |
| 43                   | 641348.28 | 4290889.76 641348.28, 429C | 3.73698  | 3.73759   | 3.73698                           | 3.44498        | 2.12E-05  | 2.12E-05       | 3.98E-04   | 7.43E-04 |
| 44                   | 641388.28 | 4290889.76 641388.28, 429C | 4.62282  | 4.62365   | 4.62282                           | 4.23368        | 2.63E-05  | 2.63E-05       | 4.92E-04   | 9.17E-04 |
| 45                   | 641428.28 | 4290889.76 641428.28, 429C | 5.83259  | 5.83374   | 5.83259                           | 5.29918        | 3.31E-05  | 3.31E-05       | 6.21E-04   | 1.15E-03 |
| 46                   | 641468.28 | 4290889.76 641468.28, 429C | 7.45425  | 7.45582   | 7.45425                           | 6.71314        | 4.23E-05  | 4.23E-05       | 7.94E-04   | 1.47E-03 |
| 47                   | 641508.28 | 4290889.76 641508.28, 429C | 9.5641   | 9.56614   | 9.5641                            | 8.50921        | 5.43E-05  | 5.43E-05       | 1.02E-03   | 1.87E-03 |
| 48                   | 641548.28 | 4290889.76 641548.28, 429C | 12.10557 | 12.10804  | 12.10557                          | 10.588         | 6.88E-05  | 6.88E-05       | 1.29E-03   | 2.36E-03 |
| 49                   | 641588.28 | 4290889.76 641588.28, 429C | 14.78987 | 14.79248  | 14.78987                          | 12.6611        | 8.40E-05  | 8.40E-05       | 1.57E-03   | 2.86E-03 |
| 50                   | 641628.28 | 4290889.76 641628.28, 429C | 17.04372 | 17.04593  | 17.04372                          | 14.29707       | 9.68E-05  | 9.68E-05       | 1.81E-03   | 3.26E-03 |
| 51                   | 641288.28 | 4290889.76 641288.28, 429C | 1.8141   | 1.81393   | 1.8141                            | 1.79156        | 1.03E-05  | 1.03E-05       | 1.93E-04   | 3.71E-04 |
| 52                   | 642228.28 | 4290889.76 642228.28, 429C | 1.60832  | 1.60819   | 1.60832                           | 1.589          | 9.13E-06  | 9.13E-06       | 1.71E-04   | 3.29E-04 |
| 53                   | 642268.28 | 4290889.76 642268.28, 429C | 1.43746  | 1.43734   | 1.43746                           | 1.42185        | 8.16E-06  | 8.16E-06       | 1.53E-04   | 2.94E-04 |
| 54                   | 642308.28 | 4290889.76 642308.28, 429C | 1.29357  | 1.29347   | 1.29357                           | 1.28191        | 7.35E-06  | 7.35E-06       | 1.38E-04   | 2.65E-04 |
| 55                   | 642348.28 | 4290889.76 642348.28, 429C | 1.17114  | 1.17105   | 1.17114                           | 1.16327        | 6.65E-06  | 6.65E-06       | 1.25E-04   | 2.40E-04 |
| 56                   | 642388.28 | 4290889.76 642388.28, 429C | 1.06597  | 1.06588   | 1.06597                           | 1.06146        | 6.05E-06  | 6.05E-06       | 1.14E-04   | 2.19E-04 |
| 57                   | 642428.28 | 4290889.76 642428.28, 429C | 0.97484  | 0.97477   | 0.97484                           | 0.97313        | 5.54E-06  | 5.54E-06       | 1.04E-04   | 8.55E-05 |
| 58                   | 641268.28 | 4290929.76 641268.28, 429C | 2.64585  | 2.6462    | 2.64585                           | 2.46002        | 1.50E-05  | 1.50E-05       | 2.82E-04   | 5.28E-04 |
| 59                   | 641308.28 | 4290929.76 641308.28, 429C | 3.15136  | 3.15182   | 3.15136                           | 2.9161         | 1.79E-05  | 1.79E-05       | 3.36E-04   | 6.28E-04 |
| 60                   | 641348.28 | 4290929.76 641348.28, 429C | 3.80527  | 3.80588   | 3.80527                           | 3.50607        | 2.16E-05  | 2.16E-05       | 4.05E-04   | 7.56E-04 |
| 61                   | 641388.28 | 4290929.76 641388.28, 429C | 4.66994  | 4.67075   | 4.66994                           | 4.28051        | 2.65E-05  | 2.65E-05       | 4.97E-04   | 9.26E-04 |
| 62                   | 641428.28 | 4290929.76 641428.28, 429C | 5.79894  | 5.8       | 5.79894                           | 5.28453        | 3.29E-05  | 3.29E-05       | 6.18E-04   | 1.15E-03 |
| 63                   | 641468.28 | 4290929.76 641468.28, 429C | 7.2232   | 7.22456   | 7.2232                            | 6.53805        | 4.10E-05  | 4.10E-05       | 7.69E-04   | 1.43E-03 |
| 64                   | 641508.28 | 4290929.76 641508.28, 429C | 8.93237  | 8.93401   | 8.93237                           | 8.00344        | 5.07E-05  | 5.07E-05       | 9.03E-04   | 1.76E-03 |
| 65                   | 641548.28 | 4290929.76 641548.28, 429C | 10.80265 | 10.80445  | 10.80265                          | 9.53881        | 6.14E-05  | 6.14E-05       | 1.15E-03   | 2.11E-03 |
| 66                   | 641588.28 | 4290929.76 641588.28, 429C | 12.57137 | 12.5733   | 12.57137                          | 10.9114        | 7.14E-05  | 7.14E-05       | 1.34E-03   | 2.44E-03 |
| 67                   | 641628.28 | 4290929.76 641628.28, 429C | 13.87408 | 13.8754   | 13.87408                          | 11.86802       | 7.88E-05  | 7.88E-05       | 1.48E-03   | 2.68E-03 |



|     |           |            |                 |         |         |         |         |          |          |          |          |          |         |         |         |         |         |         |         |         |         |         |         |
|-----|-----------|------------|-----------------|---------|---------|---------|---------|----------|----------|----------|----------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 110 | 641668.28 | 4291009.76 | 641668.28, 4291 | 9.60751 | 9.60768 | 9.60751 | 8.4665  | 5.46E-05 | 5.46E-05 | 1.02E-03 | 7.44E-04 | 1.88E-03 | 6.5E-07 | 2.0E-06 | 1.1E-06 | 1.0E-06 | 4.7E-07 | 2.0E-09 | 4.8E-08 | 2.5E-08 | 2.2E-08 | 6.7E-09 | 1.0E-07 |
| 111 | 641708.28 | 4291009.76 | 641708.28, 4291 | 9.1673  | 9.1671  | 9.1673  | 8.14053 | 5.21E-05 | 5.21E-05 | 9.76E-04 | 7.15E-04 | 1.80E-03 | 6.2E-07 | 1.9E-06 | 1.1E-06 | 9.8E-07 | 4.5E-07 | 1.9E-09 | 4.6E-08 | 2.3E-08 | 2.1E-08 | 6.4E-09 | 9.9E-08 |
| 112 | 641748.28 | 4291009.76 | 641748.28, 4291 | 8.34683 | 8.34632 | 8.34683 | 7.51531 | 4.74E-05 | 4.74E-05 | 8.89E-04 | 6.60E-04 | 1.64E-03 | 5.7E-07 | 1.7E-06 | 9.9E-07 | 9.0E-07 | 4.1E-07 | 1.7E-09 | 4.2E-08 | 2.1E-08 | 1.9E-08 | 5.9E-09 | 9.0E-08 |
| 113 | 641788.28 | 4291009.76 | 641788.28, 4291 | 7.29983 | 7.29916 | 7.29983 | 6.69239 | 4.15E-05 | 4.15E-05 | 7.77E-04 | 5.88E-04 | 1.45E-03 | 5.0E-07 | 1.5E-06 | 8.8E-07 | 7.9E-07 | 3.6E-07 | 1.5E-09 | 3.7E-08 | 1.9E-08 | 1.7E-08 | 5.2E-09 | 8.0E-08 |
| 114 | 641828.28 | 4291009.76 | 641828.28, 4291 | 6.20016 | 6.19945 | 6.20016 | 5.79822 | 3.52E-05 | 3.52E-05 | 6.60E-04 | 5.09E-04 | 1.24E-03 | 4.3E-07 | 1.3E-06 | 7.5E-07 | 6.8E-07 | 3.1E-07 | 1.3E-09 | 3.1E-08 | 1.6E-08 | 1.5E-08 | 4.5E-09 | 6.8E-08 |
| 115 | 641868.28 | 4291009.76 | 641868.28, 4291 | 5.193   | 5.19235 | 5.193   | 4.9397  | 2.95E-05 | 2.95E-05 | 5.53E-04 | 4.34E-04 | 1.05E-03 | 3.6E-07 | 1.1E-06 | 6.3E-07 | 5.7E-07 | 2.6E-07 | 1.1E-09 | 2.7E-08 | 1.4E-08 | 1.2E-08 | 3.3E-09 | 5.7E-08 |
| 116 | 641908.28 | 4291009.76 | 641908.28, 4291 | 4.26631 | 4.26536 | 4.26631 | 4.17244 | 2.46E-05 | 2.46E-05 | 4.62E-04 | 3.67E-04 | 8.78E-04 | 3.0E-07 | 9.2E-07 | 5.3E-07 | 4.8E-07 | 2.2E-07 | 9.2E-10 | 2.2E-08 | 1.1E-08 | 1.0E-08 | 3.1E-09 | 4.8E-08 |
| 117 | 641948.28 | 4291009.76 | 641948.28, 4291 | 3.63912 | 3.63867 | 3.63912 | 3.52449 | 2.07E-05 | 2.07E-05 | 3.88E-04 | 3.10E-04 | 7.39E-04 | 2.6E-07 | 7.7E-07 | 4.5E-07 | 4.1E-07 | 1.8E-07 | 7.8E-10 | 1.9E-08 | 9.7E-09 | 8.7E-09 | 2.7E-09 | 4.1E-08 |
| 118 | 642188.28 | 4291009.76 | 642188.28, 4291 | 1.56955 | 1.56942 | 1.56955 | 1.55039 | 8.91E-06 | 8.91E-06 | 1.67E-04 | 1.36E-04 | 3.21E-04 | 1.1E-07 | 3.4E-07 | 1.9E-07 | 1.8E-07 | 8.0E-08 | 3.4E-10 | 8.2E-09 | 4.2E-09 | 3.8E-09 | 1.2E-09 | 1.8E-08 |
| 119 | 642228.28 | 4291009.76 | 642228.28, 4291 | 1.40547 | 1.40536 | 1.40547 | 1.38917 | 7.98E-06 | 7.98E-06 | 1.50E-04 | 1.22E-04 | 2.88E-04 | 1.0E-07 | 3.0E-07 | 1.7E-07 | 1.6E-07 | 7.2E-08 | 3.0E-10 | 7.3E-09 | 3.8E-09 | 3.4E-09 | 1.0E-09 | 1.6E-08 |
| 120 | 642268.28 | 4291009.76 | 642268.28, 4291 | 1.26752 | 1.26742 | 1.26752 | 1.2524  | 7.20E-06 | 7.20E-06 | 1.35E-04 | 1.10E-04 | 2.59E-04 | 9.0E-08 | 2.7E-07 | 1.6E-07 | 1.4E-07 | 6.5E-08 | 2.7E-10 | 6.6E-09 | 3.4E-09 | 3.1E-09 | 9.3E-10 | 1.4E-08 |
| 121 | 642308.28 | 4291009.76 | 642308.28, 4291 | 1.14974 | 1.14966 | 1.14974 | 1.13516 | 6.53E-06 | 6.53E-06 | 1.22E-04 | 9.97E-05 | 2.35E-04 | 8.1E-08 | 2.5E-07 | 1.4E-07 | 1.3E-07 | 5.9E-08 | 2.5E-10 | 6.0E-09 | 3.1E-09 | 2.8E-09 | 8.4E-10 | 1.3E-08 |
| 122 | 642348.28 | 4291009.76 | 642348.28, 4291 | 1.04828 | 1.04821 | 1.04828 | 1.03422 | 5.95E-06 | 5.95E-06 | 1.12E-04 | 9.09E-05 | 2.14E-04 | 7.4E-08 | 2.2E-07 | 1.3E-07 | 1.2E-07 | 5.4E-08 | 2.3E-10 | 5.4E-09 | 2.8E-09 | 2.5E-09 | 7.7E-10 | 1.2E-08 |
| 123 | 642388.28 | 4291009.76 | 642388.28, 4291 | 0.96069 | 0.96063 | 0.96069 | 0.94745 | 5.46E-06 | 5.46E-06 | 1.02E-04 | 8.32E-05 | 1.96E-04 | 6.8E-08 | 2.1E-07 | 1.2E-07 | 1.1E-07 | 4.9E-08 | 2.1E-10 | 5.0E-09 | 2.6E-09 | 2.3E-09 | 7.1E-10 | 1.1E-08 |
| 124 | 642428.28 | 4291009.76 | 642428.28, 4291 | 0.88463 | 0.88458 | 0.88463 | 0.87257 | 5.02E-06 | 5.02E-06 | 9.42E-05 | 7.67E-05 | 1.81E-04 | 6.3E-08 | 1.9E-07 | 1.1E-07 | 9.9E-08 | 4.5E-08 | 1.9E-10 | 4.6E-09 | 2.4E-09 | 2.1E-09 | 6.5E-10 | 9.9E-09 |
| 125 | 641268.28 | 4291049.76 | 641268.28, 4291 | 2.74627 | 2.74662 | 2.74627 | 2.55727 | 1.56E-05 | 1.56E-05 | 2.92E-04 | 2.25E-04 | 5.48E-04 | 1.9E-07 | 5.7E-07 | 3.3E-07 | 3.0E-07 | 1.4E-07 | 5.8E-10 | 1.4E-08 | 7.2E-09 | 6.5E-09 | 2.0E-09 | 3.0E-08 |
| 126 | 641308.28 | 4291049.76 | 641308.28, 4291 | 3.21799 | 3.21842 | 3.21799 | 2.99367 | 1.83E-05 | 1.83E-05 | 2.63E-04 | 2.03E-04 | 7.55E-04 | 2.2E-07 | 6.7E-07 | 3.9E-07 | 3.5E-07 | 1.6E-07 | 6.7E-10 | 1.6E-08 | 8.4E-09 | 7.6E-09 | 2.3E-09 | 3.5E-08 |
| 127 | 641348.28 | 4291049.76 | 641348.28, 4291 | 3.786   | 3.78652 | 3.786   | 3.52078 | 2.15E-05 | 2.15E-05 | 4.03E-04 | 3.09E-04 | 8.87E-04 | 2.6E-07 | 7.9E-07 | 4.6E-07 | 4.1E-07 | 1.9E-07 | 7.9E-10 | 1.9E-08 | 9.9E-09 | 9.0E-09 | 2.7E-09 | 4.2E-08 |
| 128 | 641388.28 | 4291049.76 | 641388.28, 4291 | 4.44751 | 4.44812 | 4.44751 | 4.13376 | 2.53E-05 | 2.53E-05 | 4.74E-04 | 3.63E-04 | 1.03E-03 | 3.1E-07 | 9.3E-07 | 5.4E-07 | 4.9E-07 | 2.2E-07 | 9.3E-10 | 2.3E-08 | 1.2E-08 | 1.1E-08 | 3.2E-09 | 4.9E-08 |
| 129 | 641428.28 | 4291049.76 | 641428.28, 4291 | 5.1865  | 5.18719 | 5.1865  | 4.81054 | 2.95E-05 | 2.95E-05 | 5.52E-04 | 4.23E-04 | 1.19E-03 | 3.6E-07 | 1.1E-06 | 6.3E-07 | 5.7E-07 | 2.6E-07 | 1.1E-09 | 2.6E-08 | 1.4E-08 | 1.2E-08 | 3.7E-09 | 5.7E-08 |
| 130 | 641468.28 | 4291049.76 | 641468.28, 4291 | 5.9729  | 5.97865 | 5.9729  | 5.5106  | 3.39E-05 | 3.39E-05 | 6.36E-04 | 4.84E-04 | 1.36E-03 | 4.1E-07 | 1.2E-06 | 7.2E-07 | 6.5E-07 | 3.0E-07 | 1.2E-09 | 3.0E-08 | 1.6E-08 | 1.4E-08 | 4.3E-09 | 6.5E-08 |
| 131 | 641508.28 | 4291049.76 | 641508.28, 4291 | 6.74438 | 6.74512 | 6.74438 | 6.16905 | 3.83E-05 | 3.83E-05 | 7.18E-04 | 5.42E-04 | 1.54E-03 | 4.6E-07 | 1.4E-06 | 8.1E-07 | 7.3E-07 | 3.4E-07 | 1.4E-09 | 3.4E-08 | 1.7E-08 | 1.6E-08 | 4.8E-09 | 7.3E-08 |
| 132 | 641548.28 | 4291049.76 | 641548.28, 4291 | 7.41909 | 7.41977 | 7.41909 | 6.71546 | 4.21E-05 | 4.21E-05 | 7.90E-04 | 5.90E-04 | 1.46E-03 | 5.1E-07 | 1.5E-06 | 8.9E-07 | 8.0E-07 | 3.7E-07 | 1.5E-09 | 3.7E-08 | 1.9E-08 | 1.7E-08 | 5.3E-09 | 8.0E-08 |
| 133 | 641588.28 | 4291049.76 | 641588.28, 4291 | 7.91107 | 7.91161 | 7.91107 | 7.09281 | 4.49E-05 | 4.49E-05 | 8.42E-04 | 6.23E-04 | 1.56E-03 | 5.4E-07 | 1.6E-06 | 9.4E-07 | 8.5E-07 | 3.9E-07 | 1.6E-09 | 3.9E-08 | 2.0E-08 | 1.8E-08 | 5.6E-09 | 8.5E-08 |
| 134 | 641628.28 | 4291049.76 | 641628.28, 4291 | 8.14689 | 8.14722 | 8.14689 | 7.26509 | 4.63E-05 | 4.63E-05 | 8.68E-04 | 6.38E-04 | 1.60E-03 | 5.5E-07 | 1.7E-06 | 9.7E-07 | 8.8E-07 | 4.0E-07 | 1.7E-09 | 4.1E-08 | 2.1E-08 | 1.9E-08 | 5.7E-09 | 8.8E-08 |
| 135 | 641668.28 | 4291049.76 | 641668.28, 4291 | 8.07904 | 8.07912 | 8.07904 | 7.21007 | 4.59E-05 | 4.59E-05 | 8.60E-04 | 6.33E-04 | 1.59E-03 | 5.5E-07 | 1.7E-06 | 9.6E-07 | 8.7E-07 | 4.0E-07 | 1.7E-09 | 4.0E-08 | 2.1E-08 | 1.9E-08 | 5.7E-09 | 8.7E-08 |
| 136 | 641708.28 | 4291049.76 | 641708.28, 4291 | 7.70103 | 7.70085 | 7.70103 | 6.91836 | 4.37E-05 | 4.37E-05 | 8.20E-04 | 6.08E-04 | 1.52E-03 | 5.2E-07 | 1.6E-06 | 9.2E-07 | 8.3E-07 | 3.8E-07 | 1.6E-09 | 3.8E-08 | 2.0E-08 | 1.8E-08 | 5.4E-09 | 8.3E-08 |
| 137 | 641748.28 | 4291049.76 | 641748.28, 4291 | 7.06249 | 7.06211 | 7.06249 | 6.41515 | 4.01E-05 | 4.01E-05 | 7.52E-04 | 5.64E-04 | 1.40E-03 | 4.8E-07 | 1.5E-06 | 8.4E-07 | 7.7E-07 | 3.5E-07 | 1.5E-09 | 3.5E-08 | 1.8E-08 | 1.7E-08 | 5.0E-09 | 7.7E-08 |
| 138 | 641788.28 | 4291049.76 | 641788.28, 4291 | 6.26346 | 6.26295 | 6.26346 | 5.77165 | 3.56E-05 | 3.56E-05 | 6.67E-04 | 5.07E-04 | 1.25E-03 | 4.3E-07 | 1.3E-06 | 7.5E-07 | 6.8E-07 | 3.1E-07 | 1.3E-09 | 3.2E-08 | 1.6E-08 | 1.5E-08 | 4.5E-09 | 6.8E-08 |
| 139 | 641828.28 | 4291049.76 | 641828.28, 4291 | 5.41488 | 5.41434 | 5.41488 | 5.07205 | 3.08E-05 | 3.08E-05 | 5.77E-04 | 4.46E-04 | 1.08E-03 | 3.8E-07 | 1.1E-06 | 6.6E-07 | 5.9E-07 | 2.7E-07 | 1.1E-09 | 2.8E-08 | 1.4E-08 | 1.3E-08 | 3.9E-09 | 6.0E-08 |
| 140 | 641868.28 | 4291049.76 | 641868.28, 4291 | 4.6191  | 4.61858 | 4.6191  | 4.39238 | 2.62E-05 | 2.62E-05 | 4.92E-04 | 3.86E-04 | 9.30E-04 | 3.2E-07 | 9.7E-07 | 5.6E-07 | 5.1E-07 | 2.3E-07 | 9.8E-10 | 2.4E-08 | 1.2E-08 | 1.1E-08 | 3.3E-09 | 5.1E-08 |
| 141 | 641908.28 | 4291049.76 | 641908.28, 4291 | 3.92011 | 3.91966 | 3.92011 | 3.76931 | 2.23E-05 | 2.23E-05 | 4.17E-04 | 3.31E-04 | 7.93E-04 | 2.7E-07 | 8.3E-07 | 4.8E-07 | 4.4E-07 | 2.0E-07 | 8.3E-10 | 2.0E-08 | 1.0E-08 | 9.4E-09 | 2.8E-09 | 4.4E-08 |
| 142 | 641948.28 | 4291049.76 | 641948.28, 4291 | 3.33465 | 3.33427 | 3.33465 | 3.22758 | 1.89E-05 | 1.89E-05 | 3.55E-04 | 2.84E-04 | 6.77E-04 | 2.3E-07 | 7.1E-07 | 4.1E-07 | 3.7E-07 | 1.7E-07 | 7.1E-10 | 1.7E-08 | 8.8E-09 | 8.0E-09 | 2.4E-09 | 3.7E-08 |
| 143 | 642188.28 | 4291049.76 | 642188.28, 4291 | 1.49753 | 1.49741 | 1.49753 | 1.47748 | 8.50E-06 | 8.50E-06 | 1.59E-04 | 1.30E-04 | 3.06E-04 | 1.1E-07 | 3.2E-07 | 1.9E-07 | 1.7E-07 | 7.7E-08 | 3.2E-10 | 7.8E-09 | 4.0E-09 | 3.6E-09 | 1.1E-09 | 1.7E-08 |
| 144 | 642228.28 | 4291049.76 | 642228.28, 4291 | 1.34657 | 1.34647 | 1.34657 | 1.33067 | 7.65E-06 | 7.65E-06 | 1.43E-04 | 1.17E-04 | 2.76E-04 | 9.5E-08 | 2.9E-07 | 1.7E-07 | 1.5E-07 | 6.9E-08 | 2.9E-10 | 7.0E-09 | 3.6E-09 | 3.3E-09 | 9.9E-10 | 1.5E-08 |
| 145 | 642268.28 | 4291049.76 | 642268.28, 4291 | 1.21716 | 1.21751 | 1.21716 | 1.20386 | 6.92E-06 | 6.92E-06 | 1.30E-04 | 1.06E-04 | 2.49E-04 | 8.6E-08 | 2.6E-07 | 1.5E-07 | 1.4E-07 | 6.2E-08 | 2.6E-10 | 6.3E-09 | 3.3E-09 | 3.0E-09 | 8.9E-10 | 1.4E-08 |
| 146 | 642308.28 | 4291049.76 | 642308.28, 4291 | 1.10706 | 1.10706 | 1.10706 | 1.09421 | 6.20E-06 | 6.20E-06 | 1.10E-04 | 9.21E-05 | 2.27E-04 | 7.8E-08 | 2.4E-07 | 1.4E-07 | 1.2E-07 | 5.7E-08 | 2.4E-10 | 3.4E-09 | 1.7E-08 | 1.6E-08 | 4.8E-09 | 7.3E-08 |
| 147 | 642348.28 | 4291049.76 | 642348.28, 4291 | 1.01146 | 1.01139 | 1.01146 | 0.99893 | 5.74E-06 | 5.74E-06 | 1.08E-04 | 8.78E-05 | 2.07E-04 | 7.2E-08 | 2.2E-07 | 1.3E-07 | 1.1E-07 | 5.2E-08 | 2.2E-10 | 5.3E-09 | 2.7E-09 | 2.5E-09 | 7.4E-10 | 1.1E-08 |
| 148 | 642388.28 | 4291049.76 | 642388.28, 4291 | 0.92867 | 0.92861 | 0.92867 | 0.91637 | 5.27E-06 | 5.27E-06 | 9.89E-05 | 8.05E-05 | 1.90E-04 | 6.6E-08 | 2.0E-07 | 1.1E-07 | 1.0E-07 | 4.8E-08 | 2.0E-10 | 4.8E-09 | 2.5E-09 | 2.3E-09 | 6.8E-10 | 1.0E-08 |
| 149 | 642428.28 | 4291049.76 | 642428.28, 4291 | 0.85655 | 0.8565  | 0.85655 | 0.84469 | 4.86E-06 | 4.86E-06 | 9.12E-05 | 7.42E-05 | 1.75E-04 | 6.1E-08 | 1.8E-07 | 1.1E-07 | 9.6E-08 | 4.4E-08 | 1.8E-10 | 4.4E-09 | 2.3E-09 | 2.1E-09 | 6.3E-10 | 9.6E-09 |
| 150 | 641268.28 | 4291089.76 | 641268.28, 4291 | 2.74415 | 2.74449 | 2.74415 | 2.56385 | 1.56E-05 | 1.56E-05 | 2.92E    |          |          |         |         |         |         |         |         |         |         |         |         |         |



|     |           |            |                 |         |         |         |         |          |          |          |          |          |         |         |         |         |         |         |         |         |         |         |         |
|-----|-----------|------------|-----------------|---------|---------|---------|---------|----------|----------|----------|----------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 230 | 641454.56 | 4290266.75 | 641454.56, 429C | 2.62794 | 2.62812 | 2.62794 | 2.78733 | 1.49E-05 | 1.49E-05 | 2.80E-04 | 2.45E-04 | 5.55E-04 | 1.9E-07 | 5.8E-07 | 3.4E-07 | 3.0E-07 | 1.4E-07 | 5.8E-10 | 1.4E-08 | 7.2E-09 | 6.6E-09 | 2.0E-09 | 3.0E-08 |
| 231 | 641494.56 | 4290266.75 | 641494.56, 429C | 2.93458 | 2.93477 | 2.93458 | 3.159   | 1.67E-05 | 1.67E-05 | 3.12E-04 | 2.78E-04 | 6.23E-04 | 2.2E-07 | 6.5E-07 | 3.8E-07 | 3.4E-07 | 1.6E-07 | 6.6E-10 | 1.6E-08 | 8.1E-09 | 7.4E-09 | 2.2E-09 | 3.4E-08 |
| 232 | 641534.56 | 4290266.75 | 641534.56, 429C | 3.2698  | 3.26999 | 3.2698  | 3.57206 | 1.86E-05 | 1.86E-05 | 3.48E-04 | 3.14E-04 | 6.99E-04 | 2.4E-07 | 7.3E-07 | 4.2E-07 | 3.8E-07 | 1.7E-07 | 7.3E-10 | 1.8E-08 | 9.1E-09 | 8.3E-09 | 2.5E-09 | 3.8E-08 |
| 233 | 641574.56 | 4290266.75 | 641574.56, 429C | 3.63613 | 3.63633 | 3.63613 | 4.0301  | 2.07E-05 | 2.07E-05 | 3.87E-04 | 3.54E-04 | 7.83E-04 | 2.7E-07 | 8.2E-07 | 4.7E-07 | 4.3E-07 | 2.0E-07 | 8.2E-10 | 2.0E-08 | 1.0E-08 | 9.3E-09 | 2.8E-09 | 4.3E-08 |
| 234 | 641614.56 | 4290266.75 | 641614.56, 429C | 4.03153 | 4.03172 | 4.03153 | 4.53839 | 2.29E-05 | 2.29E-05 | 4.29E-04 | 3.99E-04 | 8.74E-04 | 3.0E-07 | 9.1E-07 | 5.3E-07 | 4.8E-07 | 2.2E-07 | 9.2E-10 | 2.2E-08 | 1.1E-08 | 1.0E-08 | 3.1E-09 | 4.8E-08 |
| 235 | 641654.56 | 4290266.75 | 641654.56, 429C | 4.44416 | 4.44436 | 4.44416 | 5.08726 | 2.52E-05 | 2.52E-05 | 4.73E-04 | 4.47E-04 | 9.71E-04 | 3.4E-07 | 1.0E-06 | 5.9E-07 | 5.3E-07 | 2.4E-07 | 1.0E-09 | 2.5E-08 | 1.3E-08 | 1.2E-08 | 3.5E-09 | 5.3E-08 |
| 236 | 641694.56 | 4290266.75 | 641694.56, 429C | 4.85521 | 4.85541 | 4.85521 | 5.63623 | 2.76E-05 | 2.76E-05 | 5.18E-04 | 4.95E-04 | 1.07E-03 | 3.7E-07 | 1.1E-06 | 5.5E-07 | 5.0E-07 | 2.7E-07 | 1.1E-09 | 2.7E-08 | 1.4E-08 | 1.3E-08 | 3.8E-09 | 5.9E-08 |
| 237 | 641734.56 | 4290266.75 | 641734.56, 429C | 5.33816 | 5.33836 | 5.33816 | 6.1975  | 3.03E-05 | 3.03E-05 | 5.68E-04 | 5.45E-04 | 1.17E-03 | 4.1E-07 | 1.2E-06 | 7.1E-07 | 6.4E-07 | 2.9E-07 | 1.2E-09 | 3.0E-08 | 1.5E-08 | 1.4E-08 | 4.2E-09 | 6.4E-08 |
| 238 | 641774.56 | 4290266.75 | 641774.56, 429C | 5.91818 | 5.91843 | 5.91818 | 6.89832 | 3.36E-05 | 3.36E-05 | 6.30E-04 | 6.06E-04 | 1.30E-03 | 4.5E-07 | 1.4E-06 | 7.9E-07 | 7.1E-07 | 3.3E-07 | 1.4E-09 | 3.3E-08 | 1.7E-08 | 1.5E-08 | 4.7E-09 | 7.2E-08 |
| 239 | 641814.56 | 4290266.75 | 641814.56, 429C | 6.53694 | 6.53711 | 6.53694 | 7.80688 | 3.71E-05 | 3.71E-05 | 6.96E-04 | 6.86E-04 | 1.46E-03 | 5.0E-07 | 1.5E-06 | 8.8E-07 | 8.0E-07 | 3.6E-07 | 1.5E-09 | 3.7E-08 | 1.9E-08 | 1.7E-08 | 5.2E-09 | 8.0E-08 |
| 240 | 641854.56 | 4290266.75 | 641854.56, 429C | 6.95565 | 6.95585 | 6.95565 | 8.58621 | 3.95E-05 | 3.95E-05 | 7.41E-04 | 7.54E-04 | 1.57E-03 | 5.4E-07 | 1.6E-06 | 9.5E-07 | 8.6E-07 | 3.9E-07 | 1.7E-09 | 4.0E-08 | 2.1E-08 | 1.9E-08 | 5.6E-09 | 8.6E-08 |
| 241 | 641894.56 | 4290266.75 | 641894.56, 429C | 6.94817 | 6.94771 | 6.94817 | 8.69338 | 3.95E-05 | 3.95E-05 | 7.40E-04 | 7.64E-04 | 1.58E-03 | 5.5E-07 | 1.7E-06 | 9.6E-07 | 8.7E-07 | 4.0E-07 | 1.7E-09 | 4.0E-08 | 2.1E-08 | 1.9E-08 | 5.7E-09 | 8.7E-08 |
| 242 | 641934.56 | 4290266.75 | 641934.56, 429C | 6.51816 | 6.51748 | 6.51816 | 8.04641 | 3.70E-05 | 3.70E-05 | 6.94E-04 | 7.07E-04 | 1.48E-03 | 5.1E-07 | 1.5E-06 | 8.9E-07 | 8.1E-07 | 3.7E-07 | 1.6E-09 | 3.7E-08 | 1.9E-08 | 1.7E-08 | 5.3E-09 | 8.1E-08 |
| 243 | 641974.56 | 4290266.75 | 641974.56, 429C | 5.83974 | 5.839   | 5.83974 | 7.01162 | 3.32E-05 | 3.32E-05 | 6.22E-04 | 6.16E-04 | 1.30E-03 | 4.5E-07 | 1.4E-06 | 7.9E-07 | 7.2E-07 | 3.3E-07 | 1.4E-09 | 3.3E-08 | 1.7E-08 | 1.5E-08 | 4.7E-09 | 7.2E-08 |
| 244 | 642014.56 | 4290266.75 | 642014.56, 429C | 5.09213 | 5.09213 | 5.09213 | 5.93367 | 2.89E-05 | 2.89E-05 | 5.42E-04 | 5.21E-04 | 1.12E-03 | 3.9E-07 | 1.2E-06 | 6.8E-07 | 6.2E-07 | 2.8E-07 | 1.2E-09 | 2.8E-08 | 1.5E-08 | 1.3E-08 | 4.0E-09 | 6.2E-08 |
| 245 | 642054.56 | 4290266.75 | 642054.56, 429C | 4.38331 | 4.38271 | 4.38331 | 4.96917 | 2.49E-05 | 2.49E-05 | 4.67E-04 | 4.37E-04 | 9.53E-04 | 3.3E-07 | 1.0E-06 | 5.8E-07 | 5.2E-07 | 2.4E-07 | 1.0E-09 | 2.4E-08 | 1.2E-08 | 1.1E-08 | 3.4E-09 | 5.2E-08 |
| 246 | 642094.56 | 4290266.75 | 642094.56, 429C | 3.76034 | 3.75984 | 3.76034 | 4.16125 | 2.14E-05 | 2.14E-05 | 4.00E-04 | 3.66E-04 | 8.09E-04 | 2.8E-07 | 8.5E-07 | 4.9E-07 | 4.4E-07 | 2.0E-07 | 8.5E-10 | 2.1E-08 | 1.1E-08 | 9.6E-09 | 2.9E-09 | 4.4E-08 |
| 247 | 642134.56 | 4290266.75 | 642134.56, 429C | 3.23046 | 3.23004 | 3.23046 | 3.50159 | 1.83E-05 | 1.83E-05 | 3.44E-04 | 3.08E-04 | 6.88E-04 | 2.4E-07 | 7.2E-07 | 4.2E-07 | 3.8E-07 | 1.7E-07 | 7.2E-10 | 1.7E-08 | 9.0E-09 | 8.2E-09 | 2.5E-09 | 3.8E-08 |
| 248 | 642174.56 | 4290266.75 | 642174.56, 429C | 2.78453 | 2.78419 | 2.78453 | 2.96604 | 1.58E-05 | 1.58E-05 | 2.97E-04 | 2.61E-04 | 5.89E-04 | 2.0E-07 | 6.2E-07 | 3.6E-07 | 3.2E-07 | 1.5E-07 | 6.2E-10 | 1.5E-08 | 7.7E-09 | 7.0E-09 | 2.1E-09 | 3.2E-08 |
| 249 | 642214.56 | 4290266.75 | 642214.56, 429C | 2.4103  | 2.41002 | 2.4103  | 2.53039 | 1.37E-05 | 1.37E-05 | 2.57E-04 | 2.22E-04 | 5.06E-04 | 1.8E-07 | 5.3E-07 | 3.1E-07 | 2.8E-07 | 1.3E-07 | 5.3E-10 | 1.3E-08 | 6.6E-09 | 6.0E-09 | 1.8E-09 | 2.8E-08 |
| 250 | 642254.56 | 4290266.75 | 642254.56, 429C | 2.09789 | 2.09766 | 2.09789 | 2.17621 | 1.19E-05 | 1.19E-05 | 2.23E-04 | 1.91E-04 | 4.38E-04 | 1.5E-07 | 4.6E-07 | 2.7E-07 | 2.4E-07 | 1.1E-07 | 4.6E-10 | 1.1E-08 | 5.7E-09 | 5.2E-09 | 1.6E-09 | 2.4E-08 |
| 251 | 642294.56 | 4290266.75 | 642294.56, 429C | 1.83945 | 1.83936 | 1.83945 | 1.8897  | 1.04E-05 | 1.04E-05 | 1.66E-04 | 1.45E-04 | 3.83E-04 | 1.3E-07 | 4.0E-07 | 2.3E-07 | 2.1E-07 | 9.6E-07 | 4.0E-10 | 9.7E-09 | 5.0E-09 | 4.5E-09 | 1.4E-09 | 2.1E-08 |
| 252 | 642334.56 | 4290266.75 | 642334.56, 429C | 1.62351 | 1.62335 | 1.62351 | 1.65513 | 9.22E-06 | 9.22E-06 | 1.73E-04 | 1.45E-04 | 3.37E-04 | 1.2E-07 | 3.5E-07 | 2.0E-07 | 1.8E-07 | 8.4E-08 | 3.5E-10 | 8.5E-09 | 4.4E-09 | 4.0E-09 | 1.2E-09 | 1.9E-08 |
| 253 | 642374.56 | 4290266.75 | 642374.56, 429C | 1.44068 | 1.44054 | 1.44068 | 1.4602  | 8.18E-06 | 8.18E-06 | 1.53E-04 | 1.28E-04 | 2.98E-04 | 1.0E-07 | 3.1E-07 | 1.8E-07 | 1.6E-07 | 7.5E-08 | 3.1E-10 | 7.6E-09 | 3.9E-09 | 3.5E-09 | 1.1E-09 | 1.6E-08 |
| 254 | 642414.56 | 4290266.75 | 642414.56, 429C | 1.28614 | 1.28602 | 1.28614 | 1.29804 | 7.30E-06 | 7.30E-06 | 1.37E-04 | 1.14E-04 | 2.66E-04 | 9.2E-08 | 2.8E-07 | 1.6E-07 | 1.5E-07 | 6.6E-08 | 2.8E-10 | 6.7E-09 | 3.5E-09 | 3.1E-09 | 9.5E-10 | 1.5E-08 |
| 255 | 642454.56 | 4290266.75 | 642454.56, 429C | 1.15601 | 1.15592 | 1.15601 | 1.16329 | 6.56E-06 | 6.56E-06 | 1.23E-04 | 1.02E-04 | 2.38E-04 | 8.3E-08 | 2.5E-07 | 1.4E-07 | 1.3E-07 | 6.0E-08 | 2.5E-10 | 6.1E-09 | 3.1E-09 | 2.8E-09 | 8.6E-10 | 1.3E-08 |
| 256 | 642494.56 | 4290266.75 | 642494.56, 429C | 1.04478 | 1.0447  | 1.04478 | 1.04932 | 5.93E-06 | 5.93E-06 | 1.11E-04 | 9.22E-05 | 2.15E-04 | 7.5E-08 | 2.3E-07 | 1.3E-07 | 1.2E-07 | 5.4E-08 | 2.3E-10 | 5.5E-09 | 2.8E-09 | 2.6E-09 | 7.7E-10 | 1.2E-08 |
| 257 | 642534.56 | 4290266.75 | 642534.56, 429C | 0.94915 | 0.94915 | 0.94915 | 0.95213 | 5.39E-06 | 5.39E-06 | 1.01E-04 | 8.37E-05 | 1.96E-04 | 6.8E-08 | 2.0E-07 | 1.2E-07 | 1.1E-07 | 4.9E-08 | 2.1E-10 | 5.0E-09 | 2.6E-09 | 2.3E-09 | 7.0E-10 | 1.1E-08 |
| 258 | 642574.56 | 4290266.75 | 642574.56, 429C | 0.86592 | 0.86586 | 0.86592 | 0.86801 | 4.92E-06 | 4.92E-06 | 9.22E-05 | 7.63E-05 | 1.78E-04 | 6.2E-08 | 1.9E-07 | 1.1E-07 | 9.8E-08 | 4.5E-08 | 1.9E-10 | 4.5E-09 | 2.3E-09 | 2.1E-09 | 6.4E-10 | 9.8E-09 |
| 259 | 642614.56 | 4290266.75 | 642614.56, 429C | 0.79436 | 0.79431 | 0.79436 | 0.79593 | 4.51E-06 | 4.51E-06 | 8.46E-05 | 6.99E-05 | 1.64E-04 | 5.7E-08 | 1.7E-07 | 9.9E-08 | 9.0E-08 | 4.1E-08 | 1.7E-10 | 4.2E-09 | 2.1E-09 | 1.9E-09 | 5.9E-10 | 9.0E-09 |
| 260 | 641374.56 | 4290306.75 | 641374.56, 429C | 2.28677 | 2.28696 | 2.28677 | 2.34261 | 1.30E-05 | 1.30E-05 | 2.44E-04 | 2.06E-04 | 4.75E-04 | 1.6E-07 | 5.0E-07 | 2.9E-07 | 2.6E-07 | 1.2E-07 | 5.0E-10 | 1.2E-08 | 6.2E-09 | 5.6E-09 | 1.7E-09 | 2.6E-08 |
| 261 | 641414.56 | 4290306.75 | 641414.56, 429C | 2.59667 | 2.59689 | 2.59667 | 2.69305 | 1.47E-05 | 1.47E-05 | 2.77E-04 | 2.37E-04 | 5.43E-04 | 1.9E-07 | 5.7E-07 | 3.3E-07 | 3.0E-07 | 1.4E-07 | 5.7E-10 | 1.4E-08 | 7.1E-09 | 6.4E-09 | 1.9E-09 | 3.0E-08 |
| 262 | 641454.56 | 4290306.75 | 641454.56, 429C | 2.94841 | 2.94865 | 2.94841 | 3.10629 | 1.67E-05 | 1.67E-05 | 3.14E-04 | 2.73E-04 | 6.20E-04 | 2.1E-07 | 6.5E-07 | 3.8E-07 | 3.4E-07 | 1.6E-07 | 6.5E-10 | 1.6E-08 | 8.1E-09 | 7.3E-09 | 2.2E-09 | 3.4E-08 |
| 263 | 641494.56 | 4290306.75 | 641494.56, 429C | 3.34903 | 3.34929 | 3.34903 | 3.5928  | 1.90E-05 | 1.90E-05 | 3.49E-04 | 3.16E-04 | 7.10E-04 | 2.5E-07 | 7.4E-07 | 4.3E-07 | 3.9E-07 | 1.8E-07 | 7.5E-10 | 1.8E-08 | 9.3E-09 | 8.4E-09 | 2.5E-09 | 3.9E-08 |
| 264 | 641534.56 | 4290306.75 | 641534.56, 429C | 3.80137 | 3.80165 | 3.80137 | 4.15811 | 2.16E-05 | 2.16E-05 | 4.05E-04 | 3.65E-04 | 8.13E-04 | 2.8E-07 | 8.5E-07 | 4.9E-07 | 4.5E-07 | 2.0E-07 | 8.5E-10 | 2.1E-08 | 1.1E-08 | 9.6E-09 | 2.9E-09 | 4.5E-08 |
| 265 | 641574.56 | 4290306.75 | 641574.56, 429C | 4.30717 | 4.30745 | 4.30717 | 4.80315 | 2.45E-05 | 2.45E-05 | 4.59E-04 | 4.22E-04 | 9.30E-04 | 3.2E-07 | 9.7E-07 | 5.6E-07 | 5.1E-07 | 2.3E-07 | 9.8E-10 | 2.4E-08 | 1.2E-08 | 1.1E-08 | 3.3E-09 | 5.1E-08 |
| 266 | 641614.56 | 4290306.75 | 641614.56, 429C | 4.85124 | 4.85152 | 4.85124 | 5.51723 | 2.76E-05 | 2.76E-05 | 5.17E-04 | 4.75E-04 | 1.05E-03 | 3.7E-07 | 1.1E-06 | 6.4E-07 | 5.8E-07 | 2.6E-07 | 1.1E-09 | 2.4E-08 | 1.4E-08 | 1.3E-08 | 3.8E-09 | 5.3E-08 |
| 267 | 641654.56 | 4290306.75 | 641654.56, 429C | 5.42595 | 5.42621 | 5.42595 | 6.30647 | 3.08E-05 | 3.08E-05 | 5.78E-04 | 5.54E-04 | 1.19E-03 | 4.1E-07 | 1.2E-06 | 7.2E-07 | 6.5E-07 | 3.0E-07 | 1.3E-09 | 3.0E-08 | 1.6E-08 | 1.4E-08 | 4.3E-09 | 6.6E-08 |
| 268 | 641694.56 | 4290306.75 | 641694.56, 429C | 6.03471 | 6.03471 | 6.03471 | 7.13858 | 3.43E-05 | 3.43E-05 | 6.43E-04 | 6.27E-04 | 1.34E-03 | 4.6E-07 | 1.4E-06 | 8.1E-07 | 7.3E-07 | 3.3E-07 | 1.4E-09 | 3.3E-08 | 1.7E-08 | 1.6E-08 | 4.8E-09 | 7.4E-08 |
| 269 | 641734.56 | 4290306.75 | 641734.56, 429C | 6.7218  | 6.72209 | 6.7218  | 7.99779 | 3.82E-05 | 3.82E-05 | 7.16E-04 | 7.03E-04 | 1.49E-03 | 5.2E-07 | 1.6E-06 | 9.0E-07 | 8.2E-07 | 3.7E-07 | 1.6E-09 | 3.8E-08 | 2.0E-08 | 1.8E-08 | 5.4E-09 | 8.2E-08 |
| 270 | 641774.56 | 4290306.75 | 641774.56, 429C | 7.55506 | 7.55541 | 7.55506 | 9.07311 | 4.29E-05 | 4.29E-05 |          |          |          |         |         |         |         |         |         |         |         |         |         |         |



|     |           |            |                 |          |          |          |          |          |          |          |          |          |         |         |         |         |         |         |         |         |         |         |         |
|-----|-----------|------------|-----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 350 | 642414.56 | 4290386.75 | 642414.56, 429C | 1.21195  | 1.21185  | 1.21195  | 1.21963  | 6.88E-06 | 6.88E-06 | 1.29E-04 | 1.07E-04 | 2.50E-04 | 8.7E-08 | 2.6E-07 | 1.5E-07 | 1.4E-07 | 6.3E-08 | 2.6E-10 | 6.3E-09 | 3.3E-09 | 3.0E-09 | 9.0E-10 | 1.4E-08 |
| 351 | 642454.56 | 4290386.75 | 642454.56, 429C | 1.09192  | 1.09183  | 1.09192  | 1.09772  | 6.20E-06 | 6.20E-06 | 1.16E-04 | 9.64E-05 | 2.25E-04 | 7.8E-08 | 2.4E-07 | 1.4E-07 | 1.2E-07 | 5.6E-08 | 2.4E-10 | 5.7E-09 | 2.9E-09 | 2.7E-09 | 8.1E-10 | 1.2E-08 |
| 352 | 642494.56 | 4290386.75 | 642494.56, 429C | 0.98988  | 0.98973  | 0.98988  | 0.99941  | 5.62E-06 | 5.62E-06 | 1.05E-04 | 8.73E-05 | 2.04E-04 | 7.1E-08 | 2.1E-07 | 1.2E-07 | 1.1E-07 | 5.1E-08 | 2.1E-10 | 5.2E-09 | 2.7E-09 | 2.4E-09 | 7.3E-10 | 1.1E-08 |
| 353 | 642534.56 | 4290386.75 | 642534.56, 429C | 0.90207  | 0.902    | 0.90207  | 0.90513  | 5.12E-06 | 5.12E-06 | 9.61E-05 | 7.95E-05 | 1.86E-04 | 6.4E-08 | 1.9E-07 | 1.1E-07 | 1.0E-07 | 4.7E-08 | 2.0E-10 | 4.7E-09 | 2.2E-09 | 2.4E-09 | 6.7E-10 | 1.0E-08 |
| 354 | 642574.56 | 4290386.75 | 642574.56, 429C | 0.82573  | 0.82567  | 0.82573  | 0.82776  | 4.69E-06 | 4.69E-06 | 8.79E-05 | 7.27E-05 | 1.70E-04 | 5.9E-08 | 1.8E-07 | 1.0E-07 | 9.3E-08 | 4.3E-08 | 1.8E-10 | 4.3E-09 | 2.2E-09 | 2.0E-09 | 6.1E-10 | 9.3E-09 |
| 355 | 642614.56 | 4290386.75 | 642614.56, 429C | 0.75928  | 0.75923  | 0.75928  | 0.76046  | 4.31E-06 | 4.31E-06 | 8.09E-05 | 6.68E-05 | 1.56E-04 | 5.4E-08 | 1.6E-07 | 9.5E-08 | 8.6E-08 | 3.9E-08 | 1.6E-10 | 4.0E-09 | 2.0E-09 | 1.9E-09 | 5.6E-10 | 8.6E-09 |
| 356 | 641374.56 | 4290426.75 | 641374.56, 429C | 2.89984  | 2.89984  | 2.89984  | 2.89984  | 1.65E-05 | 1.65E-05 | 1.65E-04 | 2.95E-04 | 2.95E-04 | 2.1E-07 | 6.2E-07 | 1.6E-07 | 3.3E-07 | 1.5E-07 | 6.5E-10 | 1.5E-08 | 7.9E-09 | 7.1E-09 | 2.1E-09 | 3.3E-08 |
| 357 | 641414.56 | 4290426.75 | 641414.56, 429C | 3.43379  | 3.43423  | 3.43379  | 3.44669  | 1.95E-05 | 1.95E-05 | 3.66E-04 | 3.03E-04 | 7.07E-04 | 2.4E-07 | 7.4E-07 | 4.3E-07 | 3.9E-07 | 1.8E-07 | 7.4E-10 | 1.8E-08 | 9.2E-09 | 8.4E-09 | 2.5E-09 | 3.9E-08 |
| 358 | 641454.56 | 4290426.75 | 641454.56, 429C | 4.11935  | 4.11991  | 4.11935  | 4.17059  | 2.34E-05 | 2.34E-05 | 4.39E-04 | 3.66E-04 | 8.52E-04 | 2.9E-07 | 8.9E-07 | 5.2E-07 | 4.7E-07 | 2.1E-07 | 9.0E-10 | 2.2E-08 | 1.1E-08 | 1.0E-08 | 3.1E-09 | 4.7E-08 |
| 359 | 641494.56 | 4290426.75 | 641494.56, 429C | 5.00156  | 5.00228  | 5.00156  | 5.1489   | 2.84E-05 | 2.84E-05 | 5.33E-04 | 4.52E-04 | 1.04E-03 | 3.6E-07 | 1.1E-06 | 6.3E-07 | 5.7E-07 | 2.6E-07 | 1.1E-09 | 2.6E-08 | 1.4E-08 | 1.2E-08 | 3.7E-09 | 5.7E-08 |
| 360 | 641534.56 | 4290426.75 | 641534.56, 429C | 6.18008  | 6.18096  | 6.18008  | 6.52864  | 3.51E-05 | 3.51E-05 | 6.58E-04 | 5.74E-04 | 1.30E-03 | 4.5E-07 | 1.4E-06 | 7.9E-07 | 7.1E-07 | 3.3E-07 | 1.4E-09 | 3.3E-08 | 1.7E-08 | 1.5E-08 | 4.7E-09 | 7.2E-08 |
| 361 | 641574.56 | 4290426.75 | 641574.56, 429C | 7.68415  | 7.6852   | 7.68415  | 8.45545  | 4.36E-05 | 4.36E-05 | 8.18E-04 | 7.43E-04 | 1.65E-03 | 5.7E-07 | 1.7E-06 | 1.0E-06 | 9.0E-07 | 4.1E-07 | 1.7E-09 | 4.2E-08 | 2.2E-08 | 2.0E-08 | 5.9E-09 | 9.1E-08 |
| 362 | 641614.56 | 4290426.75 | 641614.56, 429C | 9.53487  | 9.53606  | 9.53487  | 11.09154 | 5.42E-05 | 5.42E-05 | 1.02E-03 | 9.75E-04 | 2.10E-03 | 7.3E-07 | 2.2E-06 | 1.3E-06 | 1.2E-06 | 5.3E-07 | 2.2E-09 | 5.3E-08 | 2.7E-08 | 2.5E-08 | 7.5E-09 | 1.2E-07 |
| 363 | 641654.56 | 4290426.75 | 641654.56, 429C | 11.7479  | 11.74913 | 11.7479  | 14.55359 | 6.67E-05 | 6.67E-05 | 1.25E-03 | 1.28E-03 | 2.66E-03 | 9.2E-07 | 2.8E-06 | 1.6E-06 | 1.5E-06 | 6.7E-07 | 2.8E-09 | 6.8E-08 | 3.5E-08 | 3.2E-08 | 9.6E-09 | 1.5E-07 |
| 364 | 641694.56 | 4290426.75 | 641694.56, 429C | 14.26299 | 14.26418 | 14.26299 | 18.85515 | 8.10E-05 | 8.10E-05 | 1.52E-03 | 1.66E-03 | 3.34E-03 | 1.2E-06 | 3.5E-06 | 2.0E-06 | 1.8E-06 | 8.4E-07 | 3.5E-09 | 8.5E-08 | 4.4E-08 | 4.0E-08 | 1.2E-08 | 1.8E-07 |
| 365 | 641734.56 | 4290426.75 | 641734.56, 429C | 17.2915  | 17.29298 | 17.2915  | 23.94044 | 9.82E-05 | 9.82E-05 | 1.84E-03 | 2.10E-03 | 4.14E-03 | 1.4E-06 | 4.3E-06 | 2.5E-06 | 2.3E-06 | 1.0E-06 | 4.4E-09 | 1.1E-07 | 5.4E-08 | 4.9E-08 | 1.5E-08 | 2.3E-07 |
| 366 | 641774.56 | 4290426.75 | 641774.56, 429C | 20.76454 | 20.76508 | 20.76454 | 30.57199 | 1.18E-04 | 1.18E-04 | 2.21E-03 | 2.69E-03 | 5.13E-03 | 1.8E-06 | 5.4E-06 | 3.1E-06 | 2.8E-06 | 1.3E-06 | 5.4E-09 | 1.3E-07 | 6.7E-08 | 6.1E-08 | 1.8E-08 | 2.8E-07 |
| 367 | 641814.56 | 4290426.75 | 641814.56, 429C | 21.4823  | 21.47946 | 21.4823  | 32.81344 | 1.22E-04 | 1.22E-04 | 2.29E-03 | 2.88E-03 | 5.41E-03 | 1.9E-06 | 5.7E-06 | 3.3E-06 | 3.0E-06 | 1.4E-06 | 5.7E-09 | 1.4E-07 | 7.1E-08 | 6.4E-08 | 1.9E-08 | 3.0E-07 |
| 368 | 641854.56 | 4290426.75 | 641854.56, 429C | 18.28989 | 18.28559 | 18.28989 | 25.94384 | 1.04E-04 | 1.04E-04 | 1.95E-03 | 2.28E-03 | 4.43E-03 | 1.5E-06 | 4.6E-06 | 2.7E-06 | 2.4E-06 | 1.1E-06 | 4.7E-09 | 1.1E-07 | 5.8E-08 | 5.3E-08 | 1.6E-08 | 2.4E-07 |
| 369 | 641894.56 | 4290426.75 | 641894.56, 429C | 14.03392 | 14.03026 | 14.03392 | 18.0529  | 7.97E-05 | 7.97E-05 | 1.49E-03 | 1.59E-03 | 3.24E-03 | 1.1E-06 | 3.4E-06 | 2.0E-06 | 1.8E-06 | 8.1E-07 | 3.4E-09 | 8.2E-08 | 4.2E-08 | 3.8E-08 | 1.2E-08 | 1.8E-07 |
| 370 | 641934.56 | 4290426.75 | 641934.56, 429C | 10.48741 | 10.48479 | 10.48741 | 12.46423 | 5.96E-05 | 5.95E-05 | 1.12E-03 | 1.10E-03 | 2.33E-03 | 8.1E-07 | 2.4E-06 | 1.4E-06 | 1.3E-06 | 5.8E-07 | 2.4E-09 | 5.9E-08 | 3.0E-08 | 2.8E-08 | 8.4E-09 | 1.3E-07 |
| 371 | 641974.56 | 4290426.75 | 641974.56, 429C | 7.91625  | 7.91444  | 7.91625  | 8.87965  | 4.45E-05 | 4.45E-05 | 8.49E-05 | 7.16E-05 | 1.71E-03 | 5.9E-07 | 1.8E-06 | 1.0E-06 | 9.4E-07 | 4.3E-07 | 1.8E-09 | 4.3E-08 | 2.2E-08 | 2.0E-08 | 6.1E-09 | 9.4E-08 |
| 372 | 642014.56 | 4290426.75 | 642014.56, 429C | 6.10536  | 6.1041   | 6.10536  | 6.58322  | 3.47E-05 | 3.47E-05 | 6.50E-04 | 5.78E-04 | 1.30E-03 | 4.5E-07 | 1.4E-06 | 7.9E-07 | 7.1E-07 | 3.2E-07 | 1.4E-09 | 3.3E-08 | 1.7E-08 | 1.5E-08 | 4.7E-09 | 7.1E-08 |
| 373 | 642054.56 | 4290426.75 | 642054.56, 429C | 4.81532  | 4.81443  | 4.81532  | 5.06213  | 2.73E-05 | 2.73E-05 | 5.13E-04 | 4.45E-04 | 1.01E-03 | 3.5E-07 | 1.1E-06 | 6.1E-07 | 5.6E-07 | 2.5E-07 | 1.1E-09 | 2.6E-08 | 1.3E-08 | 1.2E-08 | 3.6E-09 | 5.6E-08 |
| 374 | 642094.56 | 4290426.75 | 642094.56, 429C | 3.87906  | 3.87842  | 3.87906  | 4.01461  | 2.20E-05 | 2.20E-05 | 4.13E-04 | 3.53E-04 | 8.10E-04 | 2.8E-07 | 8.5E-07 | 4.9E-07 | 4.4E-07 | 2.0E-07 | 8.5E-10 | 2.1E-08 | 1.1E-08 | 9.6E-09 | 2.9E-09 | 4.4E-08 |
| 375 | 642134.56 | 4290426.75 | 642134.56, 429C | 3.18608  | 3.18561  | 3.18608  | 3.26627  | 1.81E-05 | 1.81E-05 | 3.39E-04 | 2.87E-04 | 6.62E-04 | 2.3E-07 | 6.9E-07 | 4.0E-07 | 3.6E-07 | 1.7E-07 | 7.0E-10 | 1.7E-08 | 8.7E-09 | 7.8E-09 | 2.4E-09 | 3.6E-08 |
| 376 | 642174.56 | 4290426.75 | 642174.56, 429C | 2.66549  | 2.66513  | 2.66549  | 2.71683  | 1.51E-05 | 1.51E-05 | 2.84E-04 | 2.39E-04 | 5.53E-04 | 1.9E-07 | 5.8E-07 | 3.3E-07 | 3.0E-07 | 1.4E-07 | 5.8E-10 | 1.4E-08 | 7.2E-09 | 6.5E-09 | 2.0E-09 | 3.0E-08 |
| 377 | 642214.56 | 4290426.75 | 642214.56, 429C | 2.26461  | 2.26433  | 2.26461  | 2.29967  | 1.29E-05 | 1.29E-05 | 2.41E-04 | 2.02E-04 | 4.69E-04 | 1.6E-07 | 4.9E-07 | 2.8E-07 | 2.6E-07 | 1.2E-07 | 4.9E-10 | 1.2E-08 | 6.1E-09 | 5.6E-09 | 1.7E-09 | 2.6E-08 |
| 378 | 642254.56 | 4290426.75 | 642254.56, 429C | 1.95004  | 1.94982  | 1.95004  | 1.97511  | 1.11E-05 | 1.11E-05 | 2.08E-04 | 1.74E-04 | 4.03E-04 | 1.4E-07 | 4.2E-07 | 2.4E-07 | 2.2E-07 | 1.0E-07 | 4.2E-10 | 1.0E-08 | 5.3E-09 | 4.8E-09 | 1.4E-09 | 2.2E-08 |
| 379 | 642294.56 | 4290426.75 | 642294.56, 429C | 1.69985  | 1.69985  | 1.69985  | 1.71829  | 9.65E-06 | 9.65E-06 | 1.81E-04 | 1.51E-04 | 3.51E-04 | 1.2E-07 | 3.7E-07 | 2.1E-07 | 1.9E-07 | 8.8E-08 | 3.7E-10 | 8.9E-09 | 4.6E-09 | 4.2E-09 | 1.3E-09 | 1.9E-08 |
| 380 | 642334.56 | 4290426.75 | 642334.56, 429C | 1.49639  | 1.49625  | 1.49639  | 1.51013  | 8.50E-06 | 8.50E-06 | 1.59E-04 | 1.33E-04 | 3.09E-04 | 1.1E-07 | 3.2E-07 | 1.9E-07 | 1.7E-07 | 7.7E-08 | 3.2E-10 | 7.8E-09 | 4.0E-09 | 3.7E-09 | 1.1E-09 | 1.7E-08 |
| 381 | 642374.56 | 4290426.75 | 642374.56, 429C | 1.32899  | 1.32887  | 1.32899  | 1.33921  | 7.55E-06 | 7.55E-06 | 1.42E-04 | 1.18E-04 | 2.45E-04 | 9.5E-08 | 2.9E-07 | 1.7E-07 | 1.5E-07 | 6.9E-08 | 2.9E-10 | 7.0E-09 | 3.6E-09 | 3.2E-09 | 9.8E-10 | 1.5E-08 |
| 382 | 642414.56 | 4290426.75 | 642414.56, 429C | 1.18926  | 1.18916  | 1.18926  | 1.19676  | 6.75E-06 | 6.75E-06 | 1.27E-04 | 1.05E-04 | 2.45E-04 | 8.5E-08 | 2.6E-07 | 1.5E-07 | 1.3E-07 | 6.1E-08 | 2.6E-10 | 6.2E-09 | 3.2E-09 | 2.9E-09 | 8.8E-10 | 1.3E-08 |
| 383 | 642454.56 | 4290426.75 | 642454.56, 429C | 1.07245  | 1.07237  | 1.07245  | 1.07785  | 6.09E-06 | 6.09E-06 | 1.14E-04 | 9.47E-05 | 2.21E-04 | 7.7E-08 | 2.3E-07 | 1.3E-07 | 1.2E-07 | 5.5E-08 | 2.3E-10 | 5.6E-09 | 2.9E-09 | 2.6E-09 | 7.9E-10 | 1.2E-08 |
| 384 | 642494.56 | 4290426.75 | 642494.56, 429C | 0.97335  | 0.97328  | 0.97335  | 0.97713  | 5.53E-06 | 5.53E-06 | 1.04E-04 | 8.59E-05 | 2.01E-04 | 6.9E-08 | 2.1E-07 | 1.2E-07 | 1.1E-07 | 5.0E-08 | 2.1E-10 | 5.1E-09 | 2.6E-09 | 2.4E-09 | 7.2E-10 | 1.1E-08 |
| 385 | 642534.56 | 4290426.75 | 642534.56, 429C | 0.88827  | 0.8882   | 0.88827  | 0.89077  | 5.04E-06 | 5.04E-06 | 9.46E-05 | 7.83E-05 | 1.83E-04 | 6.3E-08 | 1.9E-07 | 1.1E-07 | 1.0E-07 | 4.6E-08 | 1.9E-10 | 4.6E-09 | 2.4E-09 | 2.2E-09 | 6.6E-10 | 1.0E-08 |
| 386 | 642574.56 | 4290426.75 | 642574.56, 429C | 0.81392  | 0.81392  | 0.81392  | 0.81392  | 4.62E-06 | 4.62E-06 | 8.46E-05 | 7.16E-05 | 1.68E-04 | 5.9E-08 | 1.8E-07 | 1.0E-07 | 9.4E-07 | 4.3E-07 | 1.8E-10 | 4.3E-08 | 2.2E-08 | 2.0E-08 | 6.1E-09 | 9.4E-08 |
| 387 | 642614.56 | 4290426.75 | 642614.56, 429C | 0.74947  | 0.74942  | 0.74947  | 0.75018  | 4.26E-06 | 4.26E-06 | 7.98E-05 | 6.59E-05 | 1.54E-04 | 5.3E-08 | 1.6E-07 | 9.3E-08 | 8.5E-08 | 3.9E-08 | 1.6E-10 | 3.9E-09 | 2.0E-09 | 1.8E-09 | 5.5E-10 | 8.5E-09 |
| 388 | 641374.56 | 4290466.75 | 641374.56, 429C | 3.10877  | 3.10917  | 3.10877  | 3.0925   | 1.77E-05 | 1.77E-05 | 3.31E-04 | 2.72E-04 | 6.16E-04 | 2.2E-07 | 6.7E-07 | 3.9E-07 | 3.5E-07 | 1.6E-07 | 6.7E-10 | 1.6E-08 | 8.3E-09 | 7.6E-09 | 2.3E-09 | 3.5E-08 |
| 389 | 641414.56 | 4290466.75 | 641414.56, 429C | 3.72191  | 3.72243  | 3.72191  | 3.71177  | 2.11E-05 | 2.11E-05 | 3.96E-04 | 3.26E-04 | 7.65E-04 | 2.6E-07 | 8.0E-07 | 4.6E-07 | 4.2E-07 | 1.9E-07 | 8.0E-10 | 1.9E-08 | 1.0E-08 | 9.1E-09 | 2.7E-09 | 4.2E-08 |
| 390 | 641454.56 | 4290466.75 | 641454.56, 429C | 4.53974  | 4.54044  | 4.53974  | 4.       |          |          |          |          |          |         |         |         |         |         |         |         |         |         |         |         |



|     |           |            |           |      |          |          |          |          |          |          |          |          |          |         |         |         |         |         |         |         |         |         |         |         |
|-----|-----------|------------|-----------|------|----------|----------|----------|----------|----------|----------|----------|----------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 470 | 642480.09 | 4290602.63 | 642480.09 | 429c | 0.96127  | 0.9612   | 0.96127  | 0.97745  | 5.46E-06 | 5.46E-06 | 1.02E-04 | 8.59E-05 | 1.99E-04 | 6.9E-08 | 2.1E-07 | 1.2E-07 | 1.1E-07 | 5.0E-08 | 2.1E-10 | 5.1E-09 | 2.6E-09 | 2.4E-09 | 7.1E-10 | 1.1E-08 |
| 471 | 642520.09 | 4290602.63 | 642520.09 | 429c | 0.87823  | 0.87816  | 0.87823  | 0.89168  | 4.99E-06 | 4.99E-06 | 9.35E-05 | 7.83E-05 | 1.82E-04 | 6.3E-08 | 1.9E-07 | 1.1E-07 | 1.0E-07 | 4.6E-08 | 1.9E-10 | 4.6E-09 | 2.4E-09 | 2.2E-09 | 6.5E-10 | 1.0E-08 |
| 472 | 642560.09 | 4290602.63 | 642560.09 | 429c | 0.80603  | 0.80598  | 0.80603  | 0.8173   | 4.58E-06 | 4.58E-06 | 8.58E-05 | 7.18E-05 | 1.67E-04 | 5.8E-08 | 1.7E-07 | 1.0E-07 | 9.1E-08 | 4.2E-08 | 1.8E-10 | 4.2E-09 | 2.2E-09 | 2.0E-09 | 6.0E-10 | 9.2E-09 |
| 473 | 642600.09 | 4290602.63 | 642600.09 | 429c | 0.74239  | 0.74234  | 0.74239  | 0.75186  | 4.22E-06 | 4.22E-06 | 7.91E-05 | 6.61E-05 | 1.54E-04 | 5.3E-08 | 1.6E-07 | 9.3E-08 | 8.4E-08 | 3.8E-08 | 1.6E-10 | 3.9E-09 | 2.0E-09 | 1.8E-09 | 5.5E-10 | 8.4E-09 |
| 474 | 641920.09 | 4290642.63 | 641920.09 | 429c | 10.62964 | 10.62653 | 10.62964 | 11.35148 | 6.04E-05 | 6.04E-05 | 1.13E-03 | 9.97E-04 | 2.25E-03 | 7.8E-07 | 2.4E-06 | 1.4E-06 | 1.2E-06 | 5.6E-07 | 2.4E-09 | 5.7E-08 | 2.9E-08 | 2.7E-08 | 8.1E-09 | 1.2E-07 |
| 475 | 641960.09 | 4290642.63 | 641960.09 | 429c | 7.59889  | 7.59704  | 7.59889  | 8.08807  | 4.32E-05 | 4.31E-05 | 8.09E-04 | 7.11E-04 | 1.61E-03 | 5.6E-07 | 1.7E-06 | 9.7E-07 | 8.8E-07 | 4.0E-07 | 1.7E-09 | 4.1E-08 | 2.1E-08 | 1.9E-08 | 5.8E-09 | 8.8E-08 |
| 476 | 642000.09 | 4290642.63 | 642000.09 | 429c | 5.72833  | 5.72714  | 5.72833  | 6.07088  | 3.20E-05 | 3.25E-05 | 6.10E-04 | 5.35E-04 | 1.21E-03 | 4.2E-07 | 1.3E-07 | 7.2E-07 | 6.6E-07 | 3.0E-07 | 1.3E-09 | 3.1E-08 | 1.6E-08 | 1.4E-08 | 4.3E-09 | 6.6E-08 |
| 477 | 642040.09 | 4290642.63 | 642040.09 | 429c | 4.48965  | 4.48884  | 4.48965  | 4.73637  | 2.55E-05 | 2.55E-05 | 4.78E-04 | 4.16E-04 | 9.45E-04 | 3.3E-07 | 9.9E-07 | 5.7E-07 | 5.2E-07 | 2.4E-07 | 9.9E-10 | 2.4E-08 | 1.2E-08 | 1.1E-08 | 3.4E-09 | 5.2E-08 |
| 478 | 642080.09 | 4290642.63 | 642080.09 | 429c | 3.62481  | 3.62422  | 3.62481  | 3.80692  | 2.06E-05 | 2.06E-05 | 3.86E-04 | 3.34E-04 | 7.62E-04 | 2.6E-07 | 8.0E-07 | 4.6E-07 | 4.2E-07 | 1.9E-07 | 8.0E-10 | 1.9E-08 | 1.0E-08 | 9.0E-09 | 2.7E-09 | 4.2E-08 |
| 479 | 642120.09 | 4290642.63 | 642120.09 | 429c | 2.99548  | 2.99504  | 2.99548  | 3.1327   | 1.70E-05 | 1.70E-05 | 3.19E-04 | 2.75E-04 | 6.28E-04 | 2.2E-07 | 6.6E-07 | 3.8E-07 | 3.4E-07 | 1.6E-07 | 6.6E-10 | 1.6E-08 | 8.2E-09 | 7.4E-09 | 2.3E-09 | 3.5E-08 |
| 480 | 642160.09 | 4290642.63 | 642160.09 | 429c | 2.52276  | 2.52242  | 2.52276  | 2.62811  | 1.43E-05 | 1.43E-05 | 2.69E-04 | 2.31E-04 | 5.28E-04 | 1.8E-07 | 5.5E-07 | 3.2E-07 | 2.9E-07 | 1.3E-07 | 5.6E-10 | 1.3E-08 | 6.9E-09 | 6.3E-09 | 1.9E-09 | 2.9E-08 |
| 481 | 642200.09 | 4290642.63 | 642200.09 | 429c | 2.15918  | 2.15892  | 2.15918  | 2.24148  | 1.23E-05 | 1.23E-05 | 2.30E-04 | 1.97E-04 | 4.51E-04 | 1.6E-07 | 4.7E-07 | 2.7E-07 | 2.5E-07 | 1.1E-07 | 4.7E-10 | 1.1E-08 | 5.9E-09 | 5.3E-09 | 1.6E-09 | 2.5E-08 |
| 482 | 642240.09 | 4290642.63 | 642240.09 | 429c | 1.87107  | 1.87086  | 1.87107  | 1.93618  | 1.06E-05 | 1.06E-05 | 1.99E-04 | 1.70E-04 | 3.91E-04 | 1.4E-07 | 4.1E-07 | 2.4E-07 | 2.1E-07 | 9.8E-08 | 4.1E-10 | 9.9E-09 | 5.1E-09 | 4.6E-09 | 1.4E-09 | 2.1E-08 |
| 483 | 642280.09 | 4290642.63 | 642280.09 | 429c | 1.63948  | 1.63931  | 1.63948  | 1.69166  | 9.31E-06 | 9.31E-06 | 1.75E-04 | 1.49E-04 | 3.42E-04 | 1.2E-07 | 3.6E-07 | 2.1E-07 | 1.9E-07 | 8.6E-08 | 3.6E-10 | 8.7E-09 | 4.5E-09 | 4.0E-09 | 1.2E-09 | 1.9E-08 |
| 484 | 642320.09 | 4290642.63 | 642320.09 | 429c | 1.45035  | 1.45021  | 1.45035  | 1.49265  | 8.24E-06 | 8.24E-06 | 1.54E-04 | 1.31E-04 | 3.02E-04 | 1.0E-07 | 3.2E-07 | 1.8E-07 | 1.7E-07 | 7.6E-08 | 3.2E-10 | 7.7E-09 | 3.9E-09 | 3.6E-09 | 1.1E-09 | 1.7E-08 |
| 485 | 642360.09 | 4290642.63 | 642360.09 | 429c | 1.29371  | 1.29359  | 1.29371  | 1.32835  | 7.35E-06 | 7.35E-06 | 1.38E-04 | 1.17E-04 | 2.69E-04 | 9.3E-08 | 2.8E-07 | 1.6E-07 | 1.5E-07 | 6.7E-08 | 2.8E-10 | 6.8E-09 | 3.5E-09 | 3.2E-09 | 9.7E-10 | 1.5E-08 |
| 486 | 642400.09 | 4290642.63 | 642400.09 | 429c | 1.16238  | 1.16238  | 1.16238  | 1.191    | 6.60E-06 | 6.60E-06 | 1.05E-04 | 9.05E-05 | 2.42E-04 | 8.4E-08 | 2.5E-07 | 1.5E-07 | 1.3E-07 | 6.0E-08 | 2.5E-10 | 6.1E-09 | 3.2E-09 | 2.9E-09 | 8.7E-10 | 1.3E-08 |
| 487 | 642440.09 | 4290642.63 | 642440.09 | 429c | 1.05109  | 1.05101  | 1.05109  | 1.07493  | 5.97E-06 | 5.97E-06 | 1.12E-04 | 9.44E-05 | 2.18E-04 | 7.6E-08 | 2.3E-07 | 1.3E-07 | 1.2E-07 | 5.5E-08 | 2.3E-10 | 5.5E-09 | 2.9E-09 | 2.6E-09 | 7.8E-10 | 1.2E-08 |
| 488 | 642480.09 | 4290642.63 | 642480.09 | 429c | 0.95589  | 0.95583  | 0.95589  | 0.97589  | 5.43E-06 | 5.43E-06 | 8.57E-05 | 7.18E-05 | 1.98E-04 | 6.9E-08 | 2.1E-07 | 1.2E-07 | 1.1E-07 | 5.0E-08 | 2.1E-10 | 5.0E-09 | 2.6E-09 | 2.4E-09 | 7.1E-10 | 1.1E-08 |
| 489 | 642520.09 | 4290642.63 | 642520.09 | 429c | 0.87374  | 0.87368  | 0.87374  | 0.89061  | 4.96E-06 | 4.96E-06 | 9.30E-05 | 7.82E-05 | 1.81E-04 | 6.3E-08 | 1.9E-07 | 1.1E-07 | 9.9E-08 | 4.5E-08 | 1.9E-10 | 4.6E-09 | 2.4E-09 | 2.1E-09 | 6.5E-10 | 1.0E-08 |
| 490 | 642560.09 | 4290642.63 | 642560.09 | 429c | 8.00227  | 8.00221  | 8.00227  | 8.61658  | 4.56E-06 | 4.56E-06 | 8.54E-05 | 7.17E-05 | 1.66E-04 | 5.8E-08 | 1.7E-07 | 1.0E-07 | 9.1E-08 | 4.2E-08 | 1.7E-10 | 4.2E-09 | 2.2E-09 | 2.0E-09 | 6.0E-10 | 9.1E-09 |
| 491 | 642600.09 | 4290642.63 | 642600.09 | 429c | 0.73938  | 0.73938  | 0.73938  | 0.75157  | 4.20E-06 | 4.20E-06 | 7.87E-05 | 6.50E-05 | 1.53E-04 | 5.3E-08 | 1.6E-07 | 9.3E-08 | 8.4E-08 | 3.8E-08 | 1.6E-10 | 3.9E-09 | 2.0E-09 | 1.8E-09 | 5.5E-10 | 8.4E-09 |
| 492 | 641920.09 | 4290682.63 | 641920.09 | 429c | 9.8921   | 9.88948  | 9.8921   | 10.05128 | 5.62E-05 | 5.62E-05 | 1.05E-03 | 8.83E-04 | 2.05E-03 | 7.1E-07 | 2.1E-06 | 1.2E-06 | 1.1E-06 | 5.1E-07 | 2.2E-09 | 5.2E-08 | 2.7E-08 | 2.4E-08 | 7.4E-09 | 1.1E-07 |
| 493 | 641960.09 | 4290682.63 | 641960.09 | 429c | 7.20467  | 7.20305  | 7.20467  | 7.37633  | 4.09E-05 | 4.09E-05 | 7.67E-04 | 6.48E-04 | 1.50E-03 | 5.2E-07 | 1.6E-06 | 9.1E-07 | 8.2E-07 | 3.7E-07 | 1.6E-09 | 3.8E-08 | 2.0E-08 | 1.8E-08 | 5.4E-09 | 8.2E-08 |
| 494 | 642000.09 | 4290682.63 | 642000.09 | 429c | 5.49677  | 5.49569  | 5.49677  | 5.66051  | 3.12E-05 | 3.12E-05 | 5.85E-04 | 4.97E-04 | 1.15E-03 | 4.0E-07 | 1.2E-06 | 6.9E-07 | 6.3E-07 | 2.9E-07 | 1.2E-09 | 2.9E-08 | 1.5E-08 | 1.4E-08 | 4.1E-09 | 6.3E-08 |
| 495 | 642040.09 | 4290682.63 | 642040.09 | 429c | 4.3445   | 4.34375  | 4.3445   | 4.48963  | 2.47E-05 | 2.47E-05 | 4.63E-04 | 3.94E-04 | 9.06E-04 | 3.1E-07 | 9.5E-07 | 5.5E-07 | 5.0E-07 | 2.3E-07 | 9.5E-10 | 2.3E-08 | 1.2E-08 | 1.1E-08 | 3.3E-09 | 5.0E-08 |
| 496 | 642080.09 | 4290682.63 | 642080.09 | 429c | 3.52916  | 3.52861  | 3.52916  | 3.65284  | 2.00E-05 | 2.00E-05 | 3.76E-04 | 3.21E-04 | 7.37E-04 | 2.6E-07 | 7.7E-07 | 4.5E-07 | 4.0E-07 | 1.8E-07 | 7.7E-10 | 1.9E-08 | 9.6E-09 | 8.7E-09 | 2.6E-09 | 4.0E-08 |
| 497 | 642120.09 | 4290682.63 | 642120.09 | 429c | 2.93005  | 2.92964  | 2.93005  | 3.03345  | 1.66E-05 | 1.66E-05 | 2.67E-04 | 2.25E-04 | 6.12E-04 | 2.1E-07 | 6.4E-07 | 3.7E-07 | 3.4E-07 | 1.5E-07 | 6.4E-10 | 1.6E-08 | 8.0E-09 | 7.2E-09 | 2.2E-09 | 3.4E-08 |
| 498 | 642160.09 | 4290682.63 | 642160.09 | 429c | 2.47685  | 2.47653  | 2.47685  | 2.56271  | 1.41E-05 | 1.41E-05 | 2.64E-04 | 2.25E-04 | 5.17E-04 | 1.8E-07 | 5.4E-07 | 3.1E-07 | 2.8E-07 | 1.3E-07 | 5.4E-10 | 1.3E-08 | 6.8E-09 | 6.1E-09 | 1.9E-09 | 2.8E-08 |
| 499 | 642200.09 | 4290682.63 | 642200.09 | 429c | 2.12584  | 2.12559  | 2.12584  | 2.19714  | 1.21E-05 | 1.21E-05 | 2.26E-04 | 1.93E-04 | 4.44E-04 | 1.5E-07 | 4.6E-07 | 2.7E-07 | 2.4E-07 | 1.1E-07 | 4.7E-10 | 1.1E-08 | 5.8E-09 | 5.3E-09 | 1.6E-09 | 2.4E-08 |
| 500 | 642240.09 | 4290682.63 | 642240.09 | 429c | 1.84623  | 1.84603  | 1.84623  | 1.90548  | 1.05E-05 | 1.05E-05 | 1.97E-04 | 1.67E-04 | 3.85E-04 | 1.3E-07 | 4.0E-07 | 2.3E-07 | 2.1E-07 | 9.6E-08 | 4.0E-10 | 9.8E-09 | 5.0E-09 | 4.6E-09 | 1.4E-09 | 2.1E-08 |
| 501 | 642280.09 | 4290682.63 | 642280.09 | 429c | 1.62069  | 1.62052  | 1.62069  | 1.67014  | 9.20E-06 | 9.20E-06 | 1.73E-04 | 1.47E-04 | 3.38E-04 | 1.2E-07 | 3.5E-07 | 2.0E-07 | 1.9E-07 | 8.5E-08 | 3.5E-10 | 8.6E-09 | 4.4E-09 | 4.0E-09 | 1.2E-09 | 1.9E-08 |
| 502 | 642320.09 | 4290682.63 | 642320.09 | 429c | 1.43589  | 1.43575  | 1.43589  | 1.47738  | 8.15E-06 | 8.15E-06 | 1.53E-04 | 1.30E-04 | 2.99E-04 | 1.0E-07 | 3.1E-07 | 1.8E-07 | 1.6E-07 | 7.5E-08 | 3.1E-10 | 7.6E-09 | 3.9E-09 | 3.5E-09 | 1.1E-09 | 1.6E-08 |
| 503 | 642360.09 | 4290682.63 | 642360.09 | 429c | 1.28243  | 1.28231  | 1.28243  | 1.31743  | 7.28E-06 | 7.28E-06 | 1.16E-04 | 1.04E-04 | 2.40E-04 | 9.2E-08 | 2.8E-07 | 1.6E-07 | 1.5E-07 | 6.7E-08 | 2.8E-10 | 6.8E-09 | 3.5E-09 | 3.2E-09 | 9.6E-10 | 1.5E-08 |
| 504 | 642400.09 | 4290682.63 | 642400.09 | 429c | 1.15345  | 1.15335  | 1.15345  | 1.18313  | 6.55E-06 | 6.55E-06 | 1.23E-04 | 1.04E-04 | 2.40E-04 | 8.3E-08 | 2.5E-07 | 1.5E-07 | 1.3E-07 | 6.0E-08 | 2.5E-10 | 6.1E-09 | 3.1E-09 | 2.8E-09 | 8.6E-10 | 1.3E-08 |
| 505 | 642440.09 | 4290682.63 | 642440.09 | 429c | 1.04394  | 1.04385  | 1.04394  | 1.06922  | 5.93E-06 | 5.93E-06 | 1.11E-04 | 9.39E-05 | 2.17E-04 | 7.5E-08 | 2.3E-07 | 1.3E-07 | 1.2E-07 | 5.4E-08 | 2.3E-10 | 5.5E-09 | 2.8E-09 | 2.6E-09 | 7.8E-10 | 1.2E-08 |
| 506 | 642480.09 | 4290682.63 | 642480.09 | 429c | 0.95009  | 0.95000  | 0.95009  | 0.97174  | 5.40E-06 | 5.40E-06 | 9.65E-05 | 8.15E-05 | 2.17E-04 | 6.9E-08 | 2.1E-07 | 1.2E-07 | 1.1E-07 | 4.9E-08 | 2.1E-10 | 5.0E-09 | 2.6E-09 | 2.3E-09 | 7.1E-10 | 1.1E-08 |
| 507 | 642520.09 | 4290682.63 | 642520.09 | 429c | 0.86901  | 0.86894  | 0.86901  | 0.88761  | 4.94E-06 | 4.93E-06 | 9.25E-05 | 7.80E-05 | 1.80E-04 | 6.2E-08 | 1.9E-07 | 1.1E-07 | 9.9E-08 | 4.5E-08 | 1.9E-10 | 4.6E-09 | 2.4E-09 | 2.1E-09 | 6.5E-10 | 9.9E-09 |
| 508 | 642560.09 | 4290682.63 | 642560.09 | 429c | 0.79838  | 0.79838  | 0.79838  | 0.81443  | 4.53E-06 | 4.53E-06 | 8.50E-05 | 7.16E-05 | 1.66E-04 | 5.7E-08 | 1.7E-07 | 1.0E-07 | 9.1E-08 | 4.1E-08 | 1.7E-10 | 4.2E-09 | 2.2E-09 | 2.0E-09 | 5.9E-10 | 9.1E-09 |
| 509 | 642600.09 | 4290682.63 | 642600.09 | 429c | 0.73625  | 0.7362   | 0.73625  | 0.75014  | 4.18E-06 | 4.18E-06 | 7.84E-05 | 6.59E-05 | 1.53E-04 | 5.3E-08 | 1.6E-07 | 9.2E-08 | 8.4E-08 | 3.8E-08 | 1.6E-10 | 3.9E-09 | 2.0E-09 | 1.8E-09 | 5.5E-10 | 8.4E-09 |
|     |           |            |           |      |          |          |          |          |          |          |          |          |          |         |         |         |         |         |         |         |         |         |         |         |



|     |           |            |                 |          |          |          |          |          |          |          |          |          |         |         |         |         |         |         |         |         |         |         |         |
|-----|-----------|------------|-----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 590 | 642240.09 | 4290882.63 | 642240.09, 429C | 1.56707  | 1.56694  | 1.56707  | 1.54947  | 8.90E-06 | 8.90E-06 | 1.67E-04 | 1.36E-04 | 3.21E-04 | 1.1E-07 | 3.4E-07 | 1.9E-07 | 1.8E-07 | 8.0E-08 | 3.4E-10 | 8.1E-09 | 4.2E-09 | 3.8E-09 | 1.2E-09 | 1.8E-08 |
| 591 | 642280.09 | 4290882.63 | 642280.09, 429C | 1.4027   | 1.40258  | 1.4027   | 1.38925  | 7.97E-06 | 7.97E-06 | 1.49E-04 | 1.22E-04 | 2.87E-04 | 9.9E-08 | 3.0E-07 | 1.7E-07 | 1.6E-07 | 7.2E-08 | 3.0E-10 | 7.3E-09 | 3.8E-09 | 3.4E-09 | 1.0E-09 | 1.6E-08 |
| 592 | 642320.09 | 4290882.63 | 642320.09, 429C | 1.26391  | 1.26382  | 1.26391  | 1.25459  | 7.18E-06 | 7.18E-06 | 1.35E-04 | 1.10E-04 | 2.59E-04 | 9.0E-08 | 2.7E-07 | 1.6E-07 | 1.4E-07 | 6.5E-08 | 2.7E-10 | 6.6E-09 | 3.4E-09 | 3.1E-09 | 9.3E-10 | 1.4E-08 |
| 593 | 642360.09 | 4290882.63 | 642360.09, 429C | 1.14548  | 1.1454   | 1.14548  | 1.13991  | 6.51E-06 | 6.50E-06 | 1.22E-04 | 1.00E-04 | 2.35E-04 | 8.1E-08 | 2.5E-07 | 1.4E-07 | 1.3E-07 | 5.9E-08 | 2.5E-10 | 6.0E-09 | 3.1E-09 | 2.8E-09 | 8.4E-10 | 1.3E-08 |
| 594 | 642400.09 | 4290882.63 | 642400.09, 429C | 1.04353  | 1.04346  | 1.04353  | 1.04112  | 5.93E-06 | 5.93E-06 | 1.11E-04 | 9.15E-05 | 2.14E-04 | 7.4E-08 | 2.2E-07 | 1.3E-07 | 1.2E-07 | 5.4E-08 | 2.3E-10 | 5.4E-09 | 2.8E-09 | 2.5E-09 | 7.7E-10 | 1.2E-08 |
| 595 | 642440.09 | 4290882.63 | 642440.09, 429C | 0.95502  | 0.95496  | 0.95502  | 0.95514  | 5.42E-06 | 5.42E-06 | 1.02E-04 | 8.39E-05 | 1.96E-04 | 6.8E-08 | 2.1E-07 | 1.2E-07 | 1.1E-07 | 4.9E-08 | 2.1E-10 | 5.0E-09 | 2.6E-09 | 2.3E-09 | 7.1E-10 | 1.1E-08 |
| 596 | 642480.09 | 4290882.63 | 642480.09, 429C | 0.87764  | 0.87758  | 0.87764  | 0.87968  | 4.98E-06 | 4.98E-06 | 9.35E-05 | 7.73E-05 | 1.81E-04 | 6.3E-08 | 1.9E-07 | 1.1E-07 | 9.9E-08 | 4.5E-08 | 1.9E-10 | 4.6E-09 | 2.4E-09 | 2.1E-09 | 6.5E-10 | 9.9E-09 |
| 597 | 642520.09 | 4290882.63 | 642520.09, 429C | 0.80958  | 0.80953  | 0.80958  | 0.81301  | 4.60E-06 | 4.60E-06 | 8.62E-05 | 7.14E-05 | 1.67E-04 | 5.8E-08 | 1.7E-07 | 1.0E-07 | 9.2E-08 | 4.2E-08 | 1.8E-10 | 4.2E-09 | 2.2E-09 | 2.0E-09 | 6.0E-10 | 9.2E-09 |
| 598 | 642560.09 | 4290882.63 | 642560.09, 429C | 0.74935  | 0.7493   | 0.74935  | 0.75375  | 4.26E-06 | 4.26E-06 | 7.98E-05 | 6.62E-05 | 1.55E-04 | 5.3E-08 | 1.6E-07 | 8.4E-08 | 8.5E-08 | 3.9E-08 | 1.6E-10 | 3.9E-09 | 2.0E-09 | 1.8E-09 | 5.5E-10 | 8.5E-09 |
| 599 | 642600.09 | 4290882.63 | 642600.09, 429C | 0.69578  | 0.69574  | 0.69578  | 0.70081  | 3.95E-06 | 3.95E-06 | 7.41E-05 | 6.16E-05 | 1.44E-04 | 5.0E-08 | 1.5E-07 | 8.7E-08 | 7.9E-08 | 3.6E-08 | 1.5E-10 | 3.6E-09 | 1.9E-09 | 1.7E-09 | 5.2E-10 | 7.9E-09 |
| 600 | 641450.64 | 4290754.44 | 641450.64, 429C | 6.23342  | 6.23479  | 6.23342  | 5.66375  | 3.54E-05 | 3.54E-05 | 6.64E-04 | 4.98E-04 | 1.23E-03 | 4.3E-07 | 1.3E-06 | 7.5E-07 | 6.8E-07 | 3.1E-07 | 1.3E-09 | 3.1E-08 | 1.6E-08 | 1.5E-08 | 4.4E-09 | 6.8E-08 |
| 601 | 641490.64 | 4290754.44 | 641490.64, 429C | 8.39303  | 8.39522  | 8.39303  | 7.55045  | 4.77E-05 | 4.77E-05 | 8.94E-04 | 6.63E-04 | 1.65E-03 | 5.7E-07 | 1.7E-06 | 1.0E-06 | 9.1E-07 | 4.1E-07 | 1.7E-09 | 4.2E-08 | 2.2E-08 | 2.0E-08 | 5.9E-09 | 9.1E-08 |
| 602 | 641530.64 | 4290754.44 | 641530.64, 429C | 11.98376 | 11.98752 | 11.98376 | 10.59006 | 6.81E-05 | 6.81E-05 | 1.28E-03 | 9.30E-04 | 2.34E-03 | 8.1E-07 | 2.4E-06 | 1.4E-06 | 1.3E-06 | 5.9E-07 | 2.5E-09 | 5.9E-08 | 3.1E-08 | 2.8E-08 | 8.4E-09 | 1.3E-07 |
| 603 | 641570.64 | 4290754.44 | 641570.64, 429C | 18.16254 | 18.16924 | 18.16254 | 15.54421 | 1.03E-04 | 1.03E-04 | 1.93E-03 | 1.37E-03 | 3.51E-03 | 1.2E-06 | 3.7E-06 | 2.1E-06 | 1.9E-06 | 8.8E-07 | 3.7E-09 | 8.9E-08 | 4.6E-08 | 4.2E-08 | 1.3E-08 | 1.9E-07 |
| 604 | 641610.64 | 4290754.44 | 641610.64, 429C | 28.76942 | 28.78097 | 28.76942 | 23.21355 | 1.63E-04 | 1.63E-04 | 3.06E-03 | 2.04E-03 | 5.43E-03 | 1.9E-06 | 5.7E-06 | 3.3E-06 | 3.0E-06 | 1.4E-06 | 5.7E-09 | 1.4E-07 | 7.1E-08 | 6.4E-08 | 1.9E-08 | 3.0E-07 |
| 605 | 641650.64 | 4290754.44 | 641650.64, 429C | 43.85558 | 43.87113 | 43.85558 | 32.76409 | 2.49E-04 | 2.49E-04 | 4.67E-03 | 2.88E-03 | 8.05E-03 | 2.8E-06 | 8.4E-06 | 4.9E-06 | 4.4E-06 | 2.0E-06 | 8.5E-09 | 2.0E-07 | 1.1E-07 | 9.5E-08 | 2.9E-08 | 4.4E-07 |
| 606 | 641450.64 | 4290794.44 | 641450.64, 429C | 6.4616   | 6.46305  | 6.4616   | 5.85015  | 3.67E-05 | 3.67E-05 | 6.88E-04 | 5.14E-04 | 1.28E-03 | 4.4E-07 | 1.3E-06 | 7.7E-07 | 7.0E-07 | 3.2E-07 | 1.3E-09 | 3.2E-08 | 1.7E-08 | 1.5E-08 | 4.6E-09 | 7.0E-08 |
| 607 | 641490.64 | 4290794.44 | 641490.64, 429C | 8.72214  | 8.72441  | 8.72214  | 7.79291  | 4.95E-05 | 4.95E-05 | 9.29E-04 | 6.85E-04 | 1.71E-03 | 5.9E-07 | 1.8E-06 | 1.0E-06 | 9.4E-07 | 4.3E-07 | 1.8E-09 | 4.3E-08 | 2.2E-08 | 2.0E-08 | 6.1E-09 | 9.4E-08 |
| 608 | 641530.64 | 4290794.44 | 641530.64, 429C | 12.26082 | 12.26446 | 12.26082 | 10.72863 | 6.96E-05 | 6.97E-05 | 1.31E-03 | 9.43E-04 | 2.39E-03 | 8.3E-07 | 2.5E-06 | 1.4E-06 | 1.3E-06 | 6.0E-07 | 2.5E-09 | 6.1E-08 | 3.1E-08 | 2.8E-08 | 8.6E-09 | 1.3E-07 |
| 609 | 641570.64 | 4290794.44 | 641570.64, 429C | 17.68473 | 17.69037 | 17.68473 | 14.98518 | 1.00E-04 | 1.00E-04 | 1.88E-03 | 1.32E-03 | 3.40E-03 | 1.2E-06 | 3.6E-06 | 2.1E-06 | 1.9E-06 | 8.5E-07 | 3.6E-09 | 8.6E-08 | 4.4E-08 | 4.0E-08 | 1.2E-08 | 1.9E-07 |
| 610 | 641610.64 | 4290794.44 | 641610.64, 429C | 25.13329 | 25.14096 | 25.13329 | 20.38307 | 1.43E-04 | 1.43E-04 | 2.68E-03 | 1.79E-03 | 4.75E-03 | 1.6E-06 | 5.0E-06 | 2.9E-06 | 2.6E-06 | 1.2E-06 | 5.0E-09 | 1.2E-07 | 6.2E-08 | 5.6E-08 | 1.7E-08 | 2.6E-07 |
| 611 | 641650.64 | 4290794.44 | 641650.64, 429C | 33.00361 | 33.01134 | 33.00361 | 25.61105 | 1.87E-04 | 1.87E-04 | 3.51E-03 | 2.25E-03 | 6.14E-03 | 2.1E-06 | 6.4E-06 | 3.7E-06 | 3.4E-06 | 1.5E-06 | 6.5E-09 | 1.6E-07 | 8.0E-08 | 7.3E-08 | 2.2E-08 | 3.4E-07 |
| 612 | 641450.64 | 4290834.44 | 641450.64, 429C | 6.63085  | 6.63231  | 6.63085  | 5.99081  | 3.77E-05 | 3.77E-05 | 7.06E-04 | 5.36E-04 | 1.31E-03 | 4.5E-07 | 1.4E-06 | 7.9E-07 | 7.2E-07 | 3.3E-07 | 1.4E-09 | 3.3E-08 | 1.7E-08 | 1.5E-08 | 4.7E-09 | 7.2E-08 |
| 613 | 641490.64 | 4290834.44 | 641490.64, 429C | 8.82742  | 8.82959  | 8.82742  | 7.87011  | 5.01E-05 | 5.01E-05 | 9.40E-04 | 6.91E-04 | 1.73E-03 | 6.0E-07 | 1.8E-06 | 1.0E-06 | 9.5E-07 | 4.3E-07 | 1.8E-09 | 4.4E-08 | 2.3E-08 | 2.1E-08 | 6.2E-09 | 9.5E-08 |
| 614 | 641530.64 | 4290834.44 | 641530.64, 429C | 11.97552 | 11.97867 | 11.97552 | 10.47628 | 6.80E-05 | 6.80E-05 | 1.28E-03 | 9.20E-04 | 2.33E-03 | 8.1E-07 | 2.4E-06 | 1.4E-06 | 1.3E-06 | 5.8E-07 | 2.5E-09 | 5.9E-08 | 3.0E-08 | 2.8E-08 | 8.4E-09 | 1.3E-07 |
| 615 | 641570.64 | 4290834.44 | 641570.64, 429C | 16.19775 | 16.20197 | 16.19775 | 13.79055 | 9.20E-05 | 9.20E-05 | 1.72E-03 | 1.21E-03 | 3.12E-03 | 1.1E-06 | 3.3E-06 | 1.9E-06 | 1.7E-06 | 7.8E-07 | 3.3E-09 | 7.9E-08 | 4.1E-08 | 3.7E-08 | 1.1E-08 | 1.7E-07 |
| 616 | 641610.64 | 4290834.44 | 641610.64, 429C | 21.05121 | 21.05601 | 21.05121 | 17.34952 | 1.20E-04 | 1.20E-04 | 2.24E-03 | 1.52E-03 | 4.01E-03 | 1.4E-06 | 4.2E-06 | 2.4E-06 | 2.2E-06 | 1.0E-06 | 4.2E-09 | 1.0E-07 | 5.2E-08 | 4.7E-08 | 1.4E-08 | 2.2E-07 |
| 617 | 641650.64 | 4290834.44 | 641650.64, 429C | 25.11969 | 25.12367 | 25.11969 | 20.16811 | 1.43E-04 | 1.43E-04 | 2.67E-03 | 1.77E-03 | 4.73E-03 | 1.6E-06 | 4.9E-06 | 2.9E-06 | 2.6E-06 | 1.2E-06 | 5.0E-09 | 1.2E-07 | 6.2E-08 | 5.6E-08 | 1.7E-08 | 2.6E-07 |



Residential DOSEair =

(Cair\*(BR/BW)\*A\*EF\*10<sup>-6</sup>)

Residential Risk =

DOSEair \* CPF \* ASF \* ED/AT \* FAH

|                  |         |                                                                                      |     |     |                                                |
|------------------|---------|--------------------------------------------------------------------------------------|-----|-----|------------------------------------------------|
| A                | 1       | Inhalation absorption factor <sup>1</sup>                                            | CPF | 0.1 | Cancer Potency Factor for Benzene <sup>4</sup> |
| EF               | 0.96    | Exposure frequency (350/year) <sup>2</sup>                                           | AT  | 70  | Averaging Time <sup>5</sup>                    |
| 10 <sup>-6</sup> | 1.0E-06 | Micrograms to milligrams conversions, liters to cubic meters conversion <sup>3</sup> |     |     |                                                |

| Age   | BR/BW | ASF | FAH  | ED (Ops) |
|-------|-------|-----|------|----------|
| 3rd   | 361   | 10  | 0.85 | 0.25     |
| 0<2   | 1090  | 10  | 0.85 | 2        |
| 2<9   | 631   | 3   | 0.72 | 7        |
| 9<16  | 572   | 3   | 0.72 | 7        |
| 16<30 | 261   | 1   | 0.73 | 13.75    |

Notes:

1 Inhalation Absorption Factor, OEHHA 2015, p 5-24

2 Exposure Frequency (days/year), OEHHA 2015, p 5-24, 350/365 days in a year for a resident, and OEHHA 2015, p 5-28, 250/365 days, 5 days/week, 50 weeks/year

3 µg to mg conversions, liters to cubic meters conversion, OEHHA 2015, Equation5.4.1.1, page 5-24

4 Cancer Potency Factor for Benzene, OEHHA 2015, Table 7.1, page 7-4

5 Averaging Time, OEHHA 2015, Equation 8.2.4 A, page 8-7

6 Daily Breathing Rate normalized to Body Weight, OEHHA 2015, Table 5.7, page 5-25 (95 %ile for 3rd-2yrs, 80th for other age groups)

7 Age Sensitivity Factor, OEHHA 2015, Table 8.3, page 8-5

8 Exposure Duration, OEHHA 2015, Equation 8.2.4 A, page 8-7

9 Fraction of Time at Home, OEHHA 2015, Table 8.4, page 8-5

10 Worker Adjustment Factor, OEHHA 2015, Equation 5.4.1.2 B, page 5-29



Operational Risk - Fueling (Ethylbenzene)

|  |  | Emissions Rate (g/s): |  |  |  |  | Fueling + Hose<br>Permeation<br>Spillage |  |  |  |  |
|--|--|-----------------------|--|--|--|--|------------------------------------------|--|--|--|--|
|  |  | Loading               |  |  |  |  | Breathing                                |  |  |  |  |
|  |  | 2.49E-05              |  |  |  |  | 1.60E-04                                 |  |  |  |  |
|  |  | 8.31E-06              |  |  |  |  | 1.33E-06                                 |  |  |  |  |
|  |  | 3.04E-06              |  |  |  |  | 5.71E-05                                 |  |  |  |  |
|  |  | 3.61E-04              |  |  |  |  | 4.40E-04                                 |  |  |  |  |
|  |  | 5.13E-04              |  |  |  |  | 6.09E-04                                 |  |  |  |  |
|  |  | 7.34E-04              |  |  |  |  | 4.51E-04                                 |  |  |  |  |
|  |  | 5.29E-04              |  |  |  |  | 6.31E-04                                 |  |  |  |  |
|  |  | 7.68E-04              |  |  |  |  | 4.59E-04                                 |  |  |  |  |
|  |  | 5.40E-04              |  |  |  |  | 6.65E-04                                 |  |  |  |  |
|  |  | 7.89E-04              |  |  |  |  | 4.66E-04                                 |  |  |  |  |
|  |  | 5.48E-04              |  |  |  |  | 6.56E-04                                 |  |  |  |  |
|  |  | 8.00E-04              |  |  |  |  | 4.72E-04                                 |  |  |  |  |
|  |  | 5.55E-04              |  |  |  |  | 6.65E-04                                 |  |  |  |  |
|  |  | 8.12E-04              |  |  |  |  | 4.76E-04                                 |  |  |  |  |
|  |  | 5.60E-04              |  |  |  |  | 6.74E-04                                 |  |  |  |  |
|  |  | 8.25E-04              |  |  |  |  | 4.80E-04                                 |  |  |  |  |
|  |  | 5.66E-04              |  |  |  |  | 6.83E-04                                 |  |  |  |  |
|  |  | 4.82E-04              |  |  |  |  | 6.83E-04                                 |  |  |  |  |
|  |  | 4.86E-04              |  |  |  |  | 5.75E-04                                 |  |  |  |  |
|  |  | 4.94E-04              |  |  |  |  | 5.87E-04                                 |  |  |  |  |
|  |  | 7.12E-04              |  |  |  |  | 6.95E-04                                 |  |  |  |  |
|  |  | 8.88E-04              |  |  |  |  | 6.95E-04                                 |  |  |  |  |
|  |  | 5.03E-04              |  |  |  |  | 7.95E-04                                 |  |  |  |  |
|  |  | 6.00E-04              |  |  |  |  | 7.95E-04                                 |  |  |  |  |
|  |  | 7.30E-04              |  |  |  |  | 9.09E-04                                 |  |  |  |  |
|  |  | 4.77E-04              |  |  |  |  | 5.65E-04                                 |  |  |  |  |
|  |  | 6.81E-04              |  |  |  |  | 8.39E-04                                 |  |  |  |  |
|  |  | 1.05E-03              |  |  |  |  | 1.05E-03                                 |  |  |  |  |
|  |  | 1.33E-03              |  |  |  |  | 1.33E-03                                 |  |  |  |  |
|  |  | 1.69E-03              |  |  |  |  | 1.69E-03                                 |  |  |  |  |
|  |  | 2.12E-03              |  |  |  |  | 2.12E-03                                 |  |  |  |  |
|  |  | 2.54E-03              |  |  |  |  | 2.54E-03                                 |  |  |  |  |
|  |  | 2.88E-03              |  |  |  |  | 2.88E-03                                 |  |  |  |  |
|  |  | 3.50E-04              |  |  |  |  | 3.50E-04                                 |  |  |  |  |
|  |  | 3.10E-04              |  |  |  |  | 3.10E-04                                 |  |  |  |  |
|  |  | 2.78E-04              |  |  |  |  | 2.78E-04                                 |  |  |  |  |
|  |  | 2.50E-04              |  |  |  |  | 2.50E-04                                 |  |  |  |  |
|  |  | 2.27E-04              |  |  |  |  | 2.27E-04                                 |  |  |  |  |
|  |  | 2.07E-04              |  |  |  |  | 2.07E-04                                 |  |  |  |  |
|  |  | 1.90E-04              |  |  |  |  | 1.90E-04                                 |  |  |  |  |
|  |  | 4.86E-04              |  |  |  |  | 4.86E-04                                 |  |  |  |  |
|  |  | 5.76E-04              |  |  |  |  | 5.76E-04                                 |  |  |  |  |
|  |  | 6.94E-04              |  |  |  |  | 6.94E-04                                 |  |  |  |  |
|  |  | 8.48E-04              |  |  |  |  | 8.48E-04                                 |  |  |  |  |
|  |  | 1.05E-03              |  |  |  |  | 1.05E-03                                 |  |  |  |  |
|  |  | 1.30E-03              |  |  |  |  | 1.30E-03                                 |  |  |  |  |
|  |  | 1.59E-03              |  |  |  |  | 1.59E-03                                 |  |  |  |  |
|  |  | 1.90E-03              |  |  |  |  | 1.90E-03                                 |  |  |  |  |
|  |  | 2.18E-03              |  |  |  |  | 2.18E-03                                 |  |  |  |  |
|  |  | 2.38E-03              |  |  |  |  | 2.38E-03                                 |  |  |  |  |
|  |  | 3.33E-04              |  |  |  |  | 3.33E-04                                 |  |  |  |  |
|  |  | 2.96E-04              |  |  |  |  | 2.96E-04                                 |  |  |  |  |
|  |  | 2.65E-04              |  |  |  |  | 2.65E-04                                 |  |  |  |  |
|  |  | 2.40E-04              |  |  |  |  | 2.40E-04                                 |  |  |  |  |
|  |  | 2.18E-04              |  |  |  |  | 2.18E-04                                 |  |  |  |  |
|  |  | 1.99E-04              |  |  |  |  | 1.99E-04                                 |  |  |  |  |
|  |  | 1.83E-04              |  |  |  |  | 1.83E-04                                 |  |  |  |  |
|  |  | 1.71E-04              |  |  |  |  | 1.71E-04                                 |  |  |  |  |
|  |  | 1.64E-04              |  |  |  |  | 1.64E-04                                 |  |  |  |  |
|  |  | 1.50E-04              |  |  |  |  | 1.50E-04                                 |  |  |  |  |
|  |  | 1.37E-04              |  |  |  |  | 1.37E-04                                 |  |  |  |  |
|  |  | 1.26E-04              |  |  |  |  | 1.26E-04                                 |  |  |  |  |
|  |  | 1.16E-04              |  |  |  |  | 1.16E-04                                 |  |  |  |  |
|  |  | 1.07E-04              |  |  |  |  | 1.07E-04                                 |  |  |  |  |
|  |  | 9.87E-05              |  |  |  |  | 9.87E-05                                 |  |  |  |  |
|  |  | 9.10E-04              |  |  |  |  | 9.10E-04                                 |  |  |  |  |
|  |  | 7.57E-04              |  |  |  |  | 7.57E-04                                 |  |  |  |  |
|  |  | 3.17E-04              |  |  |  |  | 3.17E-04                                 |  |  |  |  |
|  |  | 2.83E-04              |  |  |  |  | 2.83E-04                                 |  |  |  |  |
|  |  | 2.55E-04              |  |  |  |  | 2.55E-04                                 |  |  |  |  |
|  |  | 2.30E-04              |  |  |  |  | 2.30E-04                                 |  |  |  |  |
|  |  | 2.10E-04              |  |  |  |  | 2.10E-04                                 |  |  |  |  |

Residential Dose

| 3rd     | 0<2     | 2<9     | 9<16    | 16<30   | 3rd     | 0<2     | 2<9     | 9<16    | 16<30   | Total Risk |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------------|
| 1.5E-07 | 4.6E-07 | 2.7E-07 | 2.4E-07 | 1.1E-07 | 4.0E-11 | 9.7E-10 | 5.0E-10 | 4.5E-10 | 1.4E-10 | 2.1E-09    |
| 1.8E-07 | 5.4E-07 | 3.1E-07 | 2.8E-07 | 1.3E-07 | 4.7E-11 | 1.1E-09 | 5.8E-10 | 5.3E-10 | 1.6E-10 | 2.5E-09    |
| 2.1E-07 | 6.4E-07 | 3.7E-07 | 3.3E-07 | 1.5E-07 | 5.6E-11 | 1.3E-09 | 6.9E-10 | 6.3E-10 | 1.9E-10 | 2.9E-09    |
| 2.5E-07 | 7.7E-07 | 4.4E-07 | 4.0E-07 | 1.8E-07 | 6.7E-11 | 1.6E-09 | 8.3E-10 | 7.6E-10 | 2.3E-10 | 3.5E-09    |
| 1.6E-07 | 4.7E-07 | 2.7E-07 | 2.5E-07 | 1.1E-07 | 4.1E-11 | 1.0E-09 | 5.1E-10 | 4.7E-10 | 1.4E-10 | 2.2E-09    |
| 1.8E-07 | 5.5E-07 | 3.2E-07 | 2.9E-07 | 1.3E-07 | 4.8E-11 | 1.2E-09 | 6.0E-10 | 5.5E-10 | 1.7E-10 | 2.5E-09    |
| 2.2E-07 | 6.6E-07 | 3.8E-07 | 3.5E-07 | 1.6E-07 | 5.8E-11 | 1.4E-09 | 7.2E-10 | 6.5E-10 | 2.0E-10 | 3.0E-09    |
| 2.7E-07 | 8.0E-07 | 4.6E-07 | 4.2E-07 | 1.9E-07 | 7.0E-11 | 1.7E-09 | 8.7E-10 | 7.9E-10 | 2.4E-10 | 3.7E-09    |
| 1.6E-07 | 4.8E-07 | 2.8E-07 | 2.5E-07 | 1.1E-07 | 4.2E-11 | 1.0E-09 | 5.2E-10 | 4.7E-10 | 1.4E-10 | 2.2E-09    |
| 1.9E-07 | 5.6E-07 | 3.3E-07 | 3.0E-07 | 1.4E-07 | 4.9E-11 | 1.2E-09 | 6.1E-10 | 5.6E-10 | 1.7E-10 | 2.6E-09    |
| 2.2E-07 | 6.8E-07 | 3.9E-07 | 3.5E-07 | 1.6E-07 | 5.9E-11 | 1.4E-09 | 7.3E-10 | 6.7E-10 | 2.0E-10 | 3.1E-09    |
| 2.7E-07 | 8.2E-07 | 4.8E-07 | 4.3E-07 | 2.0E-07 | 7.2E-11 | 1.7E-09 | 9.0E-10 | 8.1E-10 | 2.5E-10 | 3.8E-09    |
| 1.6E-07 | 4.9E-07 | 2.8E-07 | 2.6E-07 | 1.2E-07 | 4.3E-11 | 1.0E-09 | 5.3E-10 | 4.8E-10 | 1.5E-10 | 2.2E-09    |
| 1.9E-07 | 5.7E-07 | 3.3E-07 | 3.0E-07 | 1.4E-07 | 5.0E-11 | 1.2E-09 | 6.2E-10 | 5.6E-10 | 1.7E-10 | 2.6E-09    |
| 2.3E-07 | 6.9E-07 | 4.0E-07 | 3.6E-07 | 1.6E-07 | 6.0E-11 | 1.4E-09 | 7.5E-10 | 6.8E-10 | 2.0E-10 | 3.1E-09    |
| 2.8E-07 | 8.4E-07 | 4.8E-07 | 4.4E-07 | 2.0E-07 | 7.3E-11 | 1.8E-09 | 9.1E-10 | 8.2E-10 | 2.5E-10 | 3.8E-09    |
| 1.6E-07 | 4.9E-07 | 2.9E-07 | 2.6E-07 | 1.2E-07 | 4.3E-11 | 1.0E-09 | 5.4E-10 | 4.9E-10 | 1.5E-10 | 2.3E-09    |
| 1.9E-07 | 5.8E-07 | 3.4E-07 | 3.0E-07 | 1.4E-07 | 5.1E-11 | 1.2E-09 | 6.3E-10 | 5.7E-10 | 1.7E-10 | 2.7E-09    |
| 2.3E-07 | 7.0E-07 | 4.0E-07 | 3.6E-07 | 1.7E-07 | 6.1E-11 | 1.5E-09 | 7.6E-10 | 6.9E-10 | 2.1E-10 | 3.2E-09    |
| 2.8E-07 | 8.5E-07 | 4.9E-07 | 4.5E-07 | 2.0E-07 | 7.4E-11 | 1.8E-09 | 9.2E-10 | 8.4E-10 | 2.5E-10 | 3.9E-09    |
| 1.6E-07 | 5.0E-07 | 2.9E-07 | 2.6E-07 | 1.2E-07 | 4.4E-11 | 1.1E-09 | 5.4E-10 | 4.9E-10 | 1.5E-10 | 2.3E-09    |
| 1.9E-07 | 5.9E-07 | 3.4E-07 | 3.1E-07 | 1.4E-07 | 5.1E-11 | 1.2E-09 | 6.4E-10 | 5.8E-10 | 1.7E-10 | 2.7E-09    |
| 2.3E-07 | 7.0E-07 | 4.1E-07 | 3.7E-07 | 1.7E-07 | 6.2E-11 | 1.5E-09 | 7.7E-10 | 6.9E-10 | 2.1E-10 | 3.2E-09    |
| 2.9E-07 | 8.6E-07 | 5.0E-07 | 4.5E-07 | 2.1E-07 | 7.5E-11 | 1.8E-09 | 9.4E-10 | 8.5E-10 | 2.6E-10 | 3.9E-09    |
| 1.7E-07 | 5.0E-07 | 2.9E-07 | 2.6E-07 | 1.2E-07 | 4.4E-11 | 1.1E-09 | 5.5E-10 | 5.0E-10 | 1.5E-10 | 2.3E-09    |
| 2.0E-07 | 5.9E-07 | 3.4E-07 | 3.1E-07 | 1.4E-07 | 5.2E-11 | 1.3E-09 | 6.4E-10 | 5.8E-10 | 1.8E-10 | 2.7E-09    |
| 2.4E-07 | 7.1E-07 | 4.1E-07 | 3.7E-07 | 1.7E-07 | 6.2E-11 | 1.5E-09 | 7.8E-10 | 7.0E-10 | 2.1E-10 | 3.3E-09    |
| 2.9E-07 | 8.8E-07 | 5.1E-07 | 4.6E-07 | 2.1E-07 | 7.7E-11 | 1.9E-09 | 9.6E-10 | 8.7E-10 | 2.6E-10 | 4.0E-09    |
| 1.7E-07 | 5.1E-07 | 2.9E-07 | 2.7E-07 | 1.2E-07 | 4.4E-11 | 1.1E-09 | 5.5E-10 | 5.0E-10 | 1.5E-10 | 2.3E-09    |
| 2.0E-07 | 6.0E-07 | 3.5E-07 | 3.2E-07 | 1.4E-07 | 5.3E-11 | 1.3E-09 | 6.5E-10 | 5.9E-10 | 1.8E-10 | 2.7E-09    |
| 2.4E-07 | 7.3E-07 | 4.2E-07 | 3.8E-07 | 1.7E-07 | 6.4E-11 | 1.5E-09 | 7.9E-10 | 7.2E-10 | 2.2E-10 | 3.3E-09    |
| 3.0E-07 | 9.0E-07 | 5.2E-07 | 4.7E-07 | 2.2E-07 | 7.9E-11 | 1.9E-09 | 9.8E-10 | 8.9E-10 | 2.7E-10 | 4.1E-09    |
| 1.7E-07 | 5.2E-07 | 3.0E-07 | 2.7E-07 | 1.2E-07 | 4.5E-11 | 1.1E-09 | 5.6E-10 | 5.1E-10 | 1.5E-10 | 2.4E-09    |
| 2.0E-07 | 6.1E-07 | 3.6E-07 | 3.2E-07 | 1.5E-07 | 5.4E-11 | 1.3E-09 | 6.7E-10 | 6.0E-10 | 1.8E-10 | 2.8E-09    |
| 2.5E-07 | 7.4E-07 | 4.3E-07 | 3.9E-07 | 1.8E-07 | 6.5E-11 | 1.6E-09 | 8.1E-10 | 7.3E-10 | 2.2E-10 | 3.4E-09    |
| 3.1E-07 | 9.3E-07 | 5.4E-07 | 4.9E-07 | 2.2E-07 | 8.1E-11 | 2.0E-09 | 1.0E-09 | 9.2E-10 | 2.8E-10 | 4.2E-09    |
| 1.7E-07 | 5.3E-07 | 3.0E-07 | 2.8E-07 | 1.3E-07 | 4.6E-11 | 1.1E-09 | 5.7E-10 | 5.2E-10 | 1.6E-10 | 2.4E-09    |
| 2.1E-07 | 6.3E-07 | 3.6E-07 | 3.3E-07 | 1.5E-07 | 5.5E-11 | 1.3E-09 | 6.8E-10 | 6.2E-10 | 1.9E-10 | 2.9E-09    |
| 2.5E-07 | 7.6E-07 | 4.4E-07 | 4.0E-07 | 1.8E-07 | 6.7E-11 | 1.6E-09 | 8.3E-10 | 7.5E-10 | 2.3E-10 | 3.5E-09    |
| 3.1E-07 | 9.5E-07 | 5.5E-07 | 5.0E-07 | 2.3E-07 | 8.3E-11 | 2.0E-09 | 1.0E-09 | 9.4E-10 | 2.8E-10 | 4.3E-09    |
| 1.6E-07 | 5.0E-07 | 2.9E-07 | 2.6E-07 | 1.2E-07 | 4.4E-11 | 1.1E-09 | 5.4E-10 | 4.9E-10 | 1.5E-10 | 2.3E-09    |
| 2.0E-07 | 5.9E-07 | 3.4E-07 | 3.1E-07 | 1.4E-07 | 5.2E-11 | 1.2E-09 | 6.4E-10 | 5.8E-10 | 1.8E-10 | 2.7E-09    |
| 2.4E-07 | 7.1E-07 | 4.1E-07 | 3.7E-07 | 1.7E-07 | 6.2E-11 | 1.5E-09 | 7.7E-10 | 7.0E-10 | 2.1E-10 | 3.3E-09    |
| 2.9E-07 | 8.8E-07 | 5.1E-07 | 4.6E-07 | 2.1E-07 | 7.7E-11 | 1.9E-09 | 9.5E-10 | 8.6E-10 | 2.6E-10 | 4.0E-09    |
| 3.6E-07 | 1.1E-06 | 6.4E-07 | 5.8E-07 | 2.6E-07 | 9.6E-11 | 2.3E-09 | 1.2E-09 | 1.1E-09 | 3.3E-10 | 5.0E-09    |
| 4.6E-07 | 1.4E-06 | 8.1E-07 | 7.3E-07 | 3.3E-07 | 1.2E-10 | 2.9E-09 | 1.5E-09 | 1.4E-09 | 4.2E-10 | 6.4E-09    |
| 5.9E-07 | 1.8E-06 | 1.0E-06 | 9.3E-07 | 4.2E-07 | 1.5E-10 | 3.7E-09 | 1.9E-09 | 1.7E-09 | 5.3E-10 | 8.1E-09    |
| 7.3E-07 | 2.2E-06 | 1.3E-06 | 1.2E-06 | 5.3E-07 | 1.9E-10 | 4.7E-09 | 2.4E-09 | 2.2E-09 | 6.6E-10 | 1.0E-08    |
| 8.8E-07 | 2.7E-06 | 1.5E-06 | 1.4E-06 | 6.4E-07 | 2.3E-10 | 5.6E-09 | 2.9E-09 | 2.6E-09 | 7.9E-10 | 1.2E-08    |
| 1.0E-06 | 3.0E-06 | 1.7E-06 | 1.6E-06 | 7.2E-07 | 2.6E-10 | 6.4E-09 | 3.3E-09 | 3.0E-09 | 9.0E-10 | 1.4E-08    |
| 1.2E-07 | 3.7E-07 | 2.1E-07 | 1.9E-07 | 8.8E-08 | 3.2E-11 | 7.7E-10 | 4.0E-10 | 3.6E-10 | 1.1E-10 | 1.7E-09    |
| 1.1E-07 | 3.2E-07 | 1.9E-07 | 1.7E-07 | 7.8E-08 | 2.8E-11 | 6.9E-10 | 3.5E-10 | 3.2E-10 | 9.7E-11 | 1.5E-09    |
| 9.6E-08 | 2.9E-07 | 1.7E-07 | 1.5E-07 | 6.9E-08 | 2.5E-11 | 6.1E-10 | 3.2E-10 | 2.9E-10 | 8.7E-11 | 1.3E-09    |
| 8.7E-08 | 2.6E-07 | 1.5E-07 | 1.4E-07 | 6.3E-08 | 2.3E-11 | 5.5E-10 | 2.8E-10 | 2.6E-10 | 7.8E-11 | 1.2E-09    |
| 7.9E-08 | 2.4E-07 | 1.4E-07 | 1.2E-07 | 5.7E-08 | 2.1E-11 | 5.0E-10 | 2.6E-10 | 2.3E-10 | 7.1E-11 | 1.1E-09    |
| 7.2E-08 | 2.2E-07 | 1.3E-07 | 1.1E-07 | 5.2E-08 | 1.9E-11 | 4.6E-10 | 2.4E-10 | 2.1E-10 | 6.5E-11 | 9.9E-10    |
| 6.6E-08 | 2.0E-07 | 1.1E-07 | 1.0E-07 | 4.7E-08 | 1.7E-11 | 4.2E-10 | 2.2E-10 | 2.0E-10 | 5.9E-11 | 9.1E-10    |
| 1.7E-07 | 5.1E-07 | 2.9E-07 | 2.7E-07 | 1.2E-07 | 4.4E-11 | 1.1E-09 | 5.5E-10 | 5.0E-10 | 1.5E-10 | 2.3E-09    |
| 2.0E-07 | 6.0E-07 | 3.5E-07 | 3.2E-07 | 1.4E-07 | 5.3E-11 | 1.3E-09 | 6.6E-10 | 5.9E-10 | 1.8E-10 | 2.8E-09    |
| 2.4E-07 | 7.2E-07 | 4.2E-07 | 3.8E-07 | 1.7E-07 | 6.3E-11 | 1.5E-09 | 7.9E-10 | 7.1E-10 | 2.2E-10 | 3.3E-09    |
| 2.9E-07 | 8.9E-07 | 5.1E-07 | 4.6E-07 | 2.1E-07 | 7.7E-11 | 1.9E-09 | 9.6E-10 | 8.7E-10 | 2.6E-10 | 4.1E-09    |
| 3.6E-07 | 1.1E-06 | 6.3E-07 | 5.7E-07 | 2.6E-07 | 9.6E-11 | 2.3E-09 | 1.2E-09 | 1.1E-09 | 3.3E-10 | 5.0E-09    |
| 4.5E-07 | 1.4E-06 | 7.9E-07 | 7.1E-07 | 3.2E-07 | 1.2E-10 | 2.9E-09 | 1.5E-09 | 1.3E-09 | 4.1E-10 | 6.2E-09    |
| 5.5E-07 | 1.7E-06 | 9.6E-07 | 8.7E-07 | 4.0E-07 | 1.5E-10 | 3.5E-09 | 1.8E-09 | 1.6E-09 | 5.0E-10 | 7.6E-09    |
| 6.6E-07 | 2.0E-06 | 1.2E-06 | 1.0E-06 | 4.8E-07 | 1.7E-10 | 4.2E-09 | 2.2E-09 | 2.0E-09 | 5.9E-10 | 9.1E-09    |
| 7.6E-07 | 2.3E-06 | 1.3E-06 | 1.2E-06 | 5.5E-07 | 2.0E-10 | 4.8E-09 | 2.5E-09 | 2.3E-09 | 6.8E-10 | 1.0E-08    |
| 8.2E-07 | 2.5E-06 | 1.4E-06 | 1.3E-06 | 6.0E-07 | 2.2E-10 | 5.3E-09 | 2.7E-09 | 2.5E-09 | 7.4E-10 | 1.1E-08    |
| 1.2E-07 | 3.5E-07 | 2.0E-07 | 1.8E-07 | 8.3E-08 | 3.0E-11 | 7.4E-10 | 3.8E-10 | 3.4E-10 | 1.0E-10 | 1.6E-09    |
| 1.0E-07 | 3.1E-07 | 1.8E-07 | 1.6E-07 | 7.4E-08 | 2.7E-11 | 6.5E-10 | 3.4E-10 | 3.1E-10 | 9.2E-11 | 1.4E-09    |
| 9.2E-08 | 2.8E-07 | 1.6E-07 | 1.5E-07 | 6.6E-08 | 2.4E-11 | 5.9E-10 | 3.0E-10 | 2.7E-10 | 8.3E-11 | 1.3E-09    |
| 8.3E-08 | 2.5E-07 | 1.5E-07 | 1.3E-07 | 6.0E-08 | 2.2E-11 | 5.3E-10 | 2.7E-10 | 2.5E-10 | 7.5E-11 | 1.1E-09    |
| 7.5E-08 | 2.3E-07 | 1.3E-07 | 1.2E-07 | 5.5E-08 | 2.0E-11 | 4.8E-10 | 2.5E-10 | 2.2E-10 | 6.8E-11 | 1.0E-09    |
| 6.9E-08 | 2.1E-07 | 1.2E-07 | 1.1E-07 | 5.0E-08 | 1.8E-11 | 4.4E-10 | 2.3E-10 | 2.1E-10 | 6.2E-11 | 9.5E-10    |
| 6.3E-08 | 1.9E-07 | 1.1E-07 | 1.0E-07 | 4.6E-08 | 1.7E-11 | 4.0E-10 | 2.1E-10 | 1.9E-10 | 5.7E-11 | 8.7E-10    |
| 1.7E-07 | 5.2E-07 | 3.0E-07 | 2.7E-07 | 1.2E-07 | 4.5E-11 | 1.1E-09 | 5.6E-10 | 5.1E-10 | 1.5E-10 | 2.4E-09    |
| 2.0E-07 | 6.1E-07 | 3.5E-07 | 3.2E-07 | 1.5E-07 | 5.3E-11 | 1.3E-09 | 6.7E-10 | 6.0E-10 | 1.8E-10 | 2.8E-09    |
| 2.4E-07 | 7.3E-07 | 4.2E-07 | 3.8E-07 | 1.8E-07 | 6.4E-11 | 1.5E-09 | 8.0E-10 | 7.2E-10 | 2.2E-10 | 3.3E-09    |
| 2.9E-07 | 8.9E-07 | 5.1E-07 | 4.6E-07 | 2.1E-07 | 7.7E-11 | 1.9E-09 | 9.6E-10 | 8.7E-10 | 2.6E-10 | 4.0E-09    |
| 3.6E-07 | 1.1E-06 | 6.2E-07 | 5.6E-07 | 2.6E-07 | 9.4E-11 | 2.3E-09 | 1.2E-09 | 1.1E-09 | 3.2E-10 | 4.9E-09    |
| 4.3E-07 | 1.3E-06 | 7.5E-07 | 6.8E-07 | 3.1E-07 | 1.1E-10 | 2.7E-09 | 1.4E-09 | 1.3E-09 | 3.9E-10 | 5.9E-09    |
| 5.1E-07 | 1.5E-06 | 8.9E-07 | 8.1E-07 | 3.7E-07 | 1.3E-10 | 3.2E-09 | 1.7E-09 | 1.5E-09 | 4.6E-10 | 7.0E-09    |
| 5.9E-07 | 1.8E-06 | 1.0E-06 | 9.3E-07 | 4.2E-07 | 1.5E-10 | 3.7E-09 | 1.9E-09 | 1.7E-09 | 5.3E-10 | 8.1E-09    |
| 6.5E-07 | 2.0E-06 | 1.1E-06 | 1.0E-06 | 4.7E-07 | 1.7E-10 | 4.1E-09 | 2.1E-09 | 1.9E-09 | 5.9E-10 | 9.0E-09    |
| 7.3E-07 | 2.1E-06 | 1.2E-06 | 1.1E-06 | 5.0E-07 | 1.8E-10 | 4.4E-09 | 2.3E-09 | 2.1E-09 | 6.2E-10 | 9.5E-09    |
| 7.7E-07 | 2.1E-06 | 1.2E-06 | 1.1E-06 | 5.1E-07 | 1.8E-10 | 4.5E-09 | 2.3E-09 | 2.1E-09 | 6.3E-10 | 9.6E-09    |
| 6.2E-07 | 2.0E-06 | 1.2E-06 | 1.1E-06 | 4.9E-07 | 1.8E-10 | 4.3E-09 | 2.2E-09 | 2.0E-09 | 6.1E-10 | 9.3E-09    |
| 6.2E-07 | 1.9E-06 | 1.1E-06 | 9.8E-07 | 4.5E-07 | 1.6E-10 | 3.9E-09 | 2.0E-09 | 1.8E-09 | 5.6E-10 | 8.5E-09    |
| 5.4E-07 | 1.6E-06 | 9.4E-07 | 8.5E-07 | 3.9E-07 | 1.4E-10 | 3.4E-09 | 1.8E-09 | 1.6E-09 | 4.9E-10 | 7.4E-09    |
| 4.6E-07 | 1.4E-06 | 8.0E-07 | 7.2E-07 | 3.3E-07 | 1.2E-10 | 2.9E-09 | 1.5E-09 | 1.4E-09 | 4.1E-10 | 6.3E-09    |
| 3.8E-07 | 1.1E-06 | 6.7E-07 | 6.0E-07 | 2.8E-07 | 1.0E-10 | 2.4E-09 | 1.3E-09 | 1.1E-09 | 3.4E-10 | 5.3E-09    |
| 3.2E-07 | 9.5E-07 | 5.5E-07 |         |         |         |         |         |         |         |            |



|     |           |            |           |      |         |         |         |         |          |          |          |          |          |         |         |         |         |         |         |         |         |         |         |         |
|-----|-----------|------------|-----------|------|---------|---------|---------|---------|----------|----------|----------|----------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 98  | 642388.28 | 4290969.76 | 642388.28 | 429K | 0.9946  | 0.99454 | 0.9946  | 0.98186 | 8.27E-06 | 1.32E-06 | 2.48E-05 | 1.57E-04 | 1.92E-04 | 6.6E-08 | 2.0E-07 | 1.2E-07 | 1.1E-07 | 4.8E-08 | 1.8E-11 | 4.2E-10 | 2.2E-10 | 2.0E-10 | 6.0E-11 | 9.2E-10 |
| 99  | 642428.28 | 4290969.76 | 642428.28 | 429K | 0.91426 | 0.9142  | 0.91426 | 0.9036  | 7.60E-06 | 1.22E-06 | 2.28E-05 | 1.45E-04 | 1.76E-04 | 6.1E-08 | 1.8E-07 | 1.1E-07 | 9.7E-08 | 4.4E-08 | 1.6E-11 | 3.9E-10 | 2.0E-10 | 1.8E-10 | 5.5E-11 | 8.4E-10 |
| 100 | 641268.28 | 4291009.76 | 641268.28 | 4291 | 2.72858 | 2.72894 | 2.72858 | 2.5363  | 2.27E-05 | 3.63E-06 | 6.80E-05 | 4.07E-04 | 5.01E-04 | 1.7E-07 | 5.2E-07 | 3.0E-07 | 2.7E-07 | 1.3E-07 | 4.6E-11 | 1.1E-09 | 5.7E-10 | 5.2E-10 | 1.6E-10 | 2.4E-09 |
| 101 | 641308.28 | 4291009.76 | 641308.28 | 4291 | 3.22289 | 3.22234 | 3.22289 | 2.98764 | 2.68E-05 | 4.29E-06 | 8.04E-05 | 4.79E-04 | 5.90E-04 | 2.0E-07 | 6.2E-07 | 3.6E-07 | 3.2E-07 | 1.5E-07 | 5.4E-11 | 1.3E-09 | 6.7E-10 | 6.1E-10 | 1.8E-10 | 2.8E-09 |
| 102 | 641348.28 | 4291009.76 | 641348.28 | 4291 | 3.83519 | 3.83576 | 3.83519 | 3.54851 | 3.19E-05 | 5.10E-06 | 9.56E-05 | 5.69E-04 | 7.01E-04 | 2.4E-07 | 7.3E-07 | 4.2E-07 | 3.8E-07 | 1.8E-07 | 6.4E-11 | 1.5E-09 | 8.0E-10 | 7.2E-10 | 2.2E-10 | 3.4E-09 |
| 103 | 641388.28 | 4291009.76 | 641388.28 | 4291 | 4.57805 | 4.57805 | 4.57805 | 4.23055 | 3.80E-05 | 6.09E-06 | 1.14E-04 | 6.78E-04 | 8.36E-04 | 2.9E-07 | 8.7E-07 | 5.1E-07 | 4.6E-07 | 2.1E-07 | 7.6E-11 | 1.8E-09 | 9.5E-10 | 8.6E-10 | 2.6E-10 | 4.0E-09 |
| 104 | 641428.28 | 4291009.76 | 641428.28 | 4291 | 5.45476 | 5.45558 | 5.45476 | 5.02792 | 4.53E-05 | 7.25E-06 | 1.36E-04 | 8.06E-04 | 9.95E-04 | 3.4E-07 | 1.0E-06 | 6.0E-07 | 5.5E-07 | 2.5E-07 | 9.1E-11 | 2.2E-09 | 1.1E-09 | 1.0E-09 | 3.1E-10 | 4.8E-09 |
| 105 | 641468.28 | 4291009.76 | 641468.28 | 4291 | 6.4371  | 6.43803 | 6.4371  | 5.90318 | 5.35E-05 | 8.56E-06 | 1.60E-04 | 9.46E-04 | 1.17E-03 | 4.0E-07 | 1.2E-06 | 7.1E-07 | 6.4E-07 | 2.9E-07 | 1.1E-10 | 2.6E-09 | 1.3E-09 | 1.2E-09 | 3.6E-10 | 5.6E-09 |
| 106 | 641508.28 | 4291009.76 | 641508.28 | 4291 | 7.46047 | 7.46145 | 7.46047 | 6.78207 | 6.20E-05 | 9.92E-06 | 1.86E-04 | 1.09E-03 | 1.35E-03 | 4.7E-07 | 1.4E-06 | 8.1E-07 | 7.4E-07 | 3.4E-07 | 1.2E-10 | 3.0E-09 | 1.5E-09 | 1.4E-09 | 4.2E-10 | 6.4E-09 |
| 107 | 641548.28 | 4291009.76 | 641548.28 | 4291 | 8.41614 | 8.41707 | 8.41614 | 7.56265 | 6.99E-05 | 1.12E-05 | 2.10E-04 | 1.21E-03 | 1.50E-03 | 5.2E-07 | 1.6E-06 | 9.1E-07 | 8.2E-07 | 3.8E-07 | 1.4E-10 | 3.3E-09 | 1.7E-09 | 1.5E-09 | 4.7E-10 | 7.2E-09 |
| 108 | 641588.28 | 4291009.76 | 641588.28 | 4291 | 9.17186 | 9.17264 | 9.17186 | 8.1465  | 7.62E-05 | 1.22E-05 | 2.29E-04 | 1.31E-03 | 1.62E-03 | 5.6E-07 | 1.7E-06 | 9.8E-07 | 8.9E-07 | 4.1E-07 | 1.5E-10 | 3.6E-09 | 1.8E-09 | 1.7E-09 | 5.1E-10 | 7.8E-09 |
| 109 | 641628.28 | 4291009.76 | 641628.28 | 4291 | 9.59993 | 9.60045 | 9.59993 | 8.46218 | 7.98E-05 | 1.28E-05 | 2.39E-04 | 1.36E-03 | 1.69E-03 | 5.8E-07 | 1.8E-06 | 1.0E-06 | 9.3E-07 | 4.2E-07 | 1.5E-10 | 3.7E-09 | 1.9E-09 | 1.7E-09 | 5.3E-10 | 8.1E-09 |
| 110 | 641668.28 | 4291009.76 | 641668.28 | 4291 | 9.60751 | 9.60768 | 9.60751 | 8.4665  | 7.98E-05 | 1.28E-05 | 2.40E-04 | 1.36E-03 | 1.69E-03 | 5.8E-07 | 1.8E-06 | 1.0E-06 | 9.3E-07 | 4.2E-07 | 1.5E-10 | 3.7E-09 | 1.9E-09 | 1.7E-09 | 5.3E-10 | 8.1E-09 |
| 111 | 641708.28 | 4291009.76 | 641708.28 | 4291 | 9.1673  | 9.1671  | 9.1673  | 8.14053 | 7.62E-05 | 1.22E-05 | 2.29E-04 | 1.31E-03 | 1.62E-03 | 5.6E-07 | 1.7E-06 | 9.8E-07 | 8.9E-07 | 4.1E-07 | 1.5E-10 | 3.6E-09 | 1.8E-09 | 1.7E-09 | 5.1E-10 | 7.8E-09 |
| 112 | 641748.28 | 4291009.76 | 641748.28 | 4291 | 8.34683 | 8.34632 | 8.34683 | 7.51531 | 6.94E-05 | 1.11E-05 | 2.08E-04 | 1.20E-03 | 1.49E-03 | 5.2E-07 | 1.6E-06 | 9.0E-07 | 8.2E-07 | 3.7E-07 | 1.4E-10 | 3.3E-09 | 1.7E-09 | 1.5E-09 | 4.7E-10 | 7.1E-09 |
| 113 | 641788.28 | 4291009.76 | 641788.28 | 4291 | 7.29983 | 7.29916 | 7.29983 | 6.69239 | 6.07E-05 | 9.71E-06 | 1.82E-04 | 1.07E-03 | 1.33E-03 | 4.6E-07 | 1.4E-06 | 8.0E-07 | 7.3E-07 | 3.3E-07 | 1.2E-10 | 2.9E-09 | 1.5E-09 | 1.4E-09 | 4.1E-10 | 6.3E-09 |
| 114 | 641828.28 | 4291009.76 | 641828.28 | 4291 | 6.20016 | 6.19945 | 6.20016 | 5.79822 | 5.15E-05 | 8.24E-06 | 1.55E-04 | 9.30E-04 | 1.14E-03 | 4.0E-07 | 1.2E-06 | 6.9E-07 | 6.3E-07 | 2.9E-07 | 1.0E-10 | 2.5E-09 | 1.3E-09 | 1.2E-09 | 3.6E-10 | 5.5E-09 |
| 115 | 641868.28 | 4291009.76 | 641868.28 | 4291 | 5.193   | 5.19235 | 5.193   | 4.9397  | 4.32E-05 | 6.90E-06 | 1.29E-04 | 7.92E-04 | 9.71E-04 | 3.4E-07 | 1.0E-06 | 5.9E-07 | 5.3E-07 | 2.4E-07 | 8.9E-11 | 2.1E-09 | 1.1E-09 | 1.0E-09 | 3.0E-10 | 4.6E-09 |
| 116 | 641908.28 | 4291009.76 | 641908.28 | 4291 | 4.33631 | 4.33576 | 4.33631 | 4.17244 | 3.60E-05 | 5.77E-06 | 1.08E-04 | 6.69E-04 | 8.19E-04 | 2.8E-07 | 8.6E-07 | 5.0E-07 | 4.5E-07 | 2.0E-07 | 7.5E-11 | 1.8E-09 | 9.3E-10 | 8.4E-10 | 2.6E-10 | 3.9E-09 |
| 117 | 641948.28 | 4291009.76 | 641948.28 | 4291 | 3.63912 | 3.63867 | 3.63912 | 3.52449 | 3.02E-05 | 4.84E-06 | 9.07E-05 | 5.65E-04 | 6.91E-04 | 2.4E-07 | 7.2E-07 | 4.2E-07 | 3.8E-07 | 1.7E-07 | 6.3E-11 | 1.5E-09 | 7.9E-10 | 7.1E-10 | 2.2E-10 | 3.3E-09 |
| 118 | 642188.28 | 4291009.76 | 642188.28 | 4291 | 1.56942 | 1.56942 | 1.56942 | 1.55039 | 1.30E-05 | 2.09E-06 | 3.91E-05 | 2.49E-04 | 3.03E-04 | 1.0E-07 | 3.2E-07 | 1.8E-07 | 1.7E-07 | 7.6E-08 | 2.8E-11 | 6.7E-10 | 3.4E-10 | 3.1E-10 | 9.5E-11 | 1.4E-09 |
| 119 | 642228.28 | 4291009.76 | 642228.28 | 4291 | 1.40547 | 1.40536 | 1.40547 | 1.38917 | 1.17E-05 | 1.87E-06 | 3.50E-05 | 2.23E-04 | 2.71E-04 | 9.4E-08 | 2.8E-07 | 1.6E-07 | 1.5E-07 | 6.8E-08 | 2.5E-11 | 6.0E-10 | 3.1E-10 | 2.8E-10 | 8.5E-11 | 1.3E-09 |
| 120 | 642268.28 | 4291009.76 | 642268.28 | 4291 | 1.26742 | 1.26752 | 1.26742 | 1.2524  | 1.05E-05 | 1.69E-06 | 3.16E-05 | 2.01E-04 | 2.45E-04 | 8.5E-08 | 2.6E-07 | 1.5E-07 | 1.3E-07 | 6.1E-08 | 2.2E-11 | 5.4E-10 | 2.8E-10 | 2.5E-10 | 7.6E-11 | 1.2E-09 |
| 121 | 642308.28 | 4291009.76 | 642308.28 | 4291 | 1.14974 | 1.14966 | 1.14974 | 1.13516 | 9.56E-06 | 1.53E-06 | 2.87E-05 | 1.82E-04 | 2.22E-04 | 7.7E-08 | 2.3E-07 | 1.3E-07 | 1.2E-07 | 5.5E-08 | 2.0E-11 | 4.9E-10 | 2.5E-10 | 2.3E-10 | 6.9E-11 | 1.1E-09 |
| 122 | 642348.28 | 4291009.76 | 642348.28 | 4291 | 1.04828 | 1.04821 | 1.04828 | 1.03422 | 8.71E-06 | 1.39E-06 | 2.61E-05 | 1.66E-04 | 2.02E-04 | 7.0E-08 | 2.1E-07 | 1.2E-07 | 1.1E-07 | 5.1E-08 | 1.8E-11 | 4.5E-10 | 2.3E-10 | 2.1E-10 | 6.3E-11 | 9.7E-10 |
| 123 | 642388.28 | 4291009.76 | 642388.28 | 4291 | 0.96069 | 0.96063 | 0.96069 | 0.94745 | 7.98E-06 | 1.28E-06 | 2.40E-05 | 1.52E-04 | 1.85E-04 | 6.4E-08 | 1.9E-07 | 1.1E-07 | 1.0E-07 | 4.6E-08 | 1.7E-11 | 4.1E-10 | 2.1E-10 | 1.9E-10 | 5.8E-11 | 8.8E-10 |
| 124 | 642428.28 | 4291009.76 | 642428.28 | 4291 | 0.88463 | 0.88463 | 0.88463 | 0.87257 | 7.35E-06 | 1.18E-06 | 2.21E-05 | 1.40E-04 | 1.70E-04 | 5.9E-08 | 1.8E-07 | 1.0E-07 | 9.3E-08 | 4.3E-08 | 1.6E-11 | 3.8E-10 | 1.9E-10 | 1.8E-10 | 5.3E-11 | 8.1E-10 |
| 125 | 641268.28 | 4291049.76 | 641268.28 | 4291 | 2.74627 | 2.74662 | 2.74627 | 2.55727 | 2.28E-05 | 3.65E-06 | 6.85E-05 | 4.10E-04 | 5.05E-04 | 1.7E-07 | 5.3E-07 | 3.1E-07 | 2.8E-07 | 1.3E-07 | 4.6E-11 | 1.1E-09 | 5.7E-10 | 5.2E-10 | 1.6E-10 | 2.4E-09 |
| 126 | 641308.28 | 4291049.76 | 641308.28 | 4291 | 3.21799 | 3.21799 | 3.21799 | 2.99367 | 2.67E-05 | 4.28E-06 | 8.02E-05 | 4.80E-04 | 5.91E-04 | 2.0E-07 | 6.2E-07 | 3.6E-07 | 3.2E-07 | 1.5E-07 | 5.4E-11 | 1.3E-09 | 6.7E-10 | 6.1E-10 | 1.8E-10 | 2.8E-09 |
| 127 | 641348.28 | 4291049.76 | 641348.28 | 4291 | 3.786   | 3.78652 | 3.786   | 3.52078 | 3.15E-05 | 5.03E-06 | 9.44E-05 | 5.64E-04 | 6.95E-04 | 2.4E-07 | 7.3E-07 | 4.2E-07 | 3.8E-07 | 1.7E-07 | 6.4E-11 | 1.5E-09 | 7.9E-10 | 7.2E-10 | 2.2E-10 | 3.3E-09 |
| 128 | 641388.28 | 4291049.76 | 641388.28 | 4291 | 4.44751 | 4.44751 | 4.44751 | 4.13376 | 3.70E-05 | 5.91E-06 | 1.11E-04 | 6.63E-04 | 8.16E-04 | 2.8E-07 | 8.5E-07 | 4.9E-07 | 4.5E-07 | 2.0E-07 | 7.5E-11 | 1.8E-09 | 9.3E-10 | 8.4E-10 | 2.5E-10 | 3.9E-09 |
| 129 | 641428.28 | 4291049.76 | 641428.28 | 4291 | 5.1865  | 5.18719 | 5.1865  | 4.81054 | 4.31E-05 | 6.90E-06 | 1.29E-04 | 7.71E-04 | 9.50E-04 | 3.3E-07 | 9.9E-07 | 5.8E-07 | 5.2E-07 | 2.4E-07 | 8.7E-11 | 2.1E-09 | 1.1E-09 | 9.8E-10 | 3.0E-10 | 4.5E-09 |
| 130 | 641468.28 | 4291049.76 | 641468.28 | 4291 | 5.9729  | 5.97365 | 5.9729  | 5.5106  | 4.96E-05 | 7.94E-06 | 1.49E-04 | 8.83E-04 | 1.09E-03 | 3.8E-07 | 1.1E-06 | 6.6E-07 | 6.0E-07 | 2.7E-07 | 1.0E-10 | 2.4E-09 | 1.2E-09 | 1.1E-09 | 3.4E-10 | 5.2E-09 |
| 131 | 641508.28 | 4291049.76 | 641508.28 | 4291 | 6.74438 | 6.74512 | 6.74438 | 6.16905 | 5.61E-05 | 8.97E-06 | 1.68E-04 | 9.89E-04 | 1.22E-03 | 4.2E-07 | 1.3E-06 | 7.4E-07 | 6.7E-07 | 3.1E-07 | 1.1E-10 | 2.7E-09 | 1.4E-09 | 1.3E-09 | 3.8E-10 | 5.8E-09 |
| 132 | 641548.28 | 4291049.76 | 641548.28 | 4291 | 7.41909 | 7.41977 | 7.41909 | 6.71546 | 6.17E-05 | 9.87E-06 | 1.85E-04 | 1.08E-03 | 1.33E-03 | 4.6E-07 | 1.4E-06 | 8.1E-07 | 7.3E-07 | 3.3E-07 | 1.2E-10 | 2.9E-09 | 1.5E-09 | 1.4E-09 | 4.2E-10 | 6.4E-09 |
| 133 | 641588.28 | 4291049.76 | 641588.28 | 4291 | 7.91107 | 7.91161 | 7.91107 | 7.09281 | 6.57E-05 | 1.05E-05 | 1.97E-04 | 1.14E-03 | 1.41E-03 | 4.9E-07 | 1.5E-06 | 8.5E-07 | 7.7E-07 | 3.5E-07 | 1.3E-10 | 3.1E-09 | 1.6E-09 | 1.5E-09 | 4.4E-10 | 6.7E-09 |
| 134 | 641628.28 | 4291049.76 | 641628.28 | 4291 | 8.14689 | 8.14722 | 8.14689 | 7.26509 | 6.77E-05 | 1.08E-05 | 2.03E-04 | 1.16E-03 | 1.45E-03 | 5.0E-07 | 1.5E-06 | 8.8E-07 | 7.9E-07 | 3.6E-07 | 1.3E-10 | 3.2E-09 | 1.6E-09 | 1.5E-09 | 4.5E-10 | 6.9E-09 |
| 135 | 641668.28 | 4291049.76 | 641668.28 | 4291 | 8.07904 | 8.07912 | 8.07904 | 7.21007 | 6.71E-05 | 1.07E-05 | 2.01E-04 | 1.16E-03 | 1.44E-03 | 5.0E-07 | 1.5E-06 | 8.7E-07 | 7.9E-07 | 3.6E-07 | 1.3E-10 | 3.2E-09 | 1.6E-09 | 1.5E-09 | 4.5E-10 | 6.9E-09 |
| 136 | 641708.28 | 4291049.76 | 641708.28 | 4291 | 7.70103 | 7.70085 | 7.70103 | 6.91836 | 6.40E-05 | 1.02E-05 | 1.92E-04 | 1.11E-03 | 1.38E-03 | 4.8E-07 | 1.4E-06 | 8.3E-07 | 7.5E-07 | 3.4E-07 | 1.3E-10 | 3.0E-09 | 1.6E-09 | 1.4E-09 | 4.3E-10 | 6.6E-09 |
| 137 | 641748.28 | 4291049.76 | 641748.28 | 4291 | 7.06249 | 7.06211 | 7.06249 | 6.41515 | 5.87E-05 | 9.39E-06 | 1.76E-04 | 1.03E-03 | 1.27E-03 | 4.4E-07 | 1.3E-06 | 7.7E-07 | 7.0E-07 | 3.2E-07 | 1.2E-10 | 2.8E-09 | 1.4E-09 | 1.3E-09 | 4.0E-10 | 6.1E-09 |
| 138 | 641788.28 | 4          |           |      |         |         |         |         |          |          |          |          |          |         |         |         |         |         |         |         |         |         |         |         |



|     |           |            |                 |         |         |         |  |         |          |          |          |          |          |         |         |         |         |         |         |         |         |         |         |         |
|-----|-----------|------------|-----------------|---------|---------|---------|--|---------|----------|----------|----------|----------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 205 | 641734.56 | 4290226.75 | 641734.56, 429K | 4.35305 | 4.35319 | 4.35305 |  | 4.95948 | 3.62E-05 | 5.79E-06 | 1.09E-04 | 7.95E-04 | 9.46E-04 | 3.3E-07 | 9.9E-07 | 5.7E-07 | 5.2E-07 | 2.4E-07 | 8.6E-11 | 2.1E-09 | 1.1E-09 | 9.7E-10 | 3.0E-10 | 4.5E-09 |
| 206 | 641774.56 | 4290226.75 | 641774.56, 429K | 4.7636  | 4.76377 | 4.7636  |  | 5.43209 | 3.96E-05 | 6.33E-06 | 1.19E-04 | 8.71E-04 | 1.04E-03 | 3.6E-07 | 1.1E-06 | 6.3E-07 | 5.7E-07 | 2.6E-07 | 9.5E-11 | 2.3E-09 | 1.2E-09 | 1.1E-09 | 3.2E-10 | 4.9E-09 |
| 207 | 641814.56 | 4290226.75 | 641814.56, 429K | 5.22719 | 5.22735 | 5.22719 |  | 6.05768 | 4.34E-05 | 6.95E-06 | 1.30E-04 | 9.71E-04 | 1.15E-03 | 4.0E-07 | 1.2E-06 | 7.0E-07 | 6.3E-07 | 2.9E-07 | 1.1E-10 | 2.5E-09 | 1.3E-09 | 1.2E-09 | 3.6E-10 | 5.5E-09 |
| 208 | 641854.56 | 4290226.75 | 641854.56, 429K | 5.61167 | 5.61167 | 5.61167 |  | 6.69729 | 4.66E-05 | 7.46E-06 | 1.40E-04 | 1.07E-03 | 1.27E-03 | 4.4E-07 | 1.3E-06 | 7.7E-07 | 7.0E-07 | 3.2E-07 | 1.2E-10 | 2.8E-09 | 1.4E-09 | 1.3E-09 | 4.0E-10 | 6.1E-09 |
| 209 | 641894.56 | 4290226.75 | 641894.56, 429K | 5.75285 | 5.75263 | 5.75285 |  | 7.0178  | 4.78E-05 | 7.65E-06 | 1.43E-04 | 1.13E-03 | 1.32E-03 | 4.6E-07 | 1.4E-06 | 8.0E-07 | 7.3E-07 | 3.3E-07 | 1.2E-10 | 2.9E-09 | 1.5E-09 | 1.4E-09 | 4.1E-10 | 6.3E-09 |
| 210 | 641934.56 | 4290226.75 | 641934.56, 429K | 5.58543 | 5.58543 | 5.58543 |  | 6.81656 | 4.64E-05 | 7.43E-06 | 1.39E-04 | 1.09E-03 | 1.29E-03 | 4.5E-07 | 1.3E-06 | 7.8E-07 | 7.1E-07 | 3.2E-07 | 1.2E-10 | 2.8E-09 | 1.5E-09 | 1.3E-09 | 4.0E-10 | 6.1E-09 |
| 211 | 641974.56 | 4290226.75 | 641974.56, 429K | 5.179   | 5.17847 | 5.179   |  | 6.21273 | 4.30E-05 | 6.89E-06 | 1.29E-04 | 9.96E-04 | 1.18E-03 | 4.1E-07 | 1.2E-06 | 7.1E-07 | 6.4E-07 | 2.9E-07 | 1.1E-10 | 2.6E-09 | 1.3E-09 | 1.2E-09 | 3.7E-10 | 5.6E-09 |
| 212 | 642014.56 | 4290226.75 | 642014.56, 429K | 4.65363 | 4.65363 | 4.65363 |  | 5.44943 | 3.87E-05 | 6.19E-06 | 1.16E-04 | 8.74E-04 | 1.03E-03 | 3.6E-07 | 1.1E-06 | 6.3E-07 | 5.7E-07 | 2.6E-07 | 9.5E-11 | 2.3E-09 | 1.2E-09 | 1.1E-09 | 3.2E-10 | 4.9E-09 |
| 213 | 642054.56 | 4290226.75 | 642054.56, 429K | 4.10564 | 4.10514 | 4.10564 |  | 4.69249 | 3.41E-05 | 5.46E-06 | 1.02E-04 | 7.52E-04 | 8.94E-04 | 3.1E-07 | 9.3E-07 | 5.4E-07 | 4.9E-07 | 2.2E-07 | 8.2E-11 | 2.0E-09 | 1.0E-09 | 9.2E-10 | 2.8E-10 | 4.3E-09 |
| 214 | 642094.56 | 4290226.75 | 642094.56, 429K | 3.5901  | 3.58966 | 3.5901  |  | 4.01284 | 2.98E-05 | 4.77E-06 | 8.95E-05 | 6.43E-04 | 7.67E-04 | 2.7E-07 | 8.0E-07 | 4.6E-07 | 4.2E-07 | 1.9E-07 | 7.0E-11 | 1.7E-09 | 8.7E-10 | 7.9E-10 | 2.4E-10 | 3.7E-09 |
| 215 | 642134.56 | 4290226.75 | 642134.56, 429K | 3.1313  | 3.13093 | 3.1313  |  | 3.4313  | 2.60E-05 | 4.16E-06 | 7.81E-05 | 5.50E-04 | 6.58E-04 | 2.3E-07 | 6.9E-07 | 4.0E-07 | 3.6E-07 | 1.6E-07 | 6.0E-11 | 1.5E-09 | 7.5E-10 | 6.8E-10 | 2.1E-10 | 3.1E-09 |
| 216 | 642174.56 | 4290226.75 | 642174.56, 429K | 2.73289 | 2.73257 | 2.73289 |  | 2.94366 | 2.27E-05 | 3.63E-06 | 6.81E-05 | 4.72E-04 | 5.66E-04 | 2.0E-07 | 5.9E-07 | 3.4E-07 | 3.1E-07 | 1.4E-07 | 5.2E-11 | 1.3E-09 | 6.4E-10 | 5.8E-10 | 1.8E-10 | 2.7E-09 |
| 217 | 642214.56 | 4290226.75 | 642214.56, 429K | 2.38913 | 2.38886 | 2.38913 |  | 2.536   | 1.99E-05 | 3.18E-06 | 5.96E-05 | 4.07E-04 | 4.89E-04 | 1.7E-07 | 5.1E-07 | 3.0E-07 | 2.7E-07 | 1.2E-07 | 4.5E-11 | 1.1E-09 | 5.6E-10 | 5.0E-10 | 1.5E-10 | 2.3E-09 |
| 218 | 642254.56 | 4290226.75 | 642254.56, 429K | 2.0968  | 2.09658 | 2.0968  |  | 2.19836 | 1.74E-05 | 2.79E-06 | 5.23E-05 | 3.52E-04 | 4.25E-04 | 1.5E-07 | 4.4E-07 | 2.6E-07 | 2.3E-07 | 1.1E-07 | 3.9E-11 | 9.4E-10 | 4.8E-10 | 4.4E-10 | 1.3E-10 | 2.0E-09 |
| 219 | 642294.56 | 4290226.75 | 642294.56, 429K | 1.84992 | 1.84973 | 1.84992 |  | 1.91933 | 1.54E-05 | 2.46E-06 | 4.61E-05 | 3.08E-04 | 3.72E-04 | 1.3E-07 | 3.9E-07 | 2.2E-07 | 2.0E-07 | 9.3E-08 | 3.4E-11 | 8.2E-10 | 4.2E-10 | 3.8E-10 | 1.2E-10 | 1.8E-09 |
| 220 | 642334.56 | 4290226.75 | 642334.56, 429K | 1.64037 | 1.64021 | 1.64037 |  | 1.68691 | 1.36E-05 | 2.18E-06 | 4.09E-05 | 2.70E-04 | 3.27E-04 | 1.1E-07 | 3.4E-07 | 2.0E-07 | 1.8E-07 | 8.2E-08 | 3.0E-11 | 7.2E-10 | 3.7E-10 | 3.4E-10 | 1.0E-10 | 1.6E-09 |
| 221 | 642374.56 | 4290226.75 | 642374.56, 429K | 1.46042 | 1.46029 | 1.46042 |  | 1.49084 | 1.21E-05 | 1.94E-06 | 3.64E-05 | 2.39E-04 | 2.89E-04 | 1.0E-07 | 3.0E-07 | 1.8E-07 | 1.6E-07 | 7.2E-08 | 2.6E-11 | 6.4E-10 | 3.3E-10 | 3.0E-10 | 9.0E-11 | 1.4E-09 |
| 222 | 642414.56 | 4290226.75 | 642414.56, 429K | 1.30668 | 1.30657 | 1.30668 |  | 1.32599 | 1.09E-05 | 1.74E-06 | 3.26E-05 | 2.13E-04 | 2.58E-04 | 8.9E-08 | 2.7E-07 | 1.6E-07 | 1.4E-07 | 6.5E-08 | 2.4E-11 | 5.7E-10 | 2.9E-10 | 2.7E-10 | 8.0E-11 | 1.2E-09 |
| 223 | 642454.56 | 4290226.75 | 642454.56, 429K | 1.17547 | 1.17547 | 1.17547 |  | 1.18734 | 9.77E-06 | 1.56E-06 | 2.93E-05 | 1.90E-04 | 2.31E-04 | 8.0E-08 | 2.4E-07 | 1.4E-07 | 1.3E-07 | 5.8E-08 | 2.1E-11 | 5.1E-10 | 2.6E-10 | 2.4E-10 | 7.2E-11 | 1.1E-09 |
| 224 | 642494.56 | 4290226.75 | 642494.56, 429K | 1.06247 | 1.06239 | 1.06247 |  | 1.06954 | 8.83E-06 | 1.41E-06 | 2.65E-05 | 1.71E-04 | 2.08E-04 | 7.2E-08 | 2.2E-07 | 1.3E-07 | 1.1E-07 | 5.2E-08 | 1.9E-11 | 4.6E-10 | 2.4E-10 | 2.1E-10 | 6.5E-11 | 1.0E-09 |
| 225 | 642534.56 | 4290226.75 | 642534.56, 429K | 0.96484 | 0.96477 | 0.96484 |  | 0.96894 | 8.02E-06 | 1.28E-06 | 2.41E-05 | 1.55E-04 | 1.89E-04 | 6.5E-08 | 2.0E-07 | 1.1E-07 | 1.0E-07 | 4.7E-08 | 1.7E-11 | 4.2E-10 | 2.1E-10 | 1.9E-10 | 5.9E-11 | 9.0E-10 |
| 226 | 642574.56 | 4290226.75 | 642574.56, 429K | 0.88    | 0.87994 | 0.88    |  | 0.88233 | 7.31E-06 | 1.17E-06 | 2.19E-05 | 1.41E-04 | 1.72E-04 | 5.9E-08 | 1.8E-07 | 1.0E-07 | 9.4E-08 | 4.3E-08 | 1.6E-11 | 3.8E-10 | 2.0E-10 | 1.8E-10 | 5.4E-11 | 8.2E-10 |
| 227 | 642614.56 | 4290226.75 | 642614.56, 429K | 0.80701 | 0.80696 | 0.80701 |  | 0.80836 | 6.71E-06 | 1.07E-06 | 2.01E-05 | 1.30E-04 | 1.57E-04 | 5.5E-08 | 1.6E-07 | 9.5E-08 | 8.6E-08 | 3.9E-08 | 1.4E-11 | 3.5E-10 | 1.8E-10 | 1.6E-10 | 4.9E-11 | 7.5E-10 |
| 228 | 641374.56 | 4290266.75 | 641374.56, 429K | 2.09724 | 2.09724 | 2.09724 |  | 2.16744 | 1.74E-05 | 2.79E-06 | 5.23E-05 | 3.47E-04 | 4.20E-04 | 1.5E-07 | 4.4E-07 | 2.5E-07 | 2.3E-07 | 1.1E-07 | 3.8E-11 | 9.3E-10 | 4.8E-10 | 4.3E-10 | 1.3E-10 | 2.0E-09 |
| 229 | 641414.56 | 4290266.75 | 641414.56, 429K | 2.34911 | 2.34928 | 2.34911 |  | 2.45673 | 1.95E-05 | 3.12E-06 | 5.86E-05 | 3.94E-04 | 4.75E-04 | 1.6E-07 | 5.0E-07 | 2.9E-07 | 2.6E-07 | 1.2E-07 | 4.3E-11 | 1.0E-09 | 5.4E-10 | 4.9E-10 | 1.5E-10 | 2.3E-09 |
| 230 | 641454.56 | 4290266.75 | 641454.56, 429K | 2.62794 | 2.62812 | 2.62794 |  | 2.78733 | 2.18E-05 | 3.49E-06 | 6.55E-05 | 4.47E-04 | 5.38E-04 | 1.9E-07 | 5.6E-07 | 3.3E-07 | 2.9E-07 | 1.3E-07 | 4.9E-11 | 1.2E-09 | 6.1E-10 | 5.5E-10 | 1.7E-10 | 2.6E-09 |
| 231 | 641494.56 | 4290266.75 | 641494.56, 429K | 2.93458 | 2.93458 | 2.93458 |  | 3.159   | 2.44E-05 | 3.90E-06 | 7.32E-05 | 5.06E-04 | 6.08E-04 | 2.1E-07 | 6.4E-07 | 3.7E-07 | 3.3E-07 | 1.5E-07 | 5.6E-11 | 1.3E-09 | 6.9E-10 | 6.3E-10 | 1.9E-10 | 2.9E-09 |
| 232 | 641534.56 | 4290266.75 | 641534.56, 429K | 3.2698  | 3.26999 | 3.2698  |  | 3.57206 | 2.72E-05 | 4.35E-06 | 8.15E-05 | 5.73E-04 | 6.86E-04 | 2.4E-07 | 7.2E-07 | 4.1E-07 | 3.8E-07 | 1.7E-07 | 6.3E-11 | 1.5E-09 | 7.8E-10 | 7.1E-10 | 2.1E-10 | 3.3E-09 |
| 233 | 641574.56 | 4290266.75 | 641574.56, 429K | 3.63613 | 3.63613 | 3.63613 |  | 4.0301  | 3.02E-05 | 4.84E-06 | 9.07E-05 | 6.46E-04 | 7.72E-04 | 2.7E-07 | 8.1E-07 | 4.7E-07 | 4.2E-07 | 1.9E-07 | 7.1E-11 | 1.7E-09 | 8.8E-10 | 8.0E-10 | 2.4E-10 | 3.7E-09 |
| 234 | 641614.56 | 4290266.75 | 641614.56, 429K | 4.03153 | 4.03172 | 4.03153 |  | 4.53839 | 3.35E-05 | 5.36E-06 | 1.01E-04 | 7.28E-04 | 8.67E-04 | 3.0E-07 | 9.1E-07 | 5.2E-07 | 4.8E-07 | 2.2E-07 | 7.9E-11 | 1.9E-09 | 9.9E-10 | 8.9E-10 | 2.7E-10 | 4.1E-09 |
| 235 | 641654.56 | 4290266.75 | 641654.56, 429K | 4.44416 | 4.44416 | 4.44416 |  | 5.08726 | 3.69E-05 | 5.91E-06 | 1.11E-04 | 8.16E-04 | 9.69E-04 | 3.4E-07 | 1.0E-06 | 5.9E-07 | 5.3E-07 | 2.4E-07 | 8.9E-11 | 2.1E-09 | 1.1E-09 | 1.0E-09 | 3.0E-10 | 4.6E-09 |
| 236 | 641694.56 | 4290266.75 | 641694.56, 429K | 4.86504 | 4.86521 | 4.86504 |  | 5.63623 | 4.04E-05 | 6.47E-06 | 1.21E-04 | 9.04E-04 | 1.07E-03 | 3.7E-07 | 1.1E-06 | 6.5E-07 | 5.9E-07 | 2.7E-07 | 9.8E-11 | 2.4E-09 | 1.2E-09 | 1.1E-09 | 3.3E-10 | 5.1E-09 |
| 237 | 641734.56 | 4290266.75 | 641734.56, 429K | 5.33816 | 5.33816 | 5.33816 |  | 6.1975  | 4.44E-05 | 7.10E-06 | 1.33E-04 | 9.94E-04 | 1.18E-03 | 4.1E-07 | 1.2E-06 | 7.1E-07 | 6.5E-07 | 2.9E-07 | 1.1E-10 | 2.6E-09 | 1.3E-09 | 1.2E-09 | 3.7E-10 | 5.6E-09 |
| 238 | 641774.56 | 4290266.75 | 641774.56, 429K | 5.91818 | 5.91843 | 5.91818 |  | 6.89832 | 4.92E-05 | 7.87E-06 | 1.48E-04 | 1.11E-03 | 1.31E-03 | 4.5E-07 | 1.4E-06 | 7.9E-07 | 7.2E-07 | 3.3E-07 | 1.2E-10 | 2.9E-09 | 1.5E-09 | 1.4E-09 | 4.1E-10 | 6.3E-09 |
| 239 | 641814.56 | 4290266.75 | 641814.56, 429K | 6.53694 | 6.53694 | 6.53694 |  | 7.18068 | 5.43E-05 | 8.69E-06 | 1.63E-04 | 1.25E-03 | 1.48E-03 | 5.1E-07 | 1.5E-06 | 8.9E-07 | 8.1E-07 | 3.7E-07 | 1.4E-10 | 3.3E-09 | 1.7E-09 | 1.5E-09 | 4.6E-10 | 7.1E-09 |
| 240 | 641854.56 | 4290266.75 | 641854.56, 429K | 6.95565 | 6.95553 | 6.95565 |  | 8.58621 | 5.78E-05 | 9.25E-06 | 1.73E-04 | 1.38E-03 | 1.62E-03 | 5.6E-07 | 1.7E-06 | 9.8E-07 | 8.9E-07 | 4.0E-07 | 1.5E-10 | 3.6E-09 | 1.8E-09 | 1.7E-09 | 5.0E-10 | 7.7E-09 |
| 241 | 641894.56 | 4290266.75 | 641894.56, 429K | 6.94817 | 6.94817 | 6.94817 |  | 8.69338 | 5.77E-05 | 9.24E-06 | 1.73E-04 | 1.39E-03 | 1.63E-03 | 5.7E-07 | 1.7E-06 | 9.9E-07 | 9.0E-07 | 4.1E-07 | 1.5E-10 | 3.6E-09 | 1.9E-09 | 1.7E-09 | 5.1E-10 | 7.8E-09 |
| 242 | 641934.56 | 4290266.75 | 641934.56, 429K | 6.51816 | 6.51816 | 6.51816 |  | 8.04641 | 5.42E-05 | 8.67E-06 | 1.63E-04 | 1.29E-03 | 1.52E-03 | 5.2E-07 | 1.6E-06 | 9.2E-07 | 8.3E-07 | 3.8E-07 | 1.4E-10 | 3.3E-09 | 1.7E-09 | 1.6E-09 | 4.7E-10 | 7.2E-09 |
| 243 | 641974.56 | 4290266.75 | 641974.56, 429K | 5.83974 | 5.83974 | 5.83974 |  | 7.01162 | 4.85E-05 | 7.76E-06 | 1.46E-04 | 1.12E-03 | 1.33E-03 | 4.6E-07 | 1.4E-06 | 8.0E-07 | 7.3E-07 | 3.3E-07 | 1.2E-10 | 2.9E-09 | 1.5E-09 | 1.4E-09 | 4.1E-10 | 6.3E-09 |
| 244 | 642014.56 | 4290266.75 | 642014.56, 429K | 5.09213 | 5.09213 | 5.09213 |  | 5.93367 | 4.23E-05 | 6.77E-06 | 1.27E-04 | 9.51E-04 | 1.13E-03 | 3.9E-07 | 1.2E-06 | 6.8E-07 | 6.2E-07 | 2.8E-07 | 1.0E-10 | 2.5E-09 | 1.3E-09 | 1.2E-09 | 3.5E-10 |         |







|     |           |            |           |      |          |          |          |          |          |          |          |          |          |         |         |         |         |         |         |         |         |         |         |         |
|-----|-----------|------------|-----------|------|----------|----------|----------|----------|----------|----------|----------|----------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 419 | 642614.56 | 4290466.75 | 642614.56 | 429C | 0.74082  | 0.74078  | 0.74082  | 0.74183  | 6.16E-06 | 9.85E-07 | 1.85E-05 | 1.19E-04 | 1.45E-04 | 5.0E-08 | 1.5E-07 | 8.7E-08 | 7.9E-08 | 3.6E-08 | 1.3E-11 | 3.2E-10 | 1.6E-10 | 1.5E-10 | 4.5E-11 | 6.9E-10 |
| 420 | 641920.09 | 4290522.63 | 641920.09 | 429C | 12.22264 | 12.22264 | 12.22264 | 13.3804  | 1.02E-04 | 1.62E-05 | 3.05E-04 | 2.15E-03 | 2.57E-03 | 8.9E-07 | 2.7E-06 | 1.6E-06 | 1.4E-06 | 6.4E-07 | 2.3E-10 | 5.7E-09 | 2.9E-09 | 2.6E-09 | 8.0E-10 | 1.2E-08 |
| 421 | 641960.09 | 4290522.63 | 641960.09 | 429C | 8.51149  | 8.50926  | 8.51149  | 9.07679  | 7.07E-05 | 1.13E-05 | 2.12E-04 | 1.46E-03 | 1.75E-03 | 6.1E-07 | 1.8E-06 | 1.1E-06 | 9.6E-07 | 4.4E-07 | 1.6E-10 | 3.9E-09 | 2.0E-09 | 1.8E-09 | 5.5E-10 | 8.4E-09 |
| 422 | 642000.09 | 4290522.63 | 642000.09 | 429C | 6.28649  | 6.28609  | 6.28649  | 6.60877  | 5.22E-05 | 8.36E-06 | 1.57E-04 | 1.06E-03 | 1.28E-03 | 4.4E-07 | 1.3E-06 | 7.7E-07 | 7.0E-07 | 3.2E-07 | 1.2E-10 | 2.8E-09 | 1.5E-09 | 1.3E-09 | 4.0E-10 | 6.1E-09 |
| 423 | 642040.09 | 4290522.63 | 642040.09 | 429C | 4.85395  | 4.85302  | 4.85395  | 5.05609  | 4.03E-05 | 6.45E-06 | 1.21E-04 | 8.11E-04 | 9.78E-04 | 3.4E-07 | 1.0E-06 | 5.9E-07 | 5.4E-07 | 2.4E-07 | 8.9E-11 | 2.2E-09 | 1.1E-09 | 1.0E-09 | 3.1E-10 | 4.7E-09 |
| 424 | 642080.09 | 4290522.63 | 642080.09 | 429C | 3.8748   | 3.8748   | 3.8748   | 4.00938  | 3.22E-05 | 5.15E-06 | 9.66E-05 | 6.43E-04 | 7.77E-04 | 2.7E-07 | 8.1E-07 | 4.7E-07 | 4.3E-07 | 1.9E-07 | 7.1E-11 | 1.7E-09 | 8.8E-10 | 8.0E-10 | 2.4E-10 | 3.7E-09 |
| 425 | 642120.09 | 4290522.63 | 642120.09 | 429C | 3.17163  | 3.17115  | 3.17163  | 3.2645   | 2.64E-05 | 4.22E-06 | 7.91E-05 | 5.23E-04 | 6.33E-04 | 2.2E-07 | 6.6E-07 | 3.8E-07 | 3.5E-07 | 1.6E-07 | 5.8E-11 | 1.4E-09 | 7.2E-10 | 6.5E-10 | 2.0E-10 | 3.0E-09 |
| 426 | 642160.09 | 4290522.63 | 642160.09 | 429C | 2.7163   | 2.65042  | 2.7163   | 2.7163   | 2.20E-05 | 3.52E-06 | 6.61E-05 | 4.35E-04 | 5.27E-04 | 1.8E-07 | 5.5E-07 | 3.2E-07 | 2.9E-07 | 1.3E-07 | 4.8E-11 | 1.2E-09 | 6.0E-10 | 5.4E-10 | 1.6E-10 | 2.5E-09 |
| 427 | 642200.09 | 4290522.63 | 642200.09 | 429C | 2.25332  | 2.25304  | 2.25332  | 2.30114  | 1.87E-05 | 3.00E-06 | 5.62E-05 | 3.69E-04 | 4.47E-04 | 1.5E-07 | 4.7E-07 | 2.7E-07 | 2.5E-07 | 1.1E-07 | 4.1E-11 | 9.9E-10 | 5.1E-10 | 4.6E-10 | 1.4E-10 | 2.1E-09 |
| 428 | 642240.09 | 4290522.63 | 642240.09 | 429C | 1.94287  | 1.94265  | 1.94287  | 1.97819  | 1.61E-05 | 2.58E-06 | 4.84E-05 | 3.17E-04 | 3.84E-04 | 1.3E-07 | 4.0E-07 | 2.3E-07 | 2.1E-07 | 9.6E-08 | 3.5E-11 | 8.5E-10 | 4.4E-10 | 4.0E-10 | 1.2E-10 | 1.8E-09 |
| 429 | 642280.09 | 4290522.63 | 642280.09 | 429C | 1.69554  | 1.69536  | 1.69554  | 1.72202  | 1.41E-05 | 2.25E-06 | 4.23E-05 | 2.76E-04 | 3.35E-04 | 1.2E-07 | 3.5E-07 | 2.0E-07 | 1.8E-07 | 8.4E-08 | 3.1E-11 | 7.4E-10 | 3.8E-10 | 3.4E-10 | 1.0E-10 | 1.6E-09 |
| 430 | 642320.09 | 4290522.63 | 642320.09 | 429C | 1.4949   | 1.49475  | 1.4949   | 1.51501  | 1.24E-05 | 1.99E-06 | 3.73E-05 | 2.43E-04 | 2.95E-04 | 1.0E-07 | 3.1E-07 | 1.8E-07 | 1.6E-07 | 7.4E-08 | 2.7E-11 | 6.5E-10 | 3.3E-10 | 3.0E-10 | 9.2E-11 | 1.4E-09 |
| 431 | 642360.09 | 4290522.63 | 642360.09 | 429C | 1.32931  | 1.32919  | 1.32931  | 1.34473  | 1.10E-05 | 1.77E-06 | 3.31E-05 | 2.16E-04 | 2.62E-04 | 9.1E-08 | 2.7E-07 | 1.6E-07 | 1.4E-07 | 6.5E-08 | 2.4E-11 | 5.8E-10 | 3.0E-10 | 2.7E-10 | 8.2E-11 | 1.3E-09 |
| 432 | 642400.09 | 4290522.63 | 642400.09 | 429C | 1.19107  | 1.19097  | 1.19107  | 1.20299  | 9.90E-06 | 1.58E-06 | 2.97E-05 | 1.93E-04 | 2.34E-04 | 8.1E-08 | 2.4E-07 | 1.4E-07 | 1.3E-07 | 5.9E-08 | 2.1E-11 | 5.2E-10 | 2.7E-10 | 2.4E-10 | 7.3E-11 | 1.1E-09 |
| 433 | 642440.09 | 4290522.63 | 642440.09 | 429C | 1.07425  | 1.07417  | 1.07425  | 1.08352  | 8.93E-06 | 1.43E-06 | 2.68E-05 | 1.74E-04 | 2.11E-04 | 7.3E-08 | 2.2E-07 | 1.3E-07 | 1.2E-07 | 5.3E-08 | 1.9E-11 | 4.7E-10 | 2.4E-10 | 2.2E-10 | 6.6E-11 | 1.0E-09 |
| 434 | 642480.09 | 4290522.63 | 642480.09 | 429C | 0.97521  | 0.97514  | 0.97521  | 0.98247  | 8.10E-06 | 1.30E-06 | 2.43E-05 | 1.58E-04 | 1.91E-04 | 6.6E-08 | 2.0E-07 | 1.2E-07 | 1.0E-07 | 4.8E-08 | 1.7E-11 | 4.2E-10 | 2.2E-10 | 2.0E-10 | 6.0E-11 | 9.1E-10 |
| 435 | 642520.09 | 4290522.63 | 642520.09 | 429C | 0.89012  | 0.89005  | 0.89012  | 0.89583  | 7.40E-06 | 1.18E-06 | 2.22E-05 | 1.44E-04 | 1.74E-04 | 6.0E-08 | 1.8E-07 | 1.1E-07 | 9.6E-08 | 4.4E-08 | 1.6E-11 | 3.9E-10 | 2.0E-10 | 1.8E-10 | 5.4E-11 | 8.3E-10 |
| 436 | 642560.09 | 4290522.63 | 642560.09 | 429C | 0.81644  | 0.81639  | 0.81644  | 0.82095  | 6.79E-06 | 1.09E-06 | 2.04E-05 | 1.32E-04 | 1.60E-04 | 5.5E-08 | 1.7E-07 | 9.7E-08 | 8.8E-08 | 4.0E-08 | 1.5E-11 | 3.5E-10 | 1.8E-10 | 1.6E-10 | 5.0E-11 | 7.6E-10 |
| 437 | 642600.09 | 4290522.63 | 642600.09 | 429C | 0.75216  | 0.75211  | 0.75216  | 0.75572  | 6.25E-06 | 1.00E-06 | 1.88E-05 | 1.21E-04 | 1.47E-04 | 5.1E-08 | 1.5E-07 | 8.9E-08 | 8.1E-08 | 3.7E-08 | 1.3E-11 | 3.2E-10 | 1.7E-10 | 1.5E-10 | 4.6E-11 | 7.0E-10 |
| 438 | 641920.09 | 4290562.63 | 641920.09 | 429C | 11.63819 | 11.63454 | 11.63819 | 12.83358 | 9.67E-05 | 1.55E-05 | 2.90E-04 | 2.06E-03 | 2.46E-03 | 8.5E-07 | 2.6E-06 | 1.5E-06 | 1.3E-06 | 6.2E-07 | 2.2E-10 | 5.4E-09 | 2.8E-09 | 2.5E-09 | 7.7E-10 | 1.2E-08 |
| 439 | 641960.09 | 4290562.63 | 641960.09 | 429C | 8.14972  | 8.14762  | 8.14972  | 8.79413  | 6.77E-05 | 1.08E-05 | 2.03E-04 | 1.41E-03 | 1.69E-03 | 5.9E-07 | 1.8E-06 | 1.0E-06 | 9.3E-07 | 4.2E-07 | 1.5E-10 | 3.7E-09 | 1.9E-09 | 1.7E-09 | 5.3E-10 | 8.1E-09 |
| 440 | 642000.09 | 4290562.63 | 642000.09 | 429C | 6.05914  | 6.05782  | 6.05914  | 6.44384  | 5.04E-05 | 8.06E-06 | 1.51E-04 | 1.03E-03 | 1.24E-03 | 4.3E-07 | 1.3E-06 | 7.5E-07 | 6.8E-07 | 3.1E-07 | 1.1E-10 | 2.7E-09 | 1.4E-09 | 1.3E-09 | 3.9E-10 | 5.9E-09 |
| 441 | 642040.09 | 4290562.63 | 642040.09 | 429C | 4.70311  | 4.70222  | 4.70311  | 4.94941  | 3.91E-05 | 6.25E-06 | 1.17E-04 | 7.93E-04 | 9.56E-04 | 3.3E-07 | 3.0E-06 | 5.8E-07 | 5.2E-07 | 2.4E-07 | 8.7E-11 | 2.1E-09 | 1.1E-09 | 9.9E-10 | 3.0E-10 | 4.6E-09 |
| 442 | 642080.09 | 4290562.63 | 642080.09 | 429C | 3.76965  | 3.76902  | 3.76965  | 3.93547  | 3.13E-05 | 5.01E-06 | 9.40E-05 | 6.31E-04 | 7.61E-04 | 2.6E-07 | 8.0E-07 | 4.6E-07 | 4.2E-07 | 1.9E-07 | 7.0E-11 | 1.7E-09 | 8.7E-10 | 7.8E-10 | 2.4E-10 | 3.6E-09 |
| 443 | 642120.09 | 4290562.63 | 642120.09 | 429C | 3.09804  | 3.09758  | 3.09804  | 3.21401  | 2.57E-05 | 4.12E-06 | 7.72E-05 | 5.15E-04 | 6.22E-04 | 2.2E-07 | 6.5E-07 | 3.8E-07 | 3.4E-07 | 1.6E-07 | 5.7E-11 | 1.4E-09 | 7.1E-10 | 6.4E-10 | 1.9E-10 | 3.0E-09 |
| 444 | 642160.09 | 4290562.63 | 642160.09 | 429C | 2.59683  | 2.59648  | 2.59683  | 2.68032  | 2.16E-05 | 3.45E-06 | 6.47E-05 | 4.30E-04 | 5.19E-04 | 1.8E-07 | 5.4E-07 | 3.1E-07 | 2.8E-07 | 1.3E-07 | 4.7E-11 | 1.1E-09 | 5.9E-10 | 5.4E-10 | 1.6E-10 | 2.5E-09 |
| 445 | 642200.09 | 4290562.63 | 642200.09 | 429C | 2.21467  | 2.21439  | 2.21467  | 2.27644  | 1.84E-05 | 2.94E-06 | 5.52E-05 | 3.65E-04 | 4.42E-04 | 1.5E-07 | 4.6E-07 | 2.7E-07 | 2.4E-07 | 1.1E-07 | 4.0E-11 | 9.8E-10 | 5.0E-10 | 4.6E-10 | 1.4E-10 | 2.1E-09 |
| 446 | 642240.09 | 4290562.63 | 642240.09 | 429C | 1.91365  | 1.91344  | 1.91365  | 1.96022  | 1.59E-05 | 2.54E-06 | 4.77E-05 | 3.14E-04 | 3.80E-04 | 1.3E-07 | 4.0E-07 | 2.3E-07 | 2.1E-07 | 9.5E-08 | 3.5E-11 | 8.4E-10 | 4.3E-10 | 3.9E-10 | 1.2E-10 | 1.8E-09 |
| 447 | 642280.09 | 4290562.63 | 642280.09 | 429C | 1.67272  | 1.67255  | 1.67272  | 1.70843  | 1.39E-05 | 2.22E-06 | 4.17E-05 | 2.74E-04 | 3.32E-04 | 1.1E-07 | 3.5E-07 | 2.0E-07 | 1.8E-07 | 8.3E-08 | 3.0E-11 | 7.3E-10 | 3.8E-10 | 3.4E-10 | 1.0E-10 | 1.6E-09 |
| 448 | 642320.09 | 4290562.63 | 642320.09 | 429C | 1.47666  | 1.47652  | 1.47666  | 1.50446  | 1.23E-05 | 1.96E-06 | 3.68E-05 | 2.41E-04 | 2.92E-04 | 1.0E-07 | 3.1E-07 | 1.8E-07 | 1.6E-07 | 7.3E-08 | 2.7E-11 | 6.5E-10 | 3.3E-10 | 3.0E-10 | 9.1E-11 | 1.4E-09 |
| 449 | 642360.09 | 4290562.63 | 642360.09 | 429C | 1.31477  | 1.31465  | 1.31477  | 1.3367   | 1.09E-05 | 1.75E-06 | 3.28E-05 | 2.14E-04 | 2.60E-04 | 9.0E-08 | 2.7E-07 | 1.6E-07 | 1.4E-07 | 6.5E-08 | 2.4E-11 | 5.7E-10 | 3.0E-10 | 2.7E-10 | 8.1E-11 | 1.2E-09 |
| 450 | 642400.09 | 4290562.63 | 642400.09 | 429C | 1.17942  | 1.17932  | 1.17942  | 1.19691  | 9.80E-06 | 1.57E-06 | 2.94E-05 | 1.92E-04 | 2.33E-04 | 8.1E-08 | 2.4E-07 | 1.4E-07 | 1.3E-07 | 5.8E-08 | 2.1E-11 | 5.1E-10 | 2.6E-10 | 2.4E-10 | 7.3E-11 | 1.1E-09 |
| 451 | 642440.09 | 4290562.63 | 642440.09 | 429C | 1.06499  | 1.06499  | 1.06499  | 1.07907  | 8.85E-06 | 1.42E-06 | 2.66E-05 | 1.73E-04 | 2.10E-04 | 7.3E-08 | 2.2E-07 | 1.3E-07 | 1.2E-07 | 5.3E-08 | 1.9E-11 | 4.6E-10 | 2.4E-10 | 2.2E-10 | 6.6E-11 | 1.0E-09 |
| 452 | 642480.09 | 4290562.63 | 642480.09 | 429C | 0.9674   | 0.96733  | 0.9674   | 0.97883  | 8.04E-06 | 1.29E-06 | 2.41E-05 | 1.57E-04 | 1.90E-04 | 6.6E-08 | 2.0E-07 | 1.2E-07 | 1.0E-07 | 4.8E-08 | 1.7E-11 | 4.2E-10 | 2.2E-10 | 2.0E-10 | 5.9E-11 | 9.1E-10 |
| 453 | 642520.09 | 4290562.63 | 642520.09 | 429C | 0.88339  | 0.88332  | 0.88339  | 0.89273  | 7.34E-06 | 1.17E-06 | 2.20E-05 | 1.43E-04 | 1.74E-04 | 6.0E-08 | 1.8E-07 | 1.1E-07 | 9.5E-08 | 4.3E-08 | 1.6E-11 | 3.8E-10 | 2.0E-10 | 1.8E-10 | 5.4E-11 | 8.3E-10 |
| 454 | 642560.09 | 4290562.63 | 642560.09 | 429C | 0.8104   | 0.81034  | 0.8104   | 0.81808  | 6.73E-06 | 1.08E-06 | 2.02E-05 | 1.31E-04 | 1.59E-04 | 5.5E-08 | 1.7E-07 | 9.6E-08 | 8.7E-08 | 4.0E-08 | 1.5E-11 | 3.5E-10 | 1.8E-10 | 1.6E-10 | 5.0E-11 | 7.6E-10 |
| 455 | 642600.09 | 4290562.63 | 642600.09 | 429C | 0.74647  | 0.74642  | 0.74647  | 0.75283  | 6.20E-06 | 9.93E-07 | 1.86E-05 | 1.21E-04 | 1.46E-04 | 5.1E-08 | 1.5E-07 | 8.9E-08 | 8.0E-08 | 3.7E-08 | 1.3E-11 | 3.2E-10 | 1.7E-10 | 1.5E-10 | 4.6E-11 | 7.0E-10 |
| 456 | 641920.09 | 4290602.63 | 641920.09 | 429C | 11.12075 | 11.11734 | 11.12075 | 12.3343  | 9.24E-05 | 1.48E-05 | 2.77E-04 | 1.98E-03 | 2.36E-03 | 8.2E-07 | 2.5E-06 | 1.4E-06 | 1.3E-06 | 5.9E-07 | 2.2E-10 | 5.2E-09 | 2.7E-09 | 2.4E-09 | 7.4E-10 | 1.1E-08 |
| 457 | 641960.09 | 4290602.63 | 641960.09 | 429C | 7.86737  | 7.86539  | 7.86737  | 8.55732  | 6.54E-05 | 1.05E-05 | 1.96E-04 | 1.37E-03 | 1.64E-03 | 5.7E-07 | 1.7E-06 | 9.9E-07 | 9.0E-07 | 4.1E-07 | 1.5E-10 | 3.6E-09 | 1.9E-09 | 1.7E-09 | 5.1E-10 | 7.9E-09 |
| 458 | 642000.09 | 4290602.63 | 642000.09 | 429C | 5.88957  | 5.88831  | 5.88957  | 6.31709  | 4.89E-05 | 7.83E-06 | 1.47E-04 | 1.01E-03 | 1.22E-03 | 3.3E-07 | 9.8E-07 | 5.7E-07 | 5.2E-07 | 2.4E-07 | 8.6E-11 | 2.1E-09 | 1.1E-09 | 9.7E-10 | 2.9E-10 | 4.5E-09 |
|     |           |            |           |      |          |          |          |          |          |          |          |          |          |         |         |         |         |         |         |         |         |         |         |         |



|     |           |            |           |      |         |         |         |         |          |          |          |          |          |         |         |         |         |         |         |         |         |         |         |         |
|-----|-----------|------------|-----------|------|---------|---------|---------|---------|----------|----------|----------|----------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 526 | 642560.09 | 4290722.63 | 642560.09 | 429C | 0.79327 | 0.79322 | 0.79327 | 0.80937 | 6.59E-06 | 1.05E-06 | 1.98E-05 | 1.30E-04 | 1.57E-04 | 5.4E-08 | 1.6E-07 | 9.5E-08 | 8.6E-08 | 3.9E-08 | 1.4E-11 | 3.5E-10 | 1.8E-10 | 1.6E-10 | 4.9E-11 | 7.5E-10 |
| 527 | 642600.09 | 4290722.63 | 642600.09 | 429C | 0.73213 | 0.73208 | 0.73213 | 0.74635 | 6.08E-06 | 9.73E-07 | 1.83E-05 | 1.20E-04 | 1.45E-04 | 5.0E-08 | 1.5E-07 | 8.8E-08 | 8.0E-08 | 3.6E-08 | 1.3E-11 | 3.2E-10 | 1.6E-10 | 1.5E-10 | 4.5E-11 | 6.9E-10 |
| 528 | 641920.09 | 4290762.63 | 641920.09 | 429C | 7.94488 | 7.94316 | 7.94488 | 7.81866 | 6.60E-05 | 1.06E-05 | 1.98E-04 | 1.25E-03 | 1.53E-03 | 5.3E-07 | 1.6E-06 | 9.2E-07 | 8.4E-07 | 3.8E-07 | 1.4E-10 | 3.4E-09 | 1.7E-09 | 1.6E-09 | 4.8E-10 | 7.3E-09 |
| 529 | 641960.09 | 4290762.63 | 641960.09 | 429C | 6.06155 | 6.06155 | 6.06155 | 5.98912 | 5.04E-05 | 8.06E-06 | 1.51E-04 | 9.60E-04 | 1.17E-03 | 4.0E-07 | 1.2E-06 | 7.1E-07 | 6.4E-07 | 2.9E-07 | 1.1E-10 | 2.6E-09 | 1.3E-09 | 1.2E-09 | 3.7E-10 | 5.6E-09 |
| 530 | 642000.09 | 4290762.63 | 642000.09 | 429C | 4.78742 | 4.78663 | 4.78742 | 4.74412 | 3.98E-05 | 6.36E-06 | 1.19E-04 | 7.61E-04 | 9.26E-04 | 3.2E-07 | 9.7E-07 | 5.6E-07 | 5.1E-07 | 2.3E-07 | 8.5E-11 | 2.0E-09 | 1.1E-09 | 9.5E-10 | 2.9E-10 | 4.4E-09 |
| 531 | 642040.09 | 4290762.63 | 642040.09 | 429C | 3.88443 | 3.88443 | 3.88443 | 3.86148 | 3.23E-05 | 5.16E-06 | 9.68E-05 | 6.19E-04 | 7.53E-04 | 2.6E-07 | 7.9E-07 | 4.6E-07 | 4.1E-07 | 1.9E-07 | 6.9E-11 | 1.7E-09 | 8.6E-10 | 7.8E-10 | 2.4E-10 | 3.6E-09 |
| 532 | 642080.09 | 4290762.63 | 642080.09 | 429C | 3.21889 | 3.21886 | 3.21889 | 3.21319 | 2.68E-05 | 4.28E-06 | 8.03E-05 | 5.15E-04 | 6.26E-04 | 2.2E-07 | 6.5E-07 | 3.8E-07 | 3.4E-07 | 1.6E-07 | 5.7E-11 | 1.4E-09 | 7.1E-10 | 6.5E-10 | 2.0E-10 | 3.0E-09 |
| 533 | 642120.09 | 4290762.63 | 642120.09 | 429C | 2.71406 | 2.71406 | 2.71406 | 2.72176 | 2.26E-05 | 3.61E-06 | 6.77E-05 | 4.36E-04 | 5.30E-04 | 1.8E-07 | 5.5E-07 | 3.2E-07 | 2.9E-07 | 1.3E-07 | 4.8E-11 | 1.2E-09 | 6.0E-10 | 5.5E-10 | 1.7E-10 | 2.5E-09 |
| 534 | 642160.09 | 4290762.63 | 642160.09 | 429C | 2.32292 | 2.32266 | 2.32292 | 2.33959 | 1.93E-05 | 3.09E-06 | 5.79E-05 | 3.75E-04 | 4.55E-04 | 1.6E-07 | 4.8E-07 | 2.8E-07 | 2.5E-07 | 1.1E-07 | 4.2E-11 | 1.0E-09 | 5.2E-10 | 4.7E-10 | 1.4E-10 | 2.2E-09 |
| 535 | 642200.09 | 4290762.63 | 642200.09 | 429C | 2.01323 | 2.01301 | 2.01323 | 2.03498 | 1.67E-05 | 2.68E-06 | 5.02E-05 | 3.26E-04 | 3.96E-04 | 1.4E-07 | 4.1E-07 | 2.4E-07 | 2.2E-07 | 9.9E-08 | 3.6E-11 | 8.7E-10 | 4.5E-10 | 4.1E-10 | 1.2E-10 | 1.9E-09 |
| 536 | 642240.09 | 4290762.63 | 642240.09 | 429C | 1.76256 | 1.76238 | 1.76256 | 1.78659 | 1.46E-05 | 2.34E-06 | 4.39E-05 | 2.86E-04 | 3.47E-04 | 1.2E-07 | 3.6E-07 | 2.1E-07 | 1.9E-07 | 8.7E-08 | 3.2E-11 | 7.7E-10 | 3.9E-10 | 3.6E-10 | 1.1E-10 | 1.7E-09 |
| 537 | 642280.09 | 4290762.63 | 642280.09 | 429C | 1.55746 | 1.55732 | 1.55746 | 1.58192 | 1.29E-05 | 2.07E-06 | 3.88E-05 | 2.54E-04 | 3.07E-04 | 1.1E-07 | 3.2E-07 | 1.9E-07 | 1.7E-07 | 7.7E-08 | 2.8E-11 | 6.8E-10 | 3.5E-10 | 3.2E-10 | 9.6E-11 | 1.5E-09 |
| 538 | 642320.09 | 4290762.63 | 642320.09 | 429C | 1.38747 | 1.38734 | 1.38747 | 1.41125 | 1.15E-05 | 1.84E-06 | 3.46E-05 | 2.26E-04 | 2.74E-04 | 9.5E-08 | 2.9E-07 | 1.7E-07 | 1.5E-07 | 6.9E-08 | 2.5E-11 | 6.1E-10 | 3.1E-10 | 2.8E-10 | 8.6E-11 | 1.3E-09 |
| 539 | 642360.09 | 4290762.63 | 642360.09 | 429C | 1.24484 | 1.24474 | 1.24484 | 1.26736 | 1.03E-05 | 1.66E-06 | 3.10E-05 | 2.03E-04 | 2.46E-04 | 8.5E-08 | 2.6E-07 | 1.5E-07 | 1.4E-07 | 6.2E-08 | 2.3E-11 | 5.4E-10 | 2.8E-10 | 2.5E-10 | 7.7E-11 | 1.2E-09 |
| 540 | 642400.09 | 4290762.63 | 642400.09 | 429C | 1.12396 | 1.12387 | 1.12396 | 1.14492 | 9.34E-06 | 1.49E-06 | 2.80E-05 | 1.84E-04 | 2.22E-04 | 7.7E-08 | 2.3E-07 | 1.3E-07 | 1.2E-07 | 5.6E-08 | 2.0E-11 | 4.9E-10 | 2.5E-10 | 2.3E-10 | 6.9E-11 | 1.1E-09 |
| 541 | 642440.09 | 4290762.63 | 642440.09 | 429C | 1.02055 | 1.02048 | 1.02055 | 1.03986 | 8.48E-06 | 1.36E-06 | 2.54E-05 | 1.67E-04 | 2.02E-04 | 7.0E-08 | 2.1E-07 | 1.2E-07 | 1.1E-07 | 5.1E-08 | 1.8E-11 | 4.5E-10 | 2.3E-10 | 2.1E-10 | 6.3E-11 | 9.7E-10 |
| 542 | 642480.09 | 4290762.63 | 642480.09 | 429C | 0.93134 | 0.93128 | 0.93134 | 0.949   | 7.74E-06 | 1.24E-06 | 2.32E-05 | 1.52E-04 | 1.84E-04 | 6.4E-08 | 1.9E-07 | 1.1E-07 | 1.0E-07 | 4.6E-08 | 1.7E-11 | 4.1E-10 | 2.1E-10 | 1.9E-10 | 5.8E-11 | 8.8E-10 |
| 543 | 642520.09 | 4290762.63 | 642520.09 | 429C | 0.85386 | 0.8538  | 0.85386 | 0.86993 | 7.10E-06 | 1.14E-06 | 2.13E-05 | 1.39E-04 | 1.69E-04 | 5.8E-08 | 1.8E-07 | 1.0E-07 | 9.3E-08 | 4.2E-08 | 1.5E-11 | 3.7E-10 | 1.9E-10 | 1.7E-10 | 5.3E-11 | 8.1E-10 |
| 544 | 642560.09 | 4290762.63 | 642560.09 | 429C | 0.78606 | 0.78601 | 0.78606 | 0.80064 | 6.53E-06 | 1.05E-06 | 1.96E-05 | 1.28E-04 | 1.56E-04 | 5.4E-08 | 1.6E-07 | 9.4E-08 | 8.5E-08 | 3.9E-08 | 1.4E-11 | 3.4E-10 | 1.8E-10 | 1.6E-10 | 4.9E-11 | 7.4E-10 |
| 545 | 642600.09 | 4290762.63 | 642600.09 | 429C | 0.72628 | 0.72624 | 0.72628 | 0.73949 | 6.04E-06 | 9.66E-07 | 1.81E-05 | 1.19E-04 | 1.44E-04 | 5.0E-08 | 1.5E-07 | 8.7E-08 | 7.9E-08 | 3.6E-08 | 1.3E-11 | 3.2E-10 | 1.6E-10 | 1.5E-10 | 4.5E-11 | 6.9E-10 |
| 546 | 641920.09 | 4290802.63 | 641920.09 | 429C | 7.09017 | 7.08876 | 7.09017 | 6.93636 | 5.89E-05 | 9.43E-06 | 1.77E-04 | 1.11E-03 | 1.36E-03 | 4.7E-07 | 1.4E-06 | 8.2E-07 | 7.4E-07 | 3.4E-07 | 1.2E-10 | 3.0E-09 | 1.5E-09 | 1.4E-09 | 4.2E-10 | 6.5E-09 |
| 547 | 641960.09 | 4290802.63 | 641960.09 | 429C | 5.5066  | 5.50654 | 5.5066  | 5.41597 | 4.58E-05 | 7.32E-06 | 1.37E-04 | 8.68E-04 | 1.06E-03 | 3.7E-07 | 1.1E-06 | 6.4E-07 | 5.8E-07 | 2.6E-07 | 9.7E-11 | 2.3E-09 | 1.2E-09 | 1.1E-09 | 3.3E-10 | 5.1E-09 |
| 548 | 642000.09 | 4290802.63 | 642000.09 | 429C | 4.40993 | 4.40993 | 4.40993 | 4.35179 | 3.86E-05 | 5.86E-06 | 1.10E-04 | 6.98E-04 | 8.50E-04 | 2.9E-07 | 8.9E-07 | 5.1E-07 | 4.7E-07 | 2.1E-07 | 7.8E-11 | 1.9E-09 | 9.7E-10 | 8.8E-10 | 2.7E-10 | 4.1E-09 |
| 549 | 642040.09 | 4290802.63 | 642040.09 | 429C | 3.61842 | 3.61791 | 3.61842 | 3.57734 | 3.01E-05 | 4.81E-06 | 9.02E-05 | 5.73E-04 | 6.99E-04 | 2.4E-07 | 7.3E-07 | 4.2E-07 | 3.8E-07 | 1.7E-07 | 6.4E-11 | 1.5E-09 | 7.9E-10 | 7.2E-10 | 2.2E-10 | 3.3E-09 |
| 550 | 642080.09 | 4290802.63 | 642080.09 | 429C | 3.02805 | 3.02766 | 3.02805 | 2.99851 | 2.52E-05 | 4.03E-06 | 7.55E-05 | 4.81E-04 | 5.85E-04 | 2.0E-07 | 6.1E-07 | 3.5E-07 | 3.2E-07 | 1.5E-07 | 5.4E-11 | 1.3E-09 | 6.7E-10 | 6.0E-10 | 1.8E-10 | 2.8E-09 |
| 551 | 642120.09 | 4290802.63 | 642120.09 | 429C | 2.5748  | 2.5745  | 2.5748  | 2.55561 | 2.14E-05 | 3.42E-06 | 6.42E-05 | 4.10E-04 | 4.99E-04 | 1.7E-07 | 5.2E-07 | 3.0E-07 | 2.7E-07 | 1.2E-07 | 4.6E-11 | 1.1E-09 | 5.7E-10 | 5.1E-10 | 1.6E-10 | 2.4E-09 |
| 552 | 642160.09 | 4290802.63 | 642160.09 | 429C | 2.21972 | 2.21948 | 2.21972 | 2.21014 | 1.84E-05 | 2.95E-06 | 5.53E-05 | 3.54E-04 | 4.31E-04 | 1.5E-07 | 4.5E-07 | 2.6E-07 | 2.4E-07 | 1.1E-07 | 3.9E-11 | 9.5E-10 | 4.9E-10 | 4.4E-10 | 1.3E-10 | 2.1E-09 |
| 553 | 642200.09 | 4290802.63 | 642200.09 | 429C | 1.93533 | 1.93513 | 1.93533 | 1.93382 | 1.61E-05 | 2.57E-06 | 4.83E-05 | 3.10E-04 | 3.77E-04 | 1.3E-07 | 3.9E-07 | 2.3E-07 | 2.1E-07 | 9.4E-08 | 3.4E-11 | 8.3E-10 | 4.3E-10 | 3.9E-10 | 1.2E-10 | 1.8E-09 |
| 554 | 642240.09 | 4290802.63 | 642240.09 | 429C | 1.70315 | 1.70299 | 1.70315 | 1.70775 | 1.2E-05  | 2.26E-06 | 4.25E-05 | 2.74E-04 | 3.33E-04 | 1.2E-07 | 3.5E-07 | 2.0E-07 | 1.8E-07 | 8.3E-08 | 3.0E-11 | 7.3E-10 | 3.8E-10 | 3.4E-10 | 1.0E-10 | 1.6E-09 |
| 555 | 642280.09 | 4290802.63 | 642280.09 | 429C | 1.51159 | 1.51146 | 1.51159 | 1.52037 | 1.26E-05 | 2.01E-06 | 3.77E-05 | 2.44E-04 | 2.96E-04 | 1.0E-07 | 3.1E-07 | 1.8E-07 | 1.6E-07 | 7.4E-08 | 2.7E-11 | 6.5E-10 | 3.4E-10 | 3.1E-10 | 9.2E-11 | 1.4E-09 |
| 556 | 642320.09 | 4290802.63 | 642320.09 | 429C | 1.35165 | 1.35153 | 1.35165 | 1.36304 | 1.12E-05 | 1.80E-06 | 3.37E-05 | 2.19E-04 | 2.65E-04 | 9.2E-08 | 2.8E-07 | 1.6E-07 | 1.5E-07 | 6.6E-08 | 2.4E-11 | 5.9E-10 | 3.0E-10 | 2.7E-10 | 8.3E-11 | 1.3E-09 |
| 557 | 642360.09 | 4290802.63 | 642360.09 | 429C | 1.21658 | 1.21649 | 1.21658 | 1.22941 | 1.01E-05 | 1.62E-06 | 3.03E-05 | 1.97E-04 | 2.39E-04 | 8.3E-08 | 2.5E-07 | 1.4E-07 | 1.3E-07 | 6.0E-08 | 2.2E-11 | 5.3E-10 | 2.7E-10 | 2.5E-10 | 7.5E-11 | 1.1E-09 |
| 558 | 642400.09 | 4290802.63 | 642400.09 | 429C | 1.10147 | 1.10138 | 1.10147 | 1.11488 | 9.15E-06 | 1.46E-06 | 2.75E-05 | 1.79E-04 | 2.17E-04 | 7.5E-08 | 2.3E-07 | 1.3E-07 | 1.2E-07 | 5.4E-08 | 2.0E-11 | 4.8E-10 | 2.5E-10 | 2.2E-10 | 6.8E-11 | 1.0E-09 |
| 559 | 642440.09 | 4290802.63 | 642440.09 | 429C | 1.00249 | 1.00242 | 1.00249 | 1.01593 | 8.33E-06 | 1.33E-06 | 2.50E-05 | 1.63E-04 | 1.98E-04 | 6.8E-08 | 2.1E-07 | 1.2E-07 | 1.1E-07 | 4.9E-08 | 1.8E-11 | 4.4E-10 | 2.2E-10 | 2.0E-10 | 6.2E-11 | 9.4E-10 |
| 560 | 642480.09 | 4290802.63 | 642480.09 | 429C | 0.91676 | 0.91676 | 0.91676 | 0.92986 | 7.62E-06 | 1.22E-06 | 2.29E-05 | 1.49E-04 | 1.81E-04 | 6.3E-08 | 1.9E-07 | 1.1E-07 | 9.9E-08 | 4.5E-08 | 1.7E-11 | 4.0E-10 | 2.1E-10 | 1.9E-10 | 5.6E-11 | 8.6E-10 |
| 561 | 642520.09 | 4290802.63 | 642520.09 | 429C | 0.84199 | 0.84193 | 0.84199 | 0.85453 | 7.00E-06 | 1.12E-06 | 2.10E-05 | 1.37E-04 | 1.66E-04 | 5.7E-08 | 1.7E-07 | 1.0E-07 | 9.1E-08 | 4.2E-08 | 1.5E-11 | 3.7E-10 | 1.9E-10 | 1.7E-10 | 5.2E-11 | 7.9E-10 |
| 562 | 642560.09 | 4290802.63 | 642560.09 | 429C | 0.77633 | 0.77633 | 0.77633 | 0.7882  | 6.45E-06 | 1.03E-06 | 1.94E-05 | 1.26E-04 | 1.53E-04 | 5.3E-08 | 1.6E-07 | 9.3E-08 | 8.4E-08 | 3.8E-08 | 1.4E-11 | 3.4E-10 | 1.7E-10 | 1.6E-10 | 4.8E-11 | 7.3E-10 |
| 563 | 642600.09 | 4290802.63 | 642600.09 | 429C | 0.71828 | 0.71828 | 0.71828 | 0.72942 | 5.97E-06 | 9.55E-07 | 1.79E-05 | 1.17E-04 | 1.42E-04 | 4.9E-08 | 1.5E-07 | 8.6E-08 | 7.8E-08 | 3.5E-08 | 1.3E-11 | 3.1E-10 | 1.6E-10 | 1.5E-10 | 4.4E-11 | 6.8E-10 |
| 564 | 641920.09 | 4290842.63 | 641920.09 | 429C | 6.3532  | 6.35203 | 6.3532  | 6.18313 | 5.28E-05 | 8.45E-06 | 1.58E-04 | 9.91E-04 | 1.21E-03 | 4.2E-07 | 1.3E-06 | 7.3E-07 | 6.6E-07 | 3.0E-07 | 1.1E-10 | 2.7E-09 | 1.4E-09 | 1.2E-09 | 3.8E-10 | 5.8E-09 |
| 565 | 641960.09 | 4290842.63 | 641960.09 | 429C | 5.01605 | 5.01523 | 5.01605 | 4.91377 | 4.17E-05 | 6.67E-06 | 1.25E-04 | 7.88E-04 | 9.61E-04 | 2.7E-07 | 8.2E-07 | 4.7E-07 | 4.3E-07 | 2.0E-07 | 7.1E-11 | 1.7E-09 | 8.9E-10 | 8.1E-10 | 2.4E-10 | 3.7E-09 |
| 566 |           |            |           |      |         |         |         |         |          |          |          |          |          |         |         |         |         |         |         |         |         |         |         |         |



[illegible]



Residential DOSE<sub>air</sub> = (C<sub>air</sub>\*(BR/BW)\*A\*EF\*10<sup>-6</sup>)

|                  |         |                                                                                      |
|------------------|---------|--------------------------------------------------------------------------------------|
| A                | 1       | Inhalation absorption factor <sup>1</sup>                                            |
| EF               | 0.96    | Exposure frequency (350/year) <sup>2</sup>                                           |
| 10 <sup>-6</sup> | 1.0E-06 | Micrograms to milligrams conversions, liters to cubic meters conversion <sup>3</sup> |

Residential Risk = DOSE<sub>air</sub> \* CPF \* ASF \* ED/AT \* FAH

|     |        |                                                     |
|-----|--------|-----------------------------------------------------|
| CPF | 0.0087 | Cancer Potency Factor for Ethylbenzene <sup>4</sup> |
| AT  | 70     | Averaging Time <sup>5</sup>                         |

| Age   | BR/BW | ASF | FAH  | ED (Ops) |
|-------|-------|-----|------|----------|
| 3rd   | 361   | 10  | 0.85 | 0.25     |
| 0<2   | 1090  | 10  | 0.85 | 2        |
| 2<9   | 631   | 3   | 0.72 | 7        |
| 9<16  | 572   | 3   | 0.72 | 7        |
| 16<30 | 261   | 1   | 0.73 | 13.75    |

- Notes:
- 1 Inhalation Absorption Factor, OEHHA 2015, p 5-24
  - 2 Exposure Frequency (days/year), OEHHA 2015, p 5-24, 350/365 days in a year for a resident, and OEHHA 2015, p 5-28, 250/365 days, 5 days/week, 50 weeks/year
  - 3 µg to mg conversions, liters to cubic meters conversion, OEHHA 2015, Equation 5.4.1.1, page 5-24
  - 4 Cancer Potency Factor for Benzene, OEHHA 2015, Table 7.1, page 7-4
  - 5 Averaging Time, OEHHA 2015, Equation 8.2.4 A, page 8-7
  - 6 Daily Breathing Rate normalized to Body Weight, OEHHA 2015, Table S.7, page 5-25 (95 %ile for 3rd-2yrs, 80th for other age groups)
  - 7 Age Sensitivity Factor, OEHHA 2015, Table 8.3, page 8-5
  - 8 Exposure Duration, OEHHA 2015, Equation 8.2.4 A, page 8-7
  - 9 Fraction of Time at Home, OEHHA 2015, Table 8.4, page 8-5
  - 10 Worker Adjustment Factor, OEHHA 2015, Equation 5.4.1.2 B, page 5-29



Operational Risk - Fueling (Naphthalene)

|                      |           |            |           |      |         | Emissions Rate (g/s):             |         | Loading     |          | Breathing                    |          | Fueling + Hose<br>Permeation |          | Spillage         |         |         |         |         |         |                   |         |         |         |         |  |  |  |     |  |  |  |  |  |      |  |  |  |  |  |       |  |  |  |  |  |            |  |  |  |  |  |
|----------------------|-----------|------------|-----------|------|---------|-----------------------------------|---------|-------------|----------|------------------------------|----------|------------------------------|----------|------------------|---------|---------|---------|---------|---------|-------------------|---------|---------|---------|---------|--|--|--|-----|--|--|--|--|--|------|--|--|--|--|--|-------|--|--|--|--|--|------------|--|--|--|--|--|
| Discrete Receptor ID |           |            |           |      |         | Concentration<br>[µg/m³] at 1 g/s |         | Unmitigated |          |                              |          |                              |          | Residential Dose |         |         |         |         |         | Risk by Age Group |         |         |         |         |  |  |  |     |  |  |  |  |  |      |  |  |  |  |  |       |  |  |  |  |  |            |  |  |  |  |  |
| X                    |           | Y          |           | X, Y |         | Loading                           |         | Breathing   |          | Fueling + Hose<br>Permeation |          | Spillage                     |          | Total            |         | 3rd     |         |         |         |                   |         | 0<2     |         |         |  |  |  | 2<9 |  |  |  |  |  | 9<16 |  |  |  |  |  | 16<30 |  |  |  |  |  | Total Risk |  |  |  |  |  |
| 1                    | 641284.31 | 4290506.68 | 641284.31 | 429C | 2.28914 | 2.2894                            | 2.28914 | 2.24887     | 7.91E-08 | 1.27E-08                     | 2.37E-07 | 4.86E-05                     | 4.90E-05 | 1.7E-08          | 5.1E-08 | 3.0E-08 | 2.7E-08 | 1.2E-08 | 6.2E-11 | 1.5E-09           | 7.7E-10 | 7.0E-10 | 2.1E-10 | 3.2E-09 |  |  |  |     |  |  |  |  |  |      |  |  |  |  |  |       |  |  |  |  |  |            |  |  |  |  |  |
| 2                    | 641324.31 | 4290506.68 | 641324.31 | 429C | 2.67219 | 2.67251                           | 2.67219 | 2.62615     | 9.24E-08 | 1.48E-08                     | 2.77E-07 | 5.68E-05                     | 5.72E-05 | 2.0E-08          | 6.0E-08 | 3.5E-08 | 3.1E-08 | 1.4E-08 | 7.2E-11 | 1.7E-09           | 9.0E-10 | 8.1E-10 | 2.5E-10 | 3.8E-09 |  |  |  |     |  |  |  |  |  |      |  |  |  |  |  |       |  |  |  |  |  |            |  |  |  |  |  |
| 3                    | 641364.31 | 4290506.68 | 641364.31 | 429C | 3.16658 | 3.167                             | 3.16658 | 3.11376     | 1.09E-07 | 1.75E-08                     | 3.28E-07 | 6.73E-05                     | 6.78E-05 | 2.3E-08          | 7.1E-08 | 4.1E-08 | 3.7E-08 | 1.7E-08 | 8.5E-11 | 2.1E-09           | 1.1E-09 | 9.6E-10 | 2.9E-10 | 4.5E-09 |  |  |  |     |  |  |  |  |  |      |  |  |  |  |  |       |  |  |  |  |  |            |  |  |  |  |  |
| 4                    | 641404.31 | 4290506.68 | 641404.31 | 429C | 3.81615 | 3.81671                           | 3.75744 | 3.13764     | 1.32E-07 | 2.11E-08                     | 3.96E-07 | 8.12E-05                     | 8.18E-05 | 2.8E-08          | 8.5E-08 | 4.9E-08 | 4.5E-08 | 2.0E-08 | 1.0E-10 | 2.5E-09           | 1.3E-09 | 1.2E-09 | 3.5E-10 | 5.4E-09 |  |  |  |     |  |  |  |  |  |      |  |  |  |  |  |       |  |  |  |  |  |            |  |  |  |  |  |
| 5                    | 641284.31 | 4290546.68 | 641284.31 | 429C | 2.37419 | 2.37447                           | 2.37419 | 2.30269     | 8.21E-08 | 1.31E-08                     | 2.46E-07 | 4.98E-05                     | 5.01E-05 | 1.7E-08          | 5.2E-08 | 3.0E-08 | 2.7E-08 | 1.3E-08 | 6.3E-11 | 1.5E-09           | 7.9E-10 | 7.1E-10 | 2.2E-10 | 3.3E-09 |  |  |  |     |  |  |  |  |  |      |  |  |  |  |  |       |  |  |  |  |  |            |  |  |  |  |  |
| 6                    | 641324.31 | 4290546.68 | 641324.31 | 429C | 2.78725 | 2.78725                           | 2.6998  | 2.6998      | 9.63E-08 | 1.54E-08                     | 2.89E-07 | 5.84E-05                     | 5.88E-05 | 2.0E-08          | 6.1E-08 | 3.6E-08 | 3.2E-08 | 1.5E-08 | 7.4E-11 | 1.8E-09           | 9.2E-10 | 8.4E-10 | 2.5E-10 | 3.9E-09 |  |  |  |     |  |  |  |  |  |      |  |  |  |  |  |       |  |  |  |  |  |            |  |  |  |  |  |
| 7                    | 641364.31 | 4290546.68 | 641364.31 | 429C | 3.33085 | 3.33132                           | 3.33085 | 3.22046     | 1.15E-07 | 1.84E-08                     | 3.45E-07 | 6.96E-05                     | 7.01E-05 | 2.4E-08          | 7.3E-08 | 4.2E-08 | 3.8E-08 | 1.8E-08 | 8.8E-11 | 2.1E-09           | 1.1E-09 | 1.0E-09 | 3.0E-10 | 4.6E-09 |  |  |  |     |  |  |  |  |  |      |  |  |  |  |  |       |  |  |  |  |  |            |  |  |  |  |  |
| 8                    | 641404.31 | 4290546.68 | 641404.31 | 429C | 4.0608  | 4.06145                           | 4.0608  | 3.9179      | 1.40E-07 | 2.25E-08                     | 4.21E-07 | 8.47E-05                     | 8.53E-05 | 3.0E-08          | 8.9E-08 | 5.2E-08 | 4.7E-08 | 2.1E-08 | 1.1E-10 | 2.6E-09           | 1.3E-09 | 1.2E-09 | 3.7E-10 | 5.6E-09 |  |  |  |     |  |  |  |  |  |      |  |  |  |  |  |       |  |  |  |  |  |            |  |  |  |  |  |
| 9                    | 641284.31 | 4290586.68 | 641284.31 | 429C | 2.44038 | 2.44068                           | 2.44038 | 2.33928     | 8.43E-08 | 1.35E-08                     | 2.53E-07 | 5.06E-05                     | 5.09E-05 | 1.8E-08          | 5.3E-08 | 3.1E-08 | 2.8E-08 | 1.3E-08 | 6.4E-11 | 1.6E-09           | 8.0E-10 | 7.2E-10 | 2.2E-10 | 3.4E-09 |  |  |  |     |  |  |  |  |  |      |  |  |  |  |  |       |  |  |  |  |  |            |  |  |  |  |  |
| 10                   | 641324.31 | 4290586.68 | 641324.31 | 429C | 2.87714 | 2.87753                           | 2.74864 | 2.74864     | 9.94E-08 | 1.59E-08                     | 2.98E-07 | 5.94E-05                     | 5.98E-05 | 2.1E-08          | 6.3E-08 | 3.6E-08 | 3.3E-08 | 1.5E-08 | 7.5E-11 | 1.8E-09           | 9.4E-10 | 8.5E-10 | 2.6E-10 | 3.9E-09 |  |  |  |     |  |  |  |  |  |      |  |  |  |  |  |       |  |  |  |  |  |            |  |  |  |  |  |
| 11                   | 641364.31 | 4290586.68 | 641364.31 | 429C | 3.4544  | 3.45492                           | 3.4544  | 3.28594     | 1.19E-07 | 1.91E-08                     | 3.58E-07 | 7.11E-05                     | 7.15E-05 | 2.5E-08          | 7.5E-08 | 4.3E-08 | 3.9E-08 | 1.8E-08 | 9.0E-11 | 2.2E-09           | 1.1E-09 | 1.0E-09 | 3.1E-10 | 4.7E-09 |  |  |  |     |  |  |  |  |  |      |  |  |  |  |  |       |  |  |  |  |  |            |  |  |  |  |  |
| 12                   | 641404.31 | 4290586.68 | 641404.31 | 429C | 4.23507 | 4.23579                           | 4.23507 | 4.00821     | 1.46E-07 | 2.34E-08                     | 4.39E-07 | 8.73E-05                     | 8.73E-05 | 3.0E-08          | 9.1E-08 | 5.3E-08 | 4.8E-08 | 2.2E-08 | 1.1E-10 | 2.7E-09           | 1.4E-09 | 1.2E-09 | 3.8E-10 | 5.8E-09 |  |  |  |     |  |  |  |  |  |      |  |  |  |  |  |       |  |  |  |  |  |            |  |  |  |  |  |
| 13                   | 641284.31 | 4290626.68 | 641284.31 | 429C | 2.49133 | 2.49164                           | 2.49133 | 2.36987     | 8.61E-08 | 1.38E-08                     | 2.58E-07 | 5.12E-05                     | 5.16E-05 | 1.8E-08          | 5.4E-08 | 3.1E-08 | 2.8E-08 | 1.3E-08 | 6.5E-11 | 1.6E-09           | 8.1E-10 | 7.3E-10 | 2.2E-10 | 3.4E-09 |  |  |  |     |  |  |  |  |  |      |  |  |  |  |  |       |  |  |  |  |  |            |  |  |  |  |  |
| 14                   | 641324.31 | 4290626.68 | 641324.31 | 429C | 2.9374  | 2.9374                            | 2.9374  | 2.78263     | 1.02E-07 | 1.62E-08                     | 3.05E-07 | 6.02E-05                     | 6.06E-05 | 2.1E-08          | 6.3E-08 | 3.7E-08 | 3.3E-08 | 1.5E-08 | 7.6E-11 | 1.8E-09           | 9.5E-10 | 8.6E-10 | 2.6E-10 | 4.0E-09 |  |  |  |     |  |  |  |  |  |      |  |  |  |  |  |       |  |  |  |  |  |            |  |  |  |  |  |
| 15                   | 641364.31 | 4290626.68 | 641364.31 | 429C | 3.53272 | 3.53327                           | 3.53272 | 3.32778     | 1.22E-07 | 1.95E-08                     | 3.66E-07 | 7.20E-05                     | 7.25E-05 | 2.5E-08          | 7.6E-08 | 4.4E-08 | 4.0E-08 | 1.8E-08 | 9.1E-11 | 2.2E-09           | 1.1E-09 | 1.0E-09 | 3.1E-10 | 4.8E-09 |  |  |  |     |  |  |  |  |  |      |  |  |  |  |  |       |  |  |  |  |  |            |  |  |  |  |  |
| 16                   | 641404.31 | 4290626.68 | 641404.31 | 429C | 4.33498 | 4.33574                           | 4.33498 | 4.05774     | 1.50E-07 | 2.40E-08                     | 4.49E-07 | 8.77E-05                     | 8.84E-05 | 3.1E-08          | 9.2E-08 | 5.3E-08 | 4.8E-08 | 2.2E-08 | 1.1E-10 | 2.7E-09           | 1.4E-09 | 1.3E-09 | 3.8E-10 | 5.8E-09 |  |  |  |     |  |  |  |  |  |      |  |  |  |  |  |       |  |  |  |  |  |            |  |  |  |  |  |
| 17                   | 641284.31 | 4290666.68 | 641284.31 | 429C | 2.5318  | 2.53213                           | 2.5318  | 2.35956     | 8.75E-08 | 1.40E-08                     | 2.63E-07 | 5.18E-05                     | 5.22E-05 | 1.8E-08          | 5.5E-08 | 3.2E-08 | 2.9E-08 | 1.3E-08 | 6.6E-11 | 1.6E-09           | 8.2E-10 | 7.4E-10 | 2.2E-10 | 3.4E-09 |  |  |  |     |  |  |  |  |  |      |  |  |  |  |  |       |  |  |  |  |  |            |  |  |  |  |  |
| 18                   | 641324.31 | 4290666.68 | 641324.31 | 429C | 2.98996 | 2.99039                           | 2.98996 | 2.81501     | 1.03E-07 | 1.65E-08                     | 3.10E-07 | 6.09E-05                     | 6.13E-05 | 2.1E-08          | 6.4E-08 | 3.7E-08 | 3.4E-08 | 1.5E-08 | 7.7E-11 | 1.9E-09           | 9.6E-10 | 8.7E-10 | 2.6E-10 | 4.0E-09 |  |  |  |     |  |  |  |  |  |      |  |  |  |  |  |       |  |  |  |  |  |            |  |  |  |  |  |
| 19                   | 641364.31 | 4290666.68 | 641364.31 | 429C | 3.60758 | 3.60815                           | 3.60758 | 3.37189     | 1.25E-07 | 2.00E-08                     | 3.74E-07 | 7.29E-05                     | 7.34E-05 | 2.5E-08          | 7.7E-08 | 4.4E-08 | 4.0E-08 | 1.8E-08 | 9.3E-11 | 2.2E-09           | 1.2E-09 | 1.0E-09 | 3.2E-10 | 4.8E-09 |  |  |  |     |  |  |  |  |  |      |  |  |  |  |  |       |  |  |  |  |  |            |  |  |  |  |  |
| 20                   | 641404.31 | 4290666.68 | 641404.31 | 429C | 4.42784 | 4.42863                           | 4.42784 | 4.11052     | 1.53E-07 | 2.45E-08                     | 4.59E-07 | 8.89E-05                     | 8.95E-05 | 3.1E-08          | 9.4E-08 | 5.4E-08 | 4.9E-08 | 2.2E-08 | 1.1E-10 | 2.7E-09           | 1.4E-09 | 1.3E-09 | 3.9E-10 | 5.9E-09 |  |  |  |     |  |  |  |  |  |      |  |  |  |  |  |       |  |  |  |  |  |            |  |  |  |  |  |
| 21                   | 641284.31 | 4290706.68 | 641284.31 | 429C | 2.56649 | 2.56683                           | 2.56649 | 2.41563     | 8.87E-08 | 1.42E-08                     | 2.66E-07 | 5.22E-05                     | 5.26E-05 | 1.8E-08          | 5.5E-08 | 3.2E-08 | 2.9E-08 | 1.3E-08 | 6.6E-11 | 1.6E-09           | 8.2E-10 | 7.5E-10 | 2.3E-10 | 3.5E-09 |  |  |  |     |  |  |  |  |  |      |  |  |  |  |  |       |  |  |  |  |  |            |  |  |  |  |  |
| 22                   | 641324.31 | 4290706.68 | 641324.31 | 429C | 3.03692 | 3.03736                           | 3.03692 | 2.8413      | 1.05E-07 | 1.68E-08                     | 3.15E-07 | 6.14E-05                     | 6.19E-05 | 2.1E-08          | 6.5E-08 | 3.7E-08 | 3.4E-08 | 1.5E-08 | 7.8E-11 | 1.9E-09           | 9.7E-10 | 8.8E-10 | 2.7E-10 | 4.1E-09 |  |  |  |     |  |  |  |  |  |      |  |  |  |  |  |       |  |  |  |  |  |            |  |  |  |  |  |
| 23                   | 641364.31 | 4290706.68 | 641364.31 | 429C | 3.67397 | 3.67455                           | 3.67397 | 3.40921     | 1.27E-07 | 2.03E-08                     | 3.81E-07 | 7.37E-05                     | 7.42E-05 | 2.6E-08          | 7.8E-08 | 4.5E-08 | 4.1E-08 | 1.9E-08 | 9.4E-11 | 2.3E-09           | 1.2E-09 | 1.1E-09 | 3.2E-10 | 4.9E-09 |  |  |  |     |  |  |  |  |  |      |  |  |  |  |  |       |  |  |  |  |  |            |  |  |  |  |  |
| 24                   | 641404.31 | 4290706.68 | 641404.31 | 429C | 4.52911 | 4.52993                           | 4.52911 | 4.17204     | 1.57E-07 | 2.51E-08                     | 4.70E-07 | 9.02E-05                     | 9.09E-05 | 3.1E-08          | 9.4E-08 | 5.5E-08 | 5.0E-08 | 2.3E-08 | 1.1E-10 | 2.8E-09           | 1.4E-09 | 1.3E-09 | 3.9E-10 | 6.0E-09 |  |  |  |     |  |  |  |  |  |      |  |  |  |  |  |       |  |  |  |  |  |            |  |  |  |  |  |
| 25                   | 641284.31 | 4290746.68 | 641284.31 | 429C | 2.60298 | 2.60332                           | 2.60298 | 2.43528     | 9.00E-08 | 1.44E-08                     | 2.70E-07 | 5.27E-05                     | 5.30E-05 | 1.8E-08          | 5.5E-08 | 3.2E-08 | 2.9E-08 | 1.3E-08 | 6.7E-11 | 1.6E-09           | 8.3E-10 | 7.5E-10 | 2.3E-10 | 3.5E-09 |  |  |  |     |  |  |  |  |  |      |  |  |  |  |  |       |  |  |  |  |  |            |  |  |  |  |  |
| 26                   | 641324.31 | 4290746.68 | 641324.31 | 429C | 3.08236 | 3.08236                           | 2.86816 | 2.86816     | 1.07E-07 | 1.70E-08                     | 3.20E-07 | 6.20E-05                     | 6.25E-05 | 2.2E-08          | 6.5E-08 | 3.8E-08 | 3.4E-08 | 1.6E-08 | 7.9E-11 | 1.9E-09           | 9.8E-10 | 8.9E-10 | 2.7E-10 | 4.1E-09 |  |  |  |     |  |  |  |  |  |      |  |  |  |  |  |       |  |  |  |  |  |            |  |  |  |  |  |
| 27                   | 641364.31 | 4290746.68 | 641364.31 | 429C | 3.73756 | 3.73816                           | 3.45213 | 3.45213     | 1.29E-07 | 2.07E-08                     | 3.88E-07 | 7.46E-05                     | 7.52E-05 | 2.6E-08          | 7.9E-08 | 4.5E-08 | 4.1E-08 | 1.9E-08 | 9.5E-11 | 2.3E-09           | 1.2E-09 | 1.1E-09 | 3.2E-10 | 5.0E-09 |  |  |  |     |  |  |  |  |  |      |  |  |  |  |  |       |  |  |  |  |  |            |  |  |  |  |  |
| 28                   | 641404.31 | 4290746.68 | 641404.31 | 429C | 4.63986 | 4.64072                           | 4.63986 | 4.2535      | 1.60E-07 | 2.57E-08                     | 4.81E-07 | 9.20E-05                     | 9.26E-05 | 3.2E-08          | 9.7E-08 | 5.6E-08 | 5.1E-08 | 2.3E-08 | 1.2E-10 | 2.8E-09           | 1.5E-09 | 1.3E-09 | 4.0E-10 | 6.1E-09 |  |  |  |     |  |  |  |  |  |      |  |  |  |  |  |       |  |  |  |  |  |            |  |  |  |  |  |
| 29                   | 641284.31 | 4290786.68 | 641284.31 | 429C | 2.64338 | 2.64373                           | 2.64338 | 2.46181     | 9.14E-08 | 1.46E-08                     | 2.74E-07 | 5.32E-05                     | 5.36E-05 | 1.9E-08          | 5.6E-08 | 3.2E-08 | 2.9E-08 | 1.3E-08 | 6.8E-11 | 1.6E-09           | 8.4E-10 | 7.6E-10 | 2.3E-10 | 3.5E-09 |  |  |  |     |  |  |  |  |  |      |  |  |  |  |  |       |  |  |  |  |  |            |  |  |  |  |  |
| 30                   | 641324.31 | 4290786.68 | 641324.31 | 429C | 3.13751 | 3.13798                           | 2.9096  | 2.9096      | 1.08E-07 | 1.74E-08                     | 3.25E-07 | 6.29E-05                     | 6.34E-05 | 2.2E-08          | 6.6E-08 | 3.8E-08 | 3.5E-08 | 1.6E-08 | 8.0E-11 | 1.9E-09           | 9.9E-10 | 9.0E-10 | 2.7E-10 | 4.2E-09 |  |  |  |     |  |  |  |  |  |      |  |  |  |  |  |       |  |  |  |  |  |            |  |  |  |  |  |
| 31                   | 641364.31 | 4290786.68 | 641364.31 | 429C | 3.81428 | 3.81491                           | 3.51655 | 3.51655     | 1.32E-07 | 2.11E-08                     | 3.96E-07 | 7.60E-05                     | 7.66E    |                  |         |         |         |         |         |                   |         |         |         |         |  |  |  |     |  |  |  |  |  |      |  |  |  |  |  |       |  |  |  |  |  |            |  |  |  |  |  |



|     |           |            |           |      |         |         |         |         |          |          |          |          |          |         |         |         |         |         |         |         |         |         |         |         |
|-----|-----------|------------|-----------|------|---------|---------|---------|---------|----------|----------|----------|----------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 98  | 642388.28 | 4290969.76 | 642388.28 | 429K | 0.9946  | 0.99454 | 0.9946  | 0.98186 | 3.44E-08 | 5.50E-09 | 1.03E-07 | 2.12E-05 | 2.14E-05 | 7.4E-09 | 2.2E-08 | 1.3E-08 | 1.2E-08 | 5.3E-09 | 2.7E-11 | 6.5E-10 | 3.4E-10 | 3.0E-10 | 9.2E-11 | 1.4E-09 |
| 99  | 642428.28 | 4290969.76 | 642428.28 | 429K | 0.91426 | 0.9142  | 0.91426 | 0.9036  | 3.16E-08 | 5.06E-09 | 9.48E-08 | 1.95E-05 | 1.97E-05 | 6.8E-09 | 2.1E-08 | 1.2E-08 | 1.1E-08 | 4.9E-09 | 2.5E-11 | 6.0E-10 | 3.1E-10 | 2.8E-10 | 8.5E-11 | 1.3E-09 |
| 100 | 641268.28 | 4291009.76 | 641268.28 | 4291 | 2.72858 | 2.72894 | 2.72858 | 2.5363  | 9.43E-08 | 1.51E-08 | 2.83E-07 | 5.48E-05 | 5.52E-05 | 1.9E-08 | 5.8E-08 | 3.3E-08 | 3.0E-08 | 1.4E-08 | 7.0E-11 | 1.7E-09 | 8.7E-10 | 7.9E-10 | 2.4E-10 | 3.6E-09 |
| 101 | 641308.28 | 4291009.76 | 641308.28 | 4291 | 3.22289 | 3.22334 | 3.22289 | 2.98764 | 1.11E-07 | 1.78E-08 | 3.34E-07 | 6.46E-05 | 6.51E-05 | 2.3E-08 | 6.8E-08 | 3.9E-08 | 3.6E-08 | 1.6E-08 | 8.2E-11 | 2.0E-09 | 1.0E-09 | 9.3E-10 | 2.8E-10 | 4.3E-09 |
| 102 | 641348.28 | 4291009.76 | 641348.28 | 4291 | 3.83519 | 3.83576 | 3.83519 | 3.54851 | 1.33E-07 | 2.12E-08 | 3.98E-07 | 7.67E-05 | 7.73E-05 | 2.7E-08 | 8.1E-08 | 4.7E-08 | 4.2E-08 | 1.9E-08 | 9.7E-11 | 2.4E-09 | 1.2E-09 | 1.1E-09 | 3.3E-10 | 5.1E-09 |
| 103 | 641388.28 | 4291009.76 | 641388.28 | 4291 | 4.57805 | 4.57874 | 4.57805 | 4.23055 | 1.58E-07 | 2.53E-08 | 4.75E-07 | 9.15E-05 | 9.21E-05 | 3.2E-08 | 9.6E-08 | 5.6E-08 | 5.1E-08 | 2.3E-08 | 1.2E-10 | 2.8E-09 | 1.4E-09 | 1.3E-09 | 4.0E-10 | 6.1E-09 |
| 104 | 641428.28 | 4291009.76 | 641428.28 | 4291 | 5.45476 | 5.45558 | 5.45476 | 5.02792 | 1.89E-07 | 3.02E-08 | 5.66E-07 | 1.09E-04 | 1.10E-04 | 3.8E-08 | 1.1E-07 | 6.6E-08 | 6.0E-08 | 2.7E-08 | 1.4E-10 | 3.3E-09 | 1.7E-09 | 1.6E-09 | 4.7E-10 | 7.2E-09 |
| 105 | 641468.28 | 4291009.76 | 641468.28 | 4291 | 6.4371  | 6.43803 | 6.4371  | 5.90318 | 2.22E-07 | 3.56E-08 | 6.67E-07 | 1.28E-04 | 1.29E-04 | 4.5E-08 | 1.3E-07 | 7.8E-08 | 7.1E-08 | 3.2E-08 | 1.6E-10 | 3.9E-09 | 2.0E-09 | 1.8E-09 | 5.5E-10 | 8.5E-09 |
| 106 | 641508.28 | 4291009.76 | 641508.28 | 4291 | 7.46047 | 7.46145 | 7.46047 | 6.78207 | 2.58E-07 | 4.13E-08 | 7.74E-07 | 1.47E-04 | 1.48E-04 | 5.1E-08 | 1.5E-07 | 8.9E-08 | 8.1E-08 | 3.7E-08 | 1.9E-10 | 4.5E-09 | 2.3E-09 | 2.1E-09 | 6.4E-10 | 9.7E-09 |
| 107 | 641548.28 | 4291009.76 | 641548.28 | 4291 | 8.41614 | 8.41707 | 8.41614 | 7.56265 | 2.91E-07 | 4.65E-08 | 8.73E-07 | 1.64E-04 | 1.65E-04 | 5.7E-08 | 1.7E-07 | 1.0E-07 | 9.0E-08 | 4.1E-08 | 2.1E-10 | 5.0E-09 | 2.6E-09 | 2.3E-09 | 7.1E-10 | 1.1E-08 |
| 108 | 641588.28 | 4291009.76 | 641588.28 | 4291 | 9.17186 | 9.17264 | 9.17186 | 8.1465  | 3.17E-07 | 5.07E-08 | 9.51E-07 | 1.76E-04 | 1.77E-04 | 6.1E-08 | 1.9E-07 | 1.1E-07 | 9.7E-08 | 4.4E-08 | 2.2E-10 | 5.4E-09 | 2.8E-09 | 2.5E-09 | 7.6E-10 | 1.2E-08 |
| 109 | 641628.28 | 4291009.76 | 641628.28 | 4291 | 9.59993 | 9.60045 | 9.59993 | 8.46218 | 3.32E-07 | 5.31E-08 | 9.95E-07 | 1.83E-04 | 1.84E-04 | 6.4E-08 | 1.9E-07 | 1.1E-07 | 1.0E-07 | 4.6E-08 | 2.3E-10 | 5.6E-09 | 2.9E-09 | 2.6E-09 | 7.9E-10 | 1.2E-08 |
| 110 | 641668.28 | 4291009.76 | 641668.28 | 4291 | 9.60751 | 9.60768 | 9.60751 | 8.4665  | 3.32E-07 | 5.31E-08 | 9.96E-07 | 1.83E-04 | 1.84E-04 | 6.4E-08 | 1.9E-07 | 1.1E-07 | 1.0E-07 | 4.6E-08 | 2.3E-10 | 5.6E-09 | 2.9E-09 | 2.6E-09 | 7.9E-10 | 1.2E-08 |
| 111 | 641708.28 | 4291009.76 | 641708.28 | 4291 | 9.1673  | 9.1671  | 9.1673  | 8.14053 | 3.17E-07 | 5.07E-08 | 9.51E-07 | 1.76E-04 | 1.77E-04 | 6.1E-08 | 1.9E-07 | 1.1E-07 | 9.7E-08 | 4.4E-08 | 2.2E-10 | 5.4E-09 | 2.8E-09 | 2.5E-09 | 7.6E-10 | 1.2E-08 |
| 112 | 641748.28 | 4291009.76 | 641748.28 | 4291 | 8.34683 | 8.34632 | 8.34683 | 7.51531 | 2.88E-07 | 4.62E-08 | 8.65E-07 | 1.63E-04 | 1.64E-04 | 5.7E-08 | 1.7E-07 | 9.9E-08 | 9.0E-08 | 4.1E-08 | 2.1E-10 | 5.0E-09 | 2.6E-09 | 2.3E-09 | 7.0E-10 | 1.1E-08 |
| 113 | 641788.28 | 4291009.76 | 641788.28 | 4291 | 7.29983 | 7.29916 | 7.29983 | 6.69239 | 2.52E-07 | 4.04E-08 | 7.57E-07 | 1.45E-04 | 1.46E-04 | 5.0E-08 | 1.5E-07 | 8.8E-08 | 8.0E-08 | 3.6E-08 | 1.8E-10 | 4.4E-09 | 2.3E-09 | 2.1E-09 | 6.3E-10 | 9.6E-09 |
| 114 | 641828.28 | 4291009.76 | 641828.28 | 4291 | 6.20016 | 6.19945 | 6.20016 | 5.79822 | 2.14E-07 | 3.43E-08 | 6.43E-07 | 1.25E-04 | 1.26E-04 | 4.4E-08 | 1.3E-07 | 7.6E-08 | 6.9E-08 | 3.2E-08 | 1.6E-10 | 3.8E-09 | 2.0E-09 | 1.8E-09 | 5.4E-10 | 8.3E-09 |
| 115 | 641868.28 | 4291009.76 | 641868.28 | 4291 | 5.193   | 5.19235 | 5.193   | 4.9397  | 1.79E-07 | 2.87E-08 | 5.38E-07 | 1.07E-04 | 1.08E-04 | 3.7E-11 | 1.1E-07 | 6.5E-08 | 5.9E-08 | 2.7E-08 | 1.4E-10 | 3.3E-09 | 1.7E-09 | 1.5E-09 | 4.6E-10 | 7.1E-09 |
| 116 | 641908.28 | 4291009.76 | 641908.28 | 4291 | 4.33631 | 4.33576 | 4.33631 | 4.17244 | 1.50E-07 | 2.40E-08 | 4.50E-07 | 9.02E-05 | 9.08E-05 | 3.1E-08 | 9.5E-08 | 5.5E-08 | 5.0E-08 | 2.3E-08 | 1.1E-10 | 2.8E-09 | 1.4E-09 | 1.3E-09 | 3.9E-10 | 6.0E-09 |
| 117 | 641948.28 | 4291009.76 | 641948.28 | 4291 | 3.63912 | 3.63867 | 3.63912 | 3.52449 | 1.26E-07 | 2.01E-08 | 3.77E-07 | 7.62E-05 | 7.67E-05 | 2.7E-08 | 8.0E-08 | 4.6E-08 | 4.2E-08 | 1.9E-08 | 9.7E-11 | 2.3E-09 | 1.2E-09 | 1.1E-09 | 3.3E-10 | 5.1E-09 |
| 118 | 642188.28 | 4291009.76 | 642188.28 | 4291 | 1.56942 | 1.56955 | 1.56942 | 1.55039 | 5.42E-08 | 8.68E-09 | 1.63E-07 | 3.35E-05 | 3.38E-05 | 1.2E-08 | 3.5E-08 | 2.0E-08 | 1.9E-08 | 8.4E-09 | 4.3E-11 | 1.0E-09 | 5.3E-10 | 4.8E-10 | 1.5E-10 | 2.2E-09 |
| 119 | 642228.28 | 4291009.76 | 642228.28 | 4291 | 1.40547 | 1.40536 | 1.40547 | 1.38917 | 4.86E-08 | 7.77E-09 | 1.46E-07 | 3.00E-05 | 3.02E-05 | 1.0E-08 | 3.2E-08 | 1.8E-08 | 1.7E-08 | 7.6E-09 | 3.8E-11 | 9.2E-10 | 4.7E-10 | 4.3E-10 | 1.3E-10 | 2.0E-09 |
| 120 | 642268.28 | 4291009.76 | 642268.28 | 4291 | 1.26752 | 1.26742 | 1.26752 | 1.2524  | 4.38E-08 | 7.01E-09 | 1.31E-07 | 2.71E-05 | 2.73E-05 | 9.4E-09 | 3.2E-08 | 1.6E-08 | 1.5E-08 | 6.8E-09 | 3.4E-11 | 8.3E-10 | 4.3E-10 | 3.9E-10 | 1.2E-10 | 1.8E-09 |
| 121 | 642308.28 | 4291009.76 | 642308.28 | 4291 | 1.14974 | 1.14966 | 1.14974 | 1.13516 | 3.97E-08 | 6.36E-09 | 1.19E-07 | 2.45E-05 | 2.47E-05 | 8.6E-09 | 2.6E-08 | 1.5E-08 | 1.4E-08 | 6.2E-09 | 3.1E-11 | 7.5E-10 | 3.9E-10 | 3.5E-10 | 1.1E-10 | 1.6E-09 |
| 122 | 642348.28 | 4291009.76 | 642348.28 | 4291 | 1.04828 | 1.04821 | 1.04828 | 1.03422 | 3.62E-08 | 5.80E-09 | 1.09E-07 | 2.24E-05 | 2.25E-05 | 7.8E-09 | 2.4E-08 | 1.4E-08 | 1.2E-08 | 5.6E-09 | 2.8E-11 | 6.9E-10 | 3.5E-10 | 3.2E-10 | 9.7E-11 | 1.5E-09 |
| 123 | 642388.28 | 4291009.76 | 642388.28 | 4291 | 0.96069 | 0.96063 | 0.96069 | 0.94745 | 3.32E-08 | 5.31E-09 | 9.96E-08 | 2.05E-05 | 2.06E-05 | 7.1E-09 | 2.2E-08 | 1.2E-08 | 1.1E-08 | 5.2E-09 | 2.6E-11 | 6.3E-10 | 3.2E-10 | 2.9E-10 | 8.9E-11 | 1.4E-09 |
| 124 | 642428.28 | 4291009.76 | 642428.28 | 4291 | 0.88463 | 0.88458 | 0.88463 | 0.87257 | 3.06E-08 | 4.89E-09 | 9.17E-08 | 1.89E-05 | 1.90E-05 | 6.6E-09 | 2.4E-08 | 1.1E-08 | 1.0E-08 | 4.8E-09 | 2.4E-11 | 5.8E-10 | 3.0E-10 | 2.7E-10 | 8.2E-11 | 1.3E-09 |
| 125 | 642468.28 | 4291049.76 | 641268.28 | 4291 | 2.74627 | 2.74662 | 2.74627 | 2.55727 | 9.49E-08 | 1.52E-08 | 2.85E-07 | 5.53E-05 | 5.57E-05 | 1.9E-08 | 5.8E-08 | 3.4E-08 | 3.1E-08 | 1.4E-08 | 7.0E-11 | 1.7E-09 | 8.7E-10 | 7.9E-10 | 2.4E-10 | 3.7E-09 |
| 126 | 641308.28 | 4291049.76 | 641308.28 | 4291 | 3.21799 | 3.21799 | 3.21799 | 2.99367 | 1.11E-07 | 1.78E-08 | 3.34E-07 | 6.47E-05 | 6.52E-05 | 2.3E-08 | 6.8E-08 | 3.9E-08 | 3.6E-08 | 1.6E-08 | 8.2E-11 | 2.0E-09 | 1.0E-09 | 9.3E-10 | 2.8E-10 | 4.3E-09 |
| 127 | 641348.28 | 4291049.76 | 641348.28 | 4291 | 3.786   | 3.78652 | 3.786   | 3.52078 | 1.31E-07 | 2.09E-08 | 3.93E-07 | 7.61E-05 | 7.67E-05 | 2.7E-08 | 8.0E-08 | 4.6E-08 | 4.2E-08 | 1.9E-08 | 9.7E-11 | 2.3E-09 | 1.2E-09 | 1.1E-09 | 3.3E-10 | 5.1E-09 |
| 128 | 641388.28 | 4291049.76 | 641388.28 | 4291 | 4.44751 | 4.44751 | 4.44751 | 4.13376 | 1.54E-07 | 2.46E-08 | 4.61E-07 | 8.94E-05 | 9.00E-05 | 3.1E-08 | 9.4E-08 | 5.4E-08 | 4.9E-08 | 2.3E-08 | 1.1E-10 | 2.7E-09 | 1.4E-09 | 1.3E-09 | 3.9E-10 | 5.9E-09 |
| 129 | 641428.28 | 4291049.76 | 641428.28 | 4291 | 5.1865  | 5.18719 | 5.1865  | 4.81054 | 1.79E-07 | 2.87E-08 | 5.38E-07 | 1.04E-04 | 1.05E-04 | 3.6E-08 | 1.1E-07 | 6.3E-08 | 5.7E-08 | 2.6E-08 | 1.3E-10 | 3.2E-09 | 1.6E-09 | 1.5E-09 | 4.5E-10 | 6.9E-09 |
| 130 | 641468.28 | 4291049.76 | 641468.28 | 4291 | 5.9729  | 5.97365 | 5.9729  | 5.5106  | 2.06E-07 | 3.30E-08 | 6.19E-07 | 1.19E-04 | 1.20E-04 | 4.2E-08 | 1.3E-07 | 7.3E-08 | 6.6E-08 | 3.0E-08 | 1.5E-10 | 3.7E-09 | 1.9E-09 | 1.7E-09 | 5.2E-10 | 7.9E-09 |
| 131 | 641508.28 | 4291049.76 | 641508.28 | 4291 | 6.74438 | 6.74512 | 6.74438 | 6.16905 | 2.33E-07 | 3.73E-08 | 6.99E-07 | 1.33E-04 | 1.34E-04 | 4.7E-08 | 1.4E-07 | 8.1E-08 | 7.4E-08 | 3.4E-08 | 1.7E-10 | 4.1E-09 | 2.1E-09 | 1.9E-09 | 5.8E-10 | 8.9E-09 |
| 132 | 641548.28 | 4291049.76 | 641548.28 | 4291 | 7.41909 | 7.41977 | 7.41909 | 6.71546 | 2.56E-07 | 4.10E-08 | 7.69E-07 | 1.45E-04 | 1.46E-04 | 5.1E-08 | 1.5E-07 | 8.9E-08 | 8.0E-08 | 3.7E-08 | 1.8E-10 | 4.5E-09 | 2.3E-09 | 2.1E-09 | 6.3E-10 | 9.6E-09 |
| 133 | 641588.28 | 4291049.76 | 641588.28 | 4291 | 7.91107 | 7.91161 | 7.91107 | 7.09281 | 2.73E-07 | 4.38E-08 | 8.20E-07 | 1.53E-04 | 1.55E-04 | 5.3E-08 | 1.6E-07 | 9.3E-08 | 8.5E-08 | 3.9E-08 | 1.9E-10 | 4.7E-09 | 2.4E-09 | 2.2E-09 | 6.7E-10 | 1.0E-08 |
| 134 | 641628.28 | 4291049.76 | 641628.28 | 4291 | 8.14689 | 8.14722 | 8.14689 | 7.26509 | 2.82E-07 | 4.51E-08 | 8.45E-07 | 1.57E-04 | 1.58E-04 | 5.5E-08 | 1.7E-07 | 9.6E-08 | 8.7E-08 | 4.0E-08 | 2.0E-10 | 4.8E-09 | 2.5E-09 | 2.3E-09 | 6.8E-10 | 1.0E-08 |
| 135 | 641668.28 | 4291049.76 | 641668.28 | 4291 | 8.07904 | 8.07912 | 8.07904 | 7.21007 | 2.79E-07 | 4.47E-08 | 8.38E-07 | 1.56E-04 | 1.57E-04 | 5.4E-08 | 1.6E-07 | 9.5E-08 | 8.6E-08 | 3.9E-08 | 2.0E-10 | 4.8E-09 | 2.5E-09 | 2.2E-09 | 6.8E-10 | 1.0E-08 |
| 136 | 641708.28 | 4291049.76 | 641708.28 | 4291 | 7.70103 | 7.70085 | 7.70103 | 6.91836 | 2.66E-07 | 4.26E-08 | 7.99E-07 | 1.50E-04 | 1.51E-04 | 5.2E-08 | 1.6E-07 | 9.1E-08 | 8.3E-08 | 3.8E-08 | 1.9E-10 | 4.6E-09 | 2.4E-09 | 2.1E-09 | 6.5E-10 | 9.9E-09 |
| 137 | 641748.28 | 4291049.76 | 641748.28 | 4291 | 7.06249 | 7.06211 | 7.06249 | 6.41515 | 2.44E-07 | 3.91E-08 | 7.32E-07 | 1.39E-04 | 1.40E-04 | 4.4E-08 | 1.5E-07 | 8.5E-08 | 7.7E-08 | 3.5E-08 | 1.8E-10 | 4.3E-09 | 2.2E-09 | 2.0E-09 | 6.0E-10 | 9.2E-09 |
| 138 | 641788.28 | 4          |           |      |         |         |         |         |          |          |          |          |          |         |         |         |         |         |         |         |         |         |         |         |



|     |           |            |                 |         |         |         |         |          |          |          |          |          |         |         |         |         |         |         |         |         |         |         |         |
|-----|-----------|------------|-----------------|---------|---------|---------|---------|----------|----------|----------|----------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 205 | 641734.56 | 4290226.75 | 641734.56, 429K | 4.35305 | 4.35319 | 4.35305 | 4.95948 | 1.50E-07 | 2.41E-08 | 4.51E-07 | 1.07E-04 | 1.08E-04 | 3.7E-08 | 1.1E-07 | 6.5E-08 | 5.9E-08 | 2.7E-08 | 1.4E-10 | 3.3E-09 | 1.7E-09 | 1.5E-09 | 4.6E-10 | 7.1E-09 |
| 206 | 641774.56 | 4290226.75 | 641774.56, 429K | 4.7636  | 4.76377 | 4.7636  | 5.43209 | 1.65E-07 | 2.63E-08 | 4.94E-07 | 1.17E-04 | 1.18E-04 | 4.1E-08 | 1.2E-07 | 7.1E-08 | 6.5E-08 | 3.0E-08 | 1.5E-10 | 3.6E-09 | 1.9E-09 | 1.7E-09 | 5.1E-10 | 7.8E-09 |
| 207 | 641814.56 | 4290226.75 | 641814.56, 429K | 5.22719 | 5.22735 | 5.22719 | 6.05768 | 1.81E-07 | 2.89E-08 | 5.42E-07 | 1.31E-04 | 1.32E-04 | 4.6E-08 | 1.4E-07 | 8.0E-08 | 7.2E-08 | 3.3E-08 | 1.7E-10 | 4.0E-09 | 2.1E-09 | 1.9E-09 | 5.7E-10 | 8.7E-09 |
| 208 | 641854.56 | 4290226.75 | 641854.56, 429K | 5.61167 | 5.61167 | 5.61167 | 6.69729 | 1.94E-07 | 3.10E-08 | 5.82E-07 | 1.45E-04 | 1.46E-04 | 5.0E-08 | 1.5E-07 | 8.8E-08 | 8.0E-08 | 3.6E-08 | 1.8E-10 | 4.4E-09 | 2.3E-09 | 2.1E-09 | 6.3E-10 | 9.6E-09 |
| 209 | 641894.56 | 4290226.75 | 641894.56, 429K | 5.75285 | 5.75263 | 5.75285 | 7.0178  | 1.99E-07 | 3.18E-08 | 5.97E-07 | 1.52E-04 | 1.53E-04 | 5.3E-08 | 1.6E-07 | 9.2E-08 | 8.4E-08 | 3.8E-08 | 1.9E-10 | 4.6E-09 | 2.4E-09 | 2.2E-09 | 6.6E-10 | 1.0E-08 |
| 210 | 641934.56 | 4290226.75 | 641934.56, 429K | 5.58543 | 5.58543 | 5.58543 | 6.81656 | 1.93E-07 | 3.09E-08 | 5.79E-07 | 1.47E-04 | 1.48E-04 | 5.1E-08 | 1.5E-07 | 9.0E-08 | 8.1E-08 | 3.7E-08 | 1.9E-10 | 4.5E-09 | 2.3E-09 | 2.1E-09 | 6.4E-10 | 9.8E-09 |
| 211 | 641974.56 | 4290226.75 | 641974.56, 429K | 5.179   | 5.17847 | 5.179   | 6.21273 | 1.79E-07 | 2.86E-08 | 5.37E-07 | 1.34E-04 | 1.35E-04 | 4.7E-08 | 1.4E-07 | 8.2E-08 | 7.4E-08 | 3.4E-08 | 1.7E-10 | 4.1E-09 | 2.1E-09 | 1.9E-09 | 5.8E-10 | 8.9E-09 |
| 212 | 642014.56 | 4290226.75 | 642014.56, 429K | 4.65363 | 4.65363 | 4.65363 | 5.44943 | 1.61E-07 | 2.57E-08 | 4.83E-07 | 1.18E-04 | 1.19E-04 | 4.1E-08 | 1.2E-07 | 7.2E-08 | 6.5E-08 | 3.0E-08 | 1.5E-10 | 3.6E-09 | 1.9E-09 | 1.7E-09 | 5.1E-10 | 7.8E-09 |
| 213 | 642054.56 | 4290226.75 | 642054.56, 429K | 4.10564 | 4.10564 | 4.10564 | 4.69249 | 1.42E-07 | 2.27E-08 | 4.26E-07 | 1.01E-04 | 1.02E-04 | 3.5E-08 | 1.1E-07 | 6.2E-08 | 5.6E-08 | 2.6E-08 | 1.3E-10 | 3.1E-09 | 1.6E-09 | 1.5E-09 | 4.4E-10 | 6.7E-09 |
| 214 | 642094.56 | 4290226.75 | 642094.56, 429K | 3.5901  | 3.58966 | 3.5901  | 4.01284 | 1.24E-07 | 1.99E-08 | 3.72E-07 | 8.68E-05 | 8.73E-05 | 3.0E-08 | 9.1E-08 | 5.3E-08 | 4.8E-08 | 2.2E-08 | 1.1E-10 | 2.7E-09 | 1.4E-09 | 1.2E-09 | 3.8E-10 | 5.8E-09 |
| 215 | 642134.56 | 4290226.75 | 642134.56, 429K | 3.1313  | 3.13093 | 3.1313  | 3.4313  | 1.08E-07 | 1.73E-08 | 3.25E-07 | 7.42E-05 | 7.46E-05 | 2.6E-08 | 7.8E-08 | 4.5E-08 | 4.1E-08 | 1.9E-08 | 9.4E-11 | 2.3E-09 | 1.2E-09 | 1.1E-09 | 3.2E-10 | 4.9E-09 |
| 216 | 642174.56 | 4290226.75 | 642174.56, 429K | 2.73289 | 2.73257 | 2.73289 | 2.94366 | 9.45E-08 | 1.51E-08 | 2.83E-07 | 6.37E-05 | 6.40E-05 | 2.2E-08 | 6.7E-08 | 3.9E-08 | 3.5E-08 | 1.6E-08 | 8.1E-11 | 2.0E-09 | 1.0E-09 | 9.1E-10 | 2.8E-10 | 4.2E-09 |
| 217 | 642214.56 | 4290226.75 | 642214.56, 429K | 2.38913 | 2.38886 | 2.38913 | 2.536   | 8.26E-08 | 1.32E-08 | 2.48E-07 | 5.48E-05 | 5.52E-05 | 1.9E-08 | 5.8E-08 | 3.3E-08 | 3.0E-08 | 1.4E-08 | 7.0E-11 | 1.7E-09 | 8.7E-10 | 7.8E-10 | 2.4E-10 | 3.6E-09 |
| 218 | 642254.56 | 4290226.75 | 642254.56, 429K | 2.0968  | 2.09658 | 2.0968  | 2.19836 | 7.25E-08 | 1.16E-08 | 2.17E-07 | 4.75E-05 | 4.78E-05 | 1.7E-08 | 5.0E-08 | 2.9E-08 | 2.6E-08 | 1.2E-08 | 6.0E-11 | 1.5E-09 | 7.5E-10 | 6.8E-10 | 2.1E-10 | 3.2E-09 |
| 219 | 642294.56 | 4290226.75 | 642294.56, 429K | 1.84992 | 1.84973 | 1.84992 | 1.91933 | 6.39E-08 | 1.02E-08 | 1.92E-07 | 4.15E-05 | 4.18E-05 | 1.4E-08 | 4.4E-08 | 2.5E-08 | 2.3E-08 | 1.0E-08 | 5.3E-11 | 1.3E-09 | 6.6E-10 | 5.9E-10 | 1.8E-10 | 2.8E-09 |
| 220 | 642334.56 | 4290226.75 | 642334.56, 429K | 1.64037 | 1.64021 | 1.64037 | 1.68691 | 5.67E-08 | 9.07E-09 | 1.70E-07 | 3.65E-05 | 3.67E-05 | 1.3E-08 | 3.8E-08 | 2.2E-08 | 2.0E-08 | 9.2E-09 | 4.6E-11 | 1.1E-09 | 5.8E-10 | 5.2E-10 | 1.6E-10 | 2.4E-09 |
| 221 | 642374.56 | 4290226.75 | 642374.56, 429K | 1.46042 | 1.46029 | 1.46042 | 1.49084 | 5.05E-08 | 8.08E-09 | 1.51E-07 | 3.22E-05 | 3.24E-05 | 1.1E-08 | 3.4E-08 | 2.0E-08 | 1.8E-08 | 8.1E-09 | 4.1E-11 | 9.9E-10 | 5.1E-10 | 4.6E-10 | 1.4E-10 | 2.1E-09 |
| 222 | 642414.56 | 4290226.75 | 642414.56, 429K | 1.30668 | 1.30657 | 1.30668 | 1.32599 | 4.52E-08 | 7.23E-09 | 1.35E-07 | 2.87E-05 | 2.89E-05 | 1.0E-08 | 3.0E-08 | 1.7E-08 | 1.6E-08 | 7.2E-09 | 3.6E-11 | 8.8E-10 | 4.5E-10 | 4.1E-10 | 1.2E-10 | 1.9E-09 |
| 223 | 642454.56 | 4290226.75 | 642454.56, 429K | 1.17547 | 1.17547 | 1.17547 | 1.18734 | 4.06E-08 | 6.50E-09 | 1.22E-07 | 2.57E-05 | 2.58E-05 | 8.9E-09 | 2.7E-08 | 1.6E-08 | 1.4E-08 | 6.5E-09 | 3.3E-11 | 7.9E-10 | 4.1E-10 | 3.7E-10 | 1.1E-10 | 1.7E-09 |
| 224 | 642494.56 | 4290226.75 | 642494.56, 429K | 1.06247 | 1.06239 | 1.06247 | 1.06954 | 3.67E-08 | 5.88E-09 | 1.10E-07 | 2.31E-05 | 2.33E-05 | 8.1E-09 | 2.4E-08 | 1.4E-08 | 1.3E-08 | 5.8E-09 | 2.9E-11 | 7.1E-10 | 3.7E-10 | 3.3E-10 | 1.0E-10 | 1.5E-09 |
| 225 | 642534.56 | 4290226.75 | 642534.56, 429K | 0.96484 | 0.96477 | 0.96484 | 0.96894 | 3.33E-08 | 5.34E-09 | 1.00E-07 | 2.10E-05 | 2.11E-05 | 7.3E-09 | 2.2E-08 | 1.3E-08 | 1.2E-08 | 5.3E-09 | 2.7E-11 | 6.4E-10 | 3.3E-10 | 3.0E-10 | 9.1E-11 | 1.4E-09 |
| 226 | 642574.56 | 4290226.75 | 642574.56, 429K | 0.88    | 0.87994 | 0.88    | 0.88233 | 3.04E-08 | 4.87E-09 | 9.12E-08 | 1.91E-05 | 1.92E-05 | 6.6E-09 | 2.0E-08 | 1.2E-08 | 1.1E-08 | 4.8E-09 | 2.4E-11 | 5.9E-10 | 3.0E-10 | 2.7E-10 | 8.3E-11 | 1.3E-09 |
| 227 | 642614.56 | 4290226.75 | 642614.56, 429K | 0.80701 | 0.80696 | 0.80701 | 0.80836 | 2.79E-08 | 4.46E-09 | 8.37E-08 | 1.75E-05 | 1.76E-05 | 6.1E-09 | 1.8E-08 | 1.1E-08 | 9.7E-09 | 4.4E-09 | 2.2E-11 | 5.4E-10 | 2.8E-10 | 2.5E-10 | 7.6E-11 | 1.2E-09 |
| 228 | 641374.56 | 4290266.75 | 641374.56, 429K | 2.09724 | 2.09724 | 2.09724 | 2.16744 | 7.25E-08 | 1.16E-08 | 2.17E-07 | 4.69E-05 | 4.72E-05 | 1.6E-08 | 4.9E-08 | 2.9E-08 | 2.6E-08 | 1.2E-08 | 5.9E-11 | 1.4E-09 | 7.4E-10 | 6.7E-10 | 2.0E-10 | 3.1E-09 |
| 229 | 641414.56 | 4290266.75 | 641414.56, 429K | 2.34911 | 2.34928 | 2.34911 | 2.45673 | 9.12E-08 | 1.30E-08 | 2.44E-07 | 5.31E-05 | 5.35E-05 | 1.9E-08 | 5.6E-08 | 3.2E-08 | 2.9E-08 | 1.3E-08 | 6.7E-11 | 1.6E-09 | 8.4E-10 | 7.6E-10 | 2.3E-10 | 3.5E-09 |
| 230 | 641454.56 | 4290266.75 | 641454.56, 429K | 2.62794 | 2.62812 | 2.62794 | 2.78733 | 9.08E-08 | 1.45E-08 | 2.72E-07 | 6.03E-05 | 6.06E-05 | 2.1E-08 | 6.3E-08 | 3.7E-08 | 3.3E-08 | 1.5E-08 | 7.6E-11 | 1.8E-09 | 9.5E-10 | 8.6E-10 | 2.6E-10 | 4.0E-09 |
| 231 | 641494.56 | 4290266.75 | 641494.56, 429K | 2.93458 | 2.93458 | 2.93458 | 3.159   | 1.01E-07 | 1.62E-08 | 3.04E-07 | 6.83E-05 | 6.87E-05 | 2.4E-08 | 7.2E-08 | 4.2E-08 | 3.8E-08 | 1.7E-08 | 8.7E-11 | 2.1E-09 | 1.1E-09 | 9.8E-10 | 3.0E-10 | 4.5E-09 |
| 232 | 641534.56 | 4290266.75 | 641534.56, 429K | 3.2698  | 3.26999 | 3.2698  | 3.57206 | 1.13E-07 | 1.81E-08 | 3.39E-07 | 7.72E-05 | 7.77E-05 | 2.7E-08 | 8.1E-08 | 4.7E-08 | 4.3E-08 | 1.9E-08 | 9.8E-11 | 2.4E-09 | 1.2E-09 | 1.1E-09 | 3.3E-10 | 5.1E-09 |
| 233 | 641574.56 | 4290266.75 | 641574.56, 429K | 3.63613 | 3.63613 | 3.63613 | 4.0301  | 1.26E-07 | 2.01E-08 | 3.77E-07 | 8.71E-05 | 8.77E-05 | 3.0E-08 | 9.2E-08 | 5.3E-08 | 4.8E-08 | 2.2E-08 | 1.1E-10 | 2.7E-09 | 1.4E-09 | 1.2E-09 | 3.8E-10 | 5.8E-09 |
| 234 | 641614.56 | 4290266.75 | 641614.56, 429K | 4.03153 | 4.03172 | 4.03153 | 4.53839 | 1.39E-07 | 2.23E-08 | 4.18E-07 | 9.81E-05 | 9.87E-05 | 3.4E-08 | 1.0E-07 | 6.0E-08 | 5.4E-08 | 2.5E-08 | 1.2E-10 | 3.0E-09 | 1.5E-09 | 1.4E-09 | 4.3E-10 | 6.5E-09 |
| 235 | 641654.56 | 4290266.75 | 641654.56, 429K | 4.44416 | 4.44416 | 4.44416 | 5.08726 | 1.54E-07 | 2.46E-08 | 4.61E-07 | 1.10E-04 | 1.11E-04 | 3.8E-08 | 1.2E-07 | 6.7E-08 | 6.1E-08 | 2.8E-08 | 1.4E-10 | 3.4E-09 | 1.7E-09 | 1.6E-09 | 4.8E-10 | 7.3E-09 |
| 236 | 641694.56 | 4290266.75 | 641694.56, 429K | 4.86504 | 4.86521 | 4.86504 | 5.63623 | 1.68E-07 | 2.69E-08 | 5.04E-07 | 1.22E-04 | 1.23E-04 | 4.2E-08 | 1.3E-07 | 7.4E-08 | 6.7E-08 | 3.1E-08 | 1.5E-10 | 3.7E-09 | 1.9E-09 | 1.7E-09 | 5.3E-10 | 8.1E-09 |
| 237 | 641734.56 | 4290266.75 | 641734.56, 429K | 5.33816 | 5.33816 | 5.33816 | 6.1975  | 1.85E-07 | 2.95E-08 | 5.54E-07 | 1.34E-04 | 1.35E-04 | 4.7E-08 | 1.4E-07 | 8.2E-08 | 7.4E-08 | 3.4E-08 | 1.7E-10 | 4.1E-09 | 2.1E-09 | 1.9E-09 | 5.8E-10 | 8.9E-09 |
| 238 | 641774.56 | 4290266.75 | 641774.56, 429K | 5.91818 | 5.91843 | 5.91818 | 6.89832 | 2.05E-07 | 3.27E-08 | 6.14E-07 | 1.49E-04 | 1.50E-04 | 5.2E-08 | 1.6E-07 | 9.1E-08 | 8.2E-08 | 3.8E-08 | 1.9E-10 | 4.6E-09 | 2.4E-09 | 2.1E-09 | 6.5E-10 | 9.9E-09 |
| 239 | 641814.56 | 4290266.75 | 641814.56, 429K | 6.53694 | 6.53694 | 6.53694 | 7.80688 | 2.18E-07 | 3.62E-08 | 6.78E-07 | 1.69E-04 | 1.70E-04 | 5.9E-08 | 1.8E-07 | 1.0E-07 | 9.3E-08 | 4.2E-08 | 2.1E-10 | 5.2E-09 | 2.7E-09 | 2.4E-09 | 7.3E-10 | 1.1E-08 |
| 240 | 641854.56 | 4290266.75 | 641854.56, 429K | 6.95565 | 6.95553 | 6.95565 | 8.58621 | 2.40E-07 | 3.85E-08 | 7.21E-07 | 1.86E-04 | 1.87E-04 | 6.5E-08 | 2.0E-07 | 1.1E-07 | 1.0E-07 | 4.7E-08 | 2.4E-10 | 5.7E-09 | 2.9E-09 | 2.7E-09 | 8.0E-10 | 1.2E-08 |
| 241 | 641894.56 | 4290266.75 | 641894.56, 429K | 6.94817 | 6.94817 | 6.94817 | 8.69338 | 2.40E-07 | 3.84E-08 | 7.20E-07 | 1.88E-04 | 1.89E-04 | 6.5E-08 | 2.0E-07 | 1.1E-07 | 1.0E-07 | 4.7E-08 | 2.4E-10 | 5.8E-09 | 3.0E-09 | 2.7E-09 | 8.1E-10 | 1.2E-08 |
| 242 | 641934.56 | 4290266.75 | 641934.56, 429K | 6.51816 | 6.51848 | 6.51816 | 8.04641 | 2.25E-07 | 3.60E-08 | 6.76E-07 | 1.74E-04 | 1.75E-04 | 6.1E-08 | 1.8E-07 | 1.1E-07 | 9.6E-08 | 4.4E-08 | 2.2E-10 | 5.3E-09 | 2.7E-09 | 2.5E-09 | 7.5E-10 | 1.2E-08 |
| 243 | 641974.56 | 4290266.75 | 641974.56, 429K | 5.83974 | 5.83974 | 5.83974 | 7.01162 | 2.02E-07 | 3.23E-08 | 6.06E-07 | 1.52E-04 | 1.52E-04 | 5.3E-08 | 1.6E-07 | 9.2E-08 | 8.4E-08 | 3.8E-08 | 1.9E-10 | 4.6E-09 | 2.4E-09 | 2.2E-09 | 6.6E-10 | 1.0E-08 |
| 244 | 642014.56 | 4290266.75 | 642014.56, 429K | 5.09213 | 5.09213 | 5.09213 | 5.93367 | 1.76E-07 | 2.82E-08 | 5.28E-07 | 1.28E-04 | 1.29E-04 | 3.7E-08 | 1.1E-07 | 6.5E-08 | 5.9E-08 | 2.7E-08 | 1.4E-10 | 3.3E-09 | 1.7E-09 | 1.5E-09 | 4.7E-10 | 7.1E-09 |
| 245 | 642054.56 | 4290266.75 | 642054.56, 429K | 4.38331 | 4.38331 | 4.38331 | 4.96917 | 1.52E-07 | 2.42E-08 | 4.55E-07 |          |          |         |         |         |         |         |         |         |         |         |         |         |



|     |           |            |                 |          |          |          |          |          |          |          |          |          |         |         |         |         |         |         |         |         |         |         |         |
|-----|-----------|------------|-----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 312 | 642174.56 | 4290346.75 | 642174.56, 429K | 2.78194  | 2.78157  | 2.78194  | 2.88153  | 9.62E-08 | 1.54E-08 | 2.88E-07 | 6.23E-05 | 6.27E-05 | 2.2E-08 | 6.6E-08 | 3.8E-08 | 3.4E-08 | 1.6E-08 | 7.9E-11 | 1.9E-09 | 9.8E-10 | 8.9E-10 | 2.7E-10 | 4.1E-09 |
| 313 | 642214.56 | 4290346.75 | 642214.56, 429K | 2.37208  | 2.37208  | 2.37237  | 2.43143  | 8.20E-08 | 1.31E-08 | 2.46E-07 | 5.26E-05 | 5.29E-05 | 1.8E-08 | 5.5E-08 | 3.2E-08 | 2.9E-08 | 1.3E-08 | 6.7E-11 | 1.6E-09 | 8.3E-10 | 7.5E-10 | 2.3E-10 | 3.5E-09 |
| 314 | 642254.56 | 4290346.75 | 642254.56, 429K | 2.04529  | 2.04506  | 2.04529  | 2.08101  | 7.07E-08 | 1.13E-08 | 2.12E-07 | 4.50E-05 | 4.53E-05 | 1.6E-08 | 4.7E-08 | 2.7E-08 | 2.5E-08 | 1.1E-08 | 5.7E-11 | 1.4E-09 | 7.1E-10 | 6.4E-10 | 2.0E-10 | 3.0E-09 |
| 315 | 642294.56 | 4290346.75 | 642294.56, 429K | 1.7808   | 1.78061  | 1.7808   | 1.80318  | 6.16E-08 | 9.85E-09 | 1.85E-07 | 3.90E-05 | 3.92E-05 | 1.4E-08 | 4.1E-08 | 2.4E-08 | 2.2E-08 | 9.8E-09 | 4.9E-11 | 1.2E-09 | 6.2E-10 | 5.6E-10 | 1.7E-10 | 2.6E-09 |
| 316 | 642334.56 | 4290346.75 | 642334.56, 429K | 1.56465  | 1.56449  | 1.56465  | 1.57937  | 5.41E-08 | 8.65E-09 | 1.62E-07 | 3.42E-05 | 3.44E-05 | 1.2E-08 | 3.6E-08 | 2.1E-08 | 1.9E-08 | 8.6E-09 | 4.3E-11 | 1.0E-09 | 5.4E-10 | 4.9E-10 | 1.5E-10 | 2.3E-09 |
| 317 | 642374.56 | 4290346.75 | 642374.56, 429K | 1.38567  | 1.38555  | 1.38567  | 1.39591  | 4.79E-08 | 7.66E-09 | 1.44E-07 | 3.02E-05 | 3.04E-05 | 1.1E-08 | 3.2E-08 | 1.8E-08 | 1.7E-08 | 7.6E-09 | 3.8E-11 | 9.3E-10 | 4.8E-10 | 4.3E-10 | 1.3E-10 | 2.0E-09 |
| 318 | 642414.56 | 4290346.75 | 642414.56, 429K | 1.23688  | 1.23677  | 1.23688  | 1.24438  | 4.28E-08 | 6.84E-09 | 1.28E-07 | 2.69E-05 | 2.71E-05 | 9.4E-09 | 2.8E-08 | 1.6E-08 | 1.5E-08 | 6.8E-09 | 3.4E-11 | 8.3E-10 | 4.2E-10 | 3.9E-10 | 1.2E-10 | 1.8E-09 |
| 319 | 642454.56 | 4290346.75 | 642454.56, 429K | 1.11279  | 1.1127   | 1.11279  | 1.11849  | 3.85E-08 | 6.15E-09 | 1.15E-07 | 2.42E-05 | 2.43E-05 | 8.4E-09 | 2.5E-08 | 1.5E-08 | 1.3E-08 | 6.1E-09 | 3.1E-11 | 7.4E-10 | 3.8E-10 | 3.5E-10 | 1.0E-10 | 1.6E-09 |
| 320 | 642494.56 | 4290346.75 | 642494.56, 429K | 1.00744  | 1.00736  | 1.00744  | 1.01185  | 3.48E-08 | 5.57E-09 | 1.04E-07 | 2.19E-05 | 2.20E-05 | 7.6E-09 | 2.3E-08 | 1.3E-08 | 1.2E-08 | 5.5E-09 | 2.8E-11 | 6.7E-10 | 3.5E-10 | 3.1E-10 | 9.5E-11 | 1.5E-09 |
| 321 | 642534.56 | 4290346.75 | 642534.56, 429K | 0.91703  | 0.91697  | 0.91703  | 0.92041  | 3.17E-08 | 5.07E-09 | 9.51E-08 | 1.99E-05 | 2.00E-05 | 6.9E-09 | 2.1E-08 | 1.2E-08 | 1.1E-08 | 5.0E-09 | 2.5E-11 | 6.1E-10 | 3.1E-10 | 2.8E-10 | 8.6E-11 | 1.3E-09 |
| 322 | 642574.56 | 4290346.75 | 642574.56, 429K | 0.83849  | 0.83844  | 0.83849  | 0.84102  | 2.90E-08 | 4.64E-09 | 8.69E-08 | 1.82E-05 | 1.83E-05 | 6.3E-09 | 1.9E-08 | 1.1E-08 | 1.0E-08 | 4.6E-09 | 2.3E-11 | 5.6E-10 | 2.9E-10 | 2.6E-10 | 7.9E-11 | 1.2E-09 |
| 323 | 642614.56 | 4290346.75 | 642614.56, 429K | 0.74052  | 0.74048  | 0.74052  | 0.75743  | 2.56E-08 | 4.09E-09 | 7.68E-08 | 1.64E-05 | 1.65E-05 | 5.7E-09 | 1.7E-08 | 1.0E-08 | 9.0E-09 | 4.1E-09 | 2.1E-11 | 5.0E-10 | 2.6E-10 | 2.3E-10 | 7.1E-11 | 1.1E-09 |
| 324 | 641374.56 | 4290386.75 | 641374.56, 429K | 2.69188  | 2.69217  | 2.69188  | 2.70607  | 9.30E-08 | 1.49E-08 | 2.79E-07 | 5.85E-05 | 5.89E-05 | 2.0E-08 | 6.2E-08 | 3.6E-08 | 3.2E-08 | 1.5E-08 | 7.4E-11 | 1.8E-09 | 9.2E-10 | 8.4E-10 | 2.5E-10 | 3.9E-09 |
| 325 | 641414.56 | 4290386.75 | 641414.56, 429K | 3.14389  | 3.14425  | 3.14389  | 3.18582  | 1.09E-07 | 1.74E-08 | 3.26E-07 | 6.89E-05 | 6.93E-05 | 2.4E-08 | 7.2E-08 | 4.2E-08 | 3.8E-08 | 1.7E-08 | 8.7E-11 | 2.1E-09 | 1.1E-09 | 9.9E-10 | 3.0E-10 | 4.6E-09 |
| 326 | 641454.56 | 4290386.75 | 641454.56, 429K | 3.70633  | 3.70677  | 3.70633  | 3.80582  | 1.28E-07 | 2.05E-08 | 3.84E-07 | 8.23E-05 | 8.28E-05 | 2.9E-08 | 8.7E-08 | 5.0E-08 | 4.5E-08 | 2.1E-08 | 1.0E-10 | 2.5E-09 | 1.3E-09 | 1.2E-09 | 3.6E-10 | 5.5E-09 |
| 327 | 641494.56 | 4290386.75 | 641494.56, 429K | 4.39302  | 4.39354  | 4.39302  | 4.60813  | 1.52E-07 | 2.43E-08 | 4.56E-07 | 9.96E-05 | 1.00E-04 | 3.5E-08 | 1.0E-07 | 6.1E-08 | 5.5E-08 | 2.5E-08 | 1.3E-10 | 3.1E-09 | 1.6E-09 | 1.4E-09 | 4.3E-10 | 6.6E-09 |
| 328 | 641534.56 | 4290386.75 | 641534.56, 429K | 5.23528  | 5.23586  | 5.23528  | 5.65119  | 1.81E-07 | 2.90E-08 | 5.43E-07 | 1.22E-04 | 1.23E-04 | 4.3E-08 | 1.3E-07 | 7.4E-08 | 6.7E-08 | 3.1E-08 | 1.6E-10 | 3.7E-09 | 1.9E-09 | 1.7E-09 | 5.3E-10 | 8.1E-09 |
| 329 | 641574.56 | 4290386.75 | 641574.56, 429K | 6.24926  | 6.24991  | 6.24926  | 6.89551  | 2.16E-07 | 3.46E-08 | 6.48E-07 | 1.51E-04 | 1.52E-04 | 5.3E-08 | 1.6E-07 | 9.2E-08 | 8.3E-08 | 3.8E-08 | 1.9E-10 | 4.6E-09 | 2.4E-09 | 2.2E-09 | 6.5E-10 | 1.0E-08 |
| 330 | 641614.56 | 4290386.75 | 641614.56, 429K | 7.43023  | 7.43092  | 7.43023  | 8.63095  | 2.57E-07 | 4.11E-08 | 7.70E-07 | 1.87E-04 | 1.88E-04 | 6.5E-08 | 2.0E-07 | 1.1E-07 | 1.0E-07 | 4.7E-08 | 2.4E-10 | 5.7E-09 | 2.9E-09 | 2.7E-09 | 8.1E-10 | 1.2E-08 |
| 331 | 641654.56 | 4290386.75 | 641654.56, 429K | 8.77093  | 8.77161  | 8.77093  | 10.60296 | 3.03E-07 | 4.85E-08 | 9.09E-07 | 2.29E-04 | 2.31E-04 | 8.0E-08 | 2.4E-07 | 1.4E-07 | 1.3E-07 | 5.8E-08 | 2.9E-10 | 7.0E-09 | 3.6E-09 | 3.3E-09 | 9.9E-10 | 1.5E-08 |
| 332 | 641694.56 | 4290386.75 | 641694.56, 429K | 10.22739 | 10.22739 | 10.22739 | 12.87854 | 3.53E-07 | 5.66E-08 | 1.06E-06 | 2.78E-04 | 2.80E-04 | 9.7E-08 | 2.9E-07 | 1.7E-07 | 1.5E-07 | 7.0E-08 | 3.5E-10 | 8.5E-09 | 4.4E-09 | 4.0E-09 | 1.2E-09 | 1.8E-08 |
| 333 | 641734.56 | 4290386.75 | 641734.56, 429K | 11.90632 | 11.90712 | 11.90632 | 15.344   | 4.12E-07 | 6.58E-08 | 1.23E-06 | 3.32E-04 | 3.33E-04 | 1.2E-07 | 3.5E-07 | 2.0E-07 | 1.8E-07 | 8.3E-08 | 4.2E-10 | 1.0E-08 | 5.2E-09 | 4.7E-09 | 1.4E-09 | 2.2E-08 |
| 334 | 641774.56 | 4290386.75 | 641774.56, 429K | 13.94789 | 13.94789 | 13.94789 | 18.59391 | 4.82E-07 | 7.71E-08 | 1.45E-06 | 4.02E-04 | 4.04E-04 | 1.4E-07 | 4.2E-07 | 2.4E-07 | 2.2E-07 | 1.0E-07 | 5.1E-10 | 1.2E-08 | 6.3E-09 | 5.7E-09 | 1.7E-09 | 2.7E-08 |
| 335 | 641814.56 | 4290386.75 | 641814.56, 429K | 15.1877  | 15.18691 | 15.1877  | 21.34621 | 5.25E-07 | 8.40E-08 | 1.57E-06 | 4.62E-04 | 4.64E-04 | 1.6E-07 | 4.8E-07 | 2.8E-07 | 2.5E-07 | 1.2E-07 | 5.8E-10 | 1.4E-08 | 7.3E-09 | 6.6E-09 | 2.0E-09 | 3.1E-08 |
| 336 | 641854.56 | 4290386.75 | 641854.56, 429K | 14.34365 | 14.34148 | 14.34365 | 19.90721 | 4.96E-07 | 7.93E-08 | 1.49E-06 | 4.30E-04 | 4.33E-04 | 1.5E-07 | 4.5E-07 | 2.6E-07 | 2.4E-07 | 1.1E-07 | 5.5E-10 | 1.3E-08 | 6.8E-09 | 6.1E-09 | 1.9E-09 | 2.9E-08 |
| 337 | 641894.56 | 4290386.75 | 641894.56, 429K | 12.0861  | 12.08365 | 12.0861  | 15.76425 | 4.18E-07 | 6.68E-08 | 1.25E-06 | 3.41E-04 | 3.43E-04 | 1.2E-07 | 3.6E-07 | 2.1E-07 | 1.9E-07 | 8.6E-08 | 4.3E-10 | 1.0E-08 | 5.4E-09 | 4.9E-09 | 1.5E-09 | 2.3E-08 |
| 338 | 641934.56 | 4290386.75 | 641934.56, 429K | 9.6599   | 9.65784  | 9.6599   | 11.81022 | 3.34E-07 | 5.34E-08 | 1.00E-06 | 2.55E-04 | 2.57E-04 | 8.9E-08 | 2.7E-07 | 1.6E-07 | 1.4E-07 | 6.4E-08 | 3.2E-10 | 7.8E-09 | 4.0E-09 | 3.7E-09 | 1.1E-09 | 1.7E-08 |
| 339 | 641974.56 | 4290386.75 | 641974.56, 429K | 7.62302  | 7.62145  | 7.62302  | 8.83262  | 2.63E-07 | 4.21E-08 | 7.90E-07 | 1.91E-04 | 1.92E-04 | 6.6E-08 | 2.0E-07 | 1.2E-07 | 1.1E-07 | 4.8E-08 | 2.4E-10 | 5.9E-09 | 3.0E-09 | 2.7E-09 | 8.3E-10 | 1.3E-08 |
| 340 | 642014.56 | 4290386.75 | 642014.56, 429K | 6.04912  | 6.04796  | 6.04912  | 6.71828  | 2.09E-07 | 3.34E-08 | 6.27E-07 | 1.45E-04 | 1.46E-04 | 5.1E-08 | 1.5E-07 | 8.8E-08 | 8.0E-08 | 3.7E-08 | 1.8E-10 | 4.5E-09 | 2.3E-09 | 2.1E-09 | 6.3E-10 | 9.6E-09 |
| 341 | 642054.56 | 4290386.75 | 642054.56, 429K | 4.854    | 4.85314  | 4.854    | 5.22119  | 1.68E-07 | 2.68E-08 | 5.03E-07 | 1.13E-04 | 1.14E-04 | 3.9E-08 | 1.2E-07 | 6.9E-08 | 6.2E-08 | 2.8E-08 | 1.4E-10 | 3.5E-09 | 1.8E-09 | 1.6E-09 | 4.9E-10 | 7.5E-09 |
| 342 | 642094.56 | 4290386.75 | 642094.56, 429K | 3.94979  | 3.94979  | 3.94979  | 4.15227  | 1.37E-07 | 2.18E-08 | 4.10E-07 | 8.98E-05 | 9.04E-05 | 3.1E-08 | 9.4E-08 | 5.5E-08 | 5.0E-08 | 2.3E-08 | 1.1E-10 | 2.8E-09 | 1.4E-09 | 1.3E-09 | 3.9E-10 | 6.0E-09 |
| 343 | 642134.56 | 4290386.75 | 642134.56, 429K | 3.25882  | 3.25884  | 3.25882  | 3.37254  | 1.13E-07 | 1.80E-08 | 3.38E-07 | 7.29E-05 | 7.34E-05 | 2.5E-08 | 7.7E-08 | 4.4E-08 | 4.0E-08 | 1.8E-08 | 9.3E-11 | 2.2E-09 | 1.2E-09 | 1.0E-09 | 3.2E-10 | 4.8E-09 |
| 344 | 642174.56 | 4290386.75 | 642174.56, 429K | 2.73295  | 2.73295  | 2.73295  | 2.79945  | 9.45E-08 | 1.51E-08 | 2.83E-07 | 6.05E-05 | 6.09E-05 | 2.1E-08 | 6.4E-08 | 3.7E-08 | 3.3E-08 | 1.5E-08 | 7.7E-11 | 1.9E-09 | 9.6E-10 | 8.7E-10 | 2.6E-10 | 4.0E-09 |
| 345 | 642214.56 | 4290386.75 | 642214.56, 429K | 2.32321  | 2.32322  | 2.32321  | 2.36416  | 8.03E-08 | 1.28E-08 | 2.41E-07 | 5.11E-05 | 5.15E-05 | 1.8E-08 | 5.4E-08 | 3.1E-08 | 2.8E-08 | 1.3E-08 | 6.5E-11 | 1.6E-09 | 8.1E-10 | 7.3E-10 | 2.2E-10 | 3.4E-09 |
| 346 | 642254.56 | 4290386.75 | 642254.56, 429K | 2.00007  | 1.99984  | 2.00007  | 2.02687  | 6.91E-08 | 1.11E-08 | 2.07E-07 | 4.38E-05 | 4.41E-05 | 1.5E-08 | 4.6E-08 | 2.7E-08 | 2.4E-08 | 1.1E-08 | 5.6E-11 | 1.3E-09 | 6.9E-10 | 6.3E-10 | 1.9E-10 | 2.9E-09 |
| 347 | 642294.56 | 4290386.75 | 642294.56, 429K | 1.74086  | 1.74067  | 1.74086  | 1.75947  | 6.02E-08 | 9.63E-09 | 1.81E-07 | 3.80E-05 | 3.83E-05 | 1.3E-08 | 4.0E-08 | 2.3E-08 | 2.1E-08 | 9.6E-09 | 4.8E-11 | 1.2E-09 | 6.0E-10 | 5.4E-10 | 1.6E-10 | 2.5E-09 |
| 348 | 642334.56 | 4290386.75 | 642334.56, 429K | 1.52985  | 1.5297   | 1.52985  | 1.5434   | 5.29E-08 | 8.46E-09 | 1.59E-07 | 3.34E-05 | 3.36E-05 | 1.2E-08 | 3.5E-08 | 2.0E-08 | 1.8E-08 | 8.4E-09 | 4.2E-11 | 1.0E-09 | 5.3E-10 | 4.8E-10 | 1.4E-10 | 2.2E-09 |
| 349 | 642374.56 | 4290386.75 | 642374.56, 429K | 1.35647  | 1.35635  | 1.35647  | 1.36662  | 4.69E-08 | 7.50E-09 | 1.41E-07 | 2.96E-05 | 2.97E-05 | 1.0E-08 | 3.1E-08 | 1.8E-08 | 1.6E-08 | 7.4E-09 | 3.8E-11 | 9.1E-10 | 4.7E-10 | 4.2E-10 | 1.3E-10 | 2.0E-09 |
| 350 | 642414.56 | 4290386.75 | 642414.56, 429K | 1.21195  | 1.21185  | 1.21195  | 1.21963  | 4.19E-08 | 6.70E-09 | 1.26E-07 | 2.64E-05 | 2.65E-05 | 9.2E-09 | 2.8E-08 | 1.6E-08 | 1.5E-08 | 6.6E-09 | 3.3E-11 | 8.1E-10 | 4.2E-10 | 3.8E-10 | 1.1E-10 | 1.8E-09 |
| 351 | 642454.56 | 4290386.75 | 642454.56, 429K | 1.09192  | 1.09183  | 1.09192  | 1.09772  | 3.77E-08 | 6.04E-09 | 1.13E-07 | 2.37E-05 | 2.39E-05 | 8.3E-09 | 2.5E-08 | 1.4E-08 | 1.3E-08 | 6.0E-09 | 3.0E-11 | 7.3E-10 | 3.7E-10 | 3.4E-10 | 1.0E-10 | 1.6E-09 |
| 352 | 642494.56 | 4290386.75 | 642494.56, 429K | 0.9898   | 0.98973  | 0.9898   | 0.9941   | 3.4      |          |          |          |          |         |         |         |         |         |         |         |         |         |         |         |



|     |           |            |           |      |          |          |  |          |  |          |  |          |          |          |          |          |         |         |         |         |         |         |         |         |         |         |         |
|-----|-----------|------------|-----------|------|----------|----------|--|----------|--|----------|--|----------|----------|----------|----------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 419 | 642614.56 | 4290466.75 | 642614.56 | 429C | 0.74082  | 0.74078  |  | 0.74082  |  | 0.74183  |  | 2.56E-08 | 4.10E-09 | 7.68E-08 | 1.60E-05 | 1.61E-05 | 5.6E-09 | 1.7E-08 | 9.8E-09 | 8.9E-09 | 4.0E-09 | 2.0E-11 | 4.9E-10 | 2.5E-10 | 2.3E-10 | 7.0E-11 | 1.1E-09 |
| 420 | 641920.09 | 4290522.63 | 641920.09 | 429C | 12.22264 | 12.22264 |  | 13.3804  |  | 13.3804  |  | 4.42E-07 | 6.76E-08 | 1.27E-06 | 2.89E-04 | 2.91E-04 | 1.0E-07 | 3.0E-07 | 1.8E-07 | 1.6E-07 | 7.3E-08 | 3.7E-10 | 8.9E-09 | 4.6E-09 | 4.1E-09 | 1.3E-09 | 1.9E-08 |
| 421 | 641960.09 | 4290522.63 | 641960.09 | 429C | 8.51149  | 8.50926  |  | 8.51149  |  | 9.07679  |  | 2.94E-07 | 4.71E-08 | 8.83E-07 | 1.96E-04 | 1.97E-04 | 6.8E-08 | 2.1E-07 | 1.2E-07 | 1.1E-07 | 4.9E-08 | 2.5E-10 | 6.0E-09 | 3.1E-09 | 2.8E-09 | 8.5E-10 | 1.3E-08 |
| 422 | 642000.09 | 4290522.63 | 642000.09 | 429C | 6.28649  | 6.28649  |  | 6.28649  |  | 6.60877  |  | 2.17E-07 | 3.48E-08 | 6.52E-07 | 1.43E-04 | 1.44E-04 | 5.0E-08 | 1.5E-07 | 8.7E-08 | 7.9E-08 | 3.6E-08 | 1.8E-10 | 4.4E-09 | 2.3E-09 | 2.0E-09 | 6.2E-10 | 9.5E-09 |
| 423 | 642040.09 | 4290522.63 | 642040.09 | 429C | 4.85395  | 4.85302  |  | 4.85395  |  | 5.05609  |  | 1.68E-07 | 2.68E-08 | 5.03E-07 | 1.09E-04 | 1.10E-04 | 3.8E-08 | 1.2E-07 | 6.7E-08 | 6.0E-08 | 2.8E-08 | 1.4E-10 | 3.4E-09 | 1.7E-09 | 1.6E-09 | 4.7E-10 | 7.3E-09 |
| 424 | 642080.09 | 4290522.63 | 642080.09 | 429C | 3.8748   | 3.8748   |  | 4.00938  |  | 4.00938  |  | 1.34E-07 | 2.14E-08 | 4.02E-07 | 8.67E-05 | 8.73E-05 | 3.0E-08 | 9.1E-08 | 5.3E-08 | 4.8E-08 | 2.2E-08 | 1.1E-10 | 2.7E-09 | 1.4E-09 | 1.2E-09 | 3.8E-10 | 5.8E-09 |
| 425 | 642120.09 | 4290522.63 | 642120.09 | 429C | 3.17163  | 3.17115  |  | 3.17163  |  | 3.2645   |  | 1.10E-07 | 1.75E-08 | 3.29E-07 | 7.06E-05 | 7.10E-05 | 2.5E-08 | 7.4E-08 | 4.3E-08 | 3.9E-08 | 1.8E-08 | 9.0E-11 | 2.2E-09 | 1.1E-09 | 1.0E-09 | 3.1E-10 | 4.7E-09 |
| 426 | 642160.09 | 4290522.63 | 642160.09 | 429C | 2.65042  | 2.65042  |  | 2.7163   |  | 2.7163   |  | 9.16E-08 | 1.47E-08 | 2.75E-07 | 5.87E-05 | 5.91E-05 | 2.0E-08 | 6.2E-08 | 3.6E-08 | 3.2E-08 | 1.5E-08 | 7.5E-11 | 1.8E-09 | 9.3E-10 | 8.4E-10 | 2.5E-10 | 3.9E-09 |
| 427 | 642200.09 | 4290522.63 | 642200.09 | 429C | 2.25332  | 2.25304  |  | 2.30114  |  | 2.30114  |  | 7.79E-08 | 1.25E-08 | 2.34E-07 | 4.98E-05 | 5.01E-05 | 1.7E-08 | 5.2E-08 | 3.0E-08 | 2.7E-08 | 1.3E-08 | 6.3E-11 | 1.5E-09 | 7.9E-10 | 7.1E-10 | 2.2E-10 | 3.3E-09 |
| 428 | 642240.09 | 4290522.63 | 642240.09 | 429C | 1.94287  | 1.94265  |  | 1.97819  |  | 1.97819  |  | 6.72E-08 | 1.07E-08 | 2.01E-07 | 4.28E-05 | 4.31E-05 | 1.5E-08 | 4.5E-08 | 2.6E-08 | 2.4E-08 | 1.1E-08 | 5.4E-11 | 1.3E-09 | 6.8E-10 | 6.1E-10 | 1.9E-10 | 2.8E-09 |
| 429 | 642280.09 | 4290522.63 | 642280.09 | 429C | 1.69554  | 1.69536  |  | 1.69554  |  | 1.72202  |  | 5.86E-08 | 9.38E-09 | 1.76E-07 | 3.72E-05 | 3.75E-05 | 1.3E-08 | 3.9E-08 | 2.3E-08 | 2.1E-08 | 9.4E-09 | 4.7E-11 | 1.1E-09 | 5.9E-10 | 5.3E-10 | 1.6E-10 | 2.5E-09 |
| 430 | 642320.09 | 4290522.63 | 642320.09 | 429C | 1.4949   | 1.49475  |  | 1.4949   |  | 1.51501  |  | 5.17E-08 | 8.27E-09 | 1.55E-07 | 3.28E-05 | 3.30E-05 | 1.1E-08 | 3.4E-08 | 2.0E-08 | 1.8E-08 | 8.3E-09 | 4.2E-11 | 1.0E-09 | 5.2E-10 | 4.7E-10 | 1.4E-10 | 2.2E-09 |
| 431 | 642360.09 | 4290522.63 | 642360.09 | 429C | 1.32931  | 1.32919  |  | 1.34473  |  | 1.34473  |  | 4.59E-08 | 7.35E-09 | 1.38E-07 | 2.91E-05 | 2.93E-05 | 1.0E-08 | 3.1E-08 | 1.8E-08 | 1.6E-08 | 7.3E-09 | 3.7E-11 | 8.9E-10 | 4.6E-10 | 4.2E-10 | 1.3E-10 | 1.9E-09 |
| 432 | 642400.09 | 4290522.63 | 642400.09 | 429C | 1.19107  | 1.19097  |  | 1.19107  |  | 1.20299  |  | 4.12E-08 | 6.59E-09 | 1.24E-07 | 2.60E-05 | 2.62E-05 | 9.1E-09 | 2.7E-08 | 1.6E-08 | 1.4E-08 | 6.6E-09 | 3.3E-11 | 8.0E-10 | 4.1E-10 | 3.7E-10 | 1.1E-10 | 1.7E-09 |
| 433 | 642440.09 | 4290522.63 | 642440.09 | 429C | 1.07425  | 1.07417  |  | 1.07425  |  | 1.08352  |  | 3.71E-08 | 5.94E-09 | 1.11E-07 | 2.34E-05 | 2.36E-05 | 8.2E-09 | 2.5E-08 | 1.4E-08 | 1.3E-08 | 5.9E-09 | 3.0E-11 | 7.2E-10 | 3.7E-10 | 3.4E-10 | 1.0E-10 | 1.6E-09 |
| 434 | 642480.09 | 4290522.63 | 642480.09 | 429C | 0.97521  | 0.97514  |  | 0.97521  |  | 0.98247  |  | 3.37E-08 | 5.39E-09 | 1.01E-07 | 2.12E-05 | 2.14E-05 | 7.4E-09 | 2.2E-08 | 1.3E-08 | 1.2E-08 | 5.4E-09 | 2.7E-11 | 6.5E-10 | 3.4E-10 | 3.0E-10 | 9.2E-11 | 1.4E-09 |
| 435 | 642520.09 | 4290522.63 | 642520.09 | 429C | 0.89012  | 0.89005  |  | 0.89012  |  | 0.89583  |  | 3.08E-08 | 4.92E-09 | 9.23E-08 | 1.94E-05 | 1.95E-05 | 6.7E-09 | 2.0E-08 | 1.2E-08 | 1.1E-08 | 4.9E-09 | 2.5E-11 | 5.9E-10 | 3.1E-10 | 2.8E-10 | 8.4E-11 | 1.3E-09 |
| 436 | 642560.09 | 4290522.63 | 642560.09 | 429C | 0.81644  | 0.81639  |  | 0.81644  |  | 0.82095  |  | 2.82E-08 | 4.51E-09 | 8.47E-08 | 1.78E-05 | 1.79E-05 | 6.2E-09 | 1.9E-08 | 1.1E-08 | 9.8E-09 | 4.5E-09 | 2.3E-11 | 5.4E-10 | 2.8E-10 | 2.5E-10 | 7.7E-11 | 1.2E-09 |
| 437 | 642600.09 | 4290522.63 | 642600.09 | 429C | 0.75216  | 0.75211  |  | 0.75216  |  | 0.75572  |  | 2.60E-08 | 4.16E-09 | 7.80E-08 | 1.63E-05 | 1.64E-05 | 5.7E-09 | 1.7E-08 | 1.0E-08 | 9.0E-09 | 4.1E-09 | 2.1E-11 | 5.0E-10 | 2.6E-10 | 2.3E-10 | 7.1E-11 | 1.1E-09 |
| 438 | 641920.09 | 4290562.63 | 641920.09 | 429C | 11.63819 | 11.63454 |  | 11.63819 |  | 12.83358 |  | 4.02E-07 | 6.43E-08 | 1.21E-06 | 2.78E-04 | 2.79E-04 | 9.7E-08 | 2.9E-07 | 1.7E-07 | 1.5E-07 | 7.0E-08 | 3.5E-10 | 8.5E-09 | 4.4E-09 | 4.0E-09 | 1.2E-09 | 1.8E-08 |
| 439 | 641960.09 | 4290562.63 | 641960.09 | 429C | 8.14972  | 8.14972  |  | 8.14972  |  | 8.79413  |  | 2.82E-07 | 4.51E-08 | 8.45E-07 | 1.90E-04 | 1.91E-04 | 6.6E-08 | 2.0E-07 | 1.2E-07 | 1.0E-07 | 4.8E-08 | 2.4E-10 | 5.8E-09 | 3.0E-09 | 2.7E-09 | 8.2E-10 | 1.3E-08 |
| 440 | 642000.09 | 4290562.63 | 642000.09 | 429C | 6.05914  | 6.05914  |  | 6.05914  |  | 6.44384  |  | 2.09E-07 | 3.35E-08 | 6.28E-07 | 1.39E-04 | 1.40E-04 | 4.9E-08 | 1.5E-07 | 8.5E-08 | 7.7E-08 | 3.5E-08 | 1.8E-10 | 4.3E-09 | 2.2E-09 | 2.0E-09 | 6.0E-10 | 9.2E-09 |
| 441 | 642040.09 | 4290562.63 | 642040.09 | 429C | 4.70311  | 4.70222  |  | 4.70311  |  | 4.94941  |  | 1.63E-07 | 2.60E-08 | 4.88E-07 | 1.07E-04 | 1.08E-04 | 3.7E-08 | 1.1E-07 | 6.5E-08 | 5.9E-08 | 2.7E-08 | 1.4E-10 | 3.3E-09 | 1.7E-09 | 1.5E-09 | 4.6E-10 | 7.1E-09 |
| 442 | 642080.09 | 4290562.63 | 642080.09 | 429C | 3.76965  | 3.76965  |  | 3.76965  |  | 3.93547  |  | 1.30E-07 | 2.08E-08 | 3.91E-07 | 8.51E-05 | 8.56E-05 | 3.0E-08 | 9.0E-08 | 5.2E-08 | 4.7E-08 | 2.1E-08 | 1.1E-10 | 2.6E-09 | 1.3E-09 | 1.2E-09 | 3.7E-10 | 5.6E-09 |
| 443 | 642120.09 | 4290562.63 | 642120.09 | 429C | 3.09804  | 3.09758  |  | 3.09804  |  | 3.21401  |  | 1.07E-07 | 1.71E-08 | 3.21E-07 | 6.95E-05 | 6.99E-05 | 2.4E-08 | 7.3E-08 | 4.2E-08 | 3.8E-08 | 1.8E-08 | 8.8E-11 | 2.1E-09 | 1.1E-09 | 9.9E-10 | 3.0E-10 | 4.6E-09 |
| 444 | 642160.09 | 4290562.63 | 642160.09 | 429C | 2.59683  | 2.59683  |  | 2.59683  |  | 2.68032  |  | 8.98E-08 | 1.44E-08 | 2.69E-07 | 5.80E-05 | 5.83E-05 | 2.0E-08 | 6.1E-08 | 3.5E-08 | 3.2E-08 | 1.5E-08 | 7.4E-11 | 1.8E-09 | 9.1E-10 | 8.3E-10 | 2.5E-10 | 3.8E-09 |
| 445 | 642200.09 | 4290562.63 | 642200.09 | 429C | 2.21467  | 2.21467  |  | 2.21467  |  | 2.27644  |  | 1.72E-08 | 1.22E-08 | 2.30E-07 | 4.92E-05 | 4.95E-05 | 1.7E-08 | 5.2E-08 | 3.0E-08 | 2.7E-08 | 1.2E-08 | 6.2E-11 | 1.5E-09 | 7.8E-10 | 7.0E-10 | 2.1E-10 | 3.3E-09 |
| 446 | 642240.09 | 4290562.63 | 642240.09 | 429C | 1.91365  | 1.91344  |  | 1.91365  |  | 1.96022  |  | 6.61E-08 | 1.06E-08 | 1.98E-07 | 4.24E-05 | 4.27E-05 | 1.5E-08 | 4.5E-08 | 2.6E-08 | 2.3E-08 | 1.1E-08 | 5.4E-11 | 1.3E-09 | 6.7E-10 | 6.1E-10 | 1.8E-10 | 2.8E-09 |
| 447 | 642280.09 | 4290562.63 | 642280.09 | 429C | 1.67272  | 1.67255  |  | 1.67272  |  | 1.70843  |  | 5.78E-08 | 9.25E-09 | 1.73E-07 | 3.69E-05 | 3.72E-05 | 1.3E-08 | 3.9E-08 | 2.2E-08 | 2.0E-08 | 9.3E-09 | 4.7E-11 | 1.1E-09 | 5.8E-10 | 5.3E-10 | 1.6E-10 | 2.5E-09 |
| 448 | 642320.09 | 4290562.63 | 642320.09 | 429C | 1.47666  | 1.47666  |  | 1.47666  |  | 1.50446  |  | 5.10E-08 | 8.17E-09 | 1.53E-07 | 3.25E-05 | 3.27E-05 | 1.1E-08 | 3.4E-08 | 2.0E-08 | 1.8E-08 | 8.2E-09 | 4.1E-11 | 1.0E-09 | 5.1E-10 | 4.7E-10 | 1.4E-10 | 2.2E-09 |
| 449 | 642360.09 | 4290562.63 | 642360.09 | 429C | 1.31477  | 1.31465  |  | 1.31477  |  | 1.3367   |  | 4.54E-08 | 7.27E-09 | 1.36E-07 | 2.89E-05 | 2.91E-05 | 1.0E-08 | 3.0E-08 | 1.8E-08 | 1.6E-08 | 7.3E-09 | 3.7E-11 | 8.9E-10 | 4.6E-10 | 4.1E-10 | 1.3E-10 | 1.9E-09 |
| 450 | 642400.09 | 4290562.63 | 642400.09 | 429C | 1.17942  | 1.17942  |  | 1.17942  |  | 1.19691  |  | 4.08E-08 | 6.52E-09 | 1.22E-07 | 2.59E-05 | 2.61E-05 | 9.0E-09 | 2.7E-08 | 1.6E-08 | 1.4E-08 | 6.5E-09 | 3.3E-11 | 7.9E-10 | 4.1E-10 | 3.7E-10 | 1.1E-10 | 1.7E-09 |
| 451 | 642440.09 | 4290562.63 | 642440.09 | 429C | 1.06499  | 1.06499  |  | 1.06499  |  | 1.07907  |  | 3.68E-08 | 5.89E-09 | 1.10E-07 | 2.33E-05 | 2.35E-05 | 8.1E-09 | 2.5E-08 | 1.4E-08 | 1.3E-08 | 5.9E-09 | 3.0E-11 | 7.2E-10 | 3.7E-10 | 3.3E-10 | 1.0E-10 | 1.5E-09 |
| 452 | 642480.09 | 4290562.63 | 642480.09 | 429C | 0.9674   | 0.96733  |  | 0.9674   |  | 0.97883  |  | 3.34E-08 | 5.35E-09 | 1.00E-07 | 2.12E-05 | 2.13E-05 | 7.4E-09 | 2.2E-08 | 1.3E-08 | 1.2E-08 | 5.3E-09 | 2.7E-11 | 6.5E-10 | 3.3E-10 | 3.0E-10 | 9.2E-11 | 1.4E-09 |
| 453 | 642520.09 | 4290562.63 | 642520.09 | 429C | 0.88339  | 0.88339  |  | 0.88339  |  | 0.89273  |  | 3.05E-08 | 4.88E-09 | 9.16E-08 | 1.93E-05 | 1.94E-05 | 6.7E-09 | 2.0E-08 | 1.2E-08 | 1.1E-08 | 4.9E-09 | 2.5E-11 | 5.9E-10 | 3.0E-10 | 2.8E-10 | 8.4E-11 | 1.3E-09 |
| 454 | 642560.09 | 4290562.63 | 642560.09 | 429C | 0.8104   | 0.8104   |  | 0.8104   |  | 0.81808  |  | 2.80E-08 | 4.48E-09 | 8.40E-08 | 1.77E-05 | 1.78E-05 | 6.2E-09 | 1.9E-08 | 1.1E-08 | 9.8E-09 | 4.5E-09 | 2.2E-11 | 5.4E-10 | 2.8E-10 | 2.5E-10 | 7.7E-11 | 1.2E-09 |
| 455 | 642600.09 | 4290562.63 | 642600.09 | 429C | 0.74647  | 0.74647  |  | 0.74647  |  | 0.75283  |  | 2.58E-08 | 4.13E-09 | 7.74E-08 | 1.63E-05 | 1.64E-05 | 5.7E-09 | 1.7E-08 | 9.9E-09 | 9.0E-09 | 4.1E-09 | 2.1E-11 | 5.0E-10 | 2.6E-10 | 2.3E-10 | 7.1E-11 | 1.1E-09 |
| 456 | 641920.09 | 4290602.63 | 641920.09 | 429C | 11.12075 | 11.11734 |  | 11.12075 |  | 12.3343  |  | 3.84E-07 | 6.15E-08 | 1.15E-06 | 2.67E-04 | 2.68E-04 | 9.3E-08 | 2.8E-07 | 1.6E-07 | 1.5E-07 | 6.7E-08 | 3.4E-10 | 8.2E-09 | 4.2E-09 | 3.8E-09 | 1.2E-09 | 1.8E-08 |
| 457 | 641960.09 | 4290602.63 | 641960.09 | 429C | 7.86737  | 7.86539  |  | 7.86737  |  | 8.55732  |  | 2.72E-07 | 4.35E-08 | 8.16E-07 | 1        |          |         |         |         |         |         |         |         |         |         |         |         |



|     |           |            |           |      |         |         |         |         |          |          |          |          |          |         |         |         |         |         |         |         |         |         |         |         |
|-----|-----------|------------|-----------|------|---------|---------|---------|---------|----------|----------|----------|----------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 526 | 642560.09 | 4290722.63 | 642560.09 | 429C | 0.79327 | 0.79322 | 0.79327 | 0.80937 | 2.74E-08 | 4.39E-09 | 8.23E-08 | 1.75E-05 | 1.76E-05 | 6.1E-09 | 1.8E-08 | 1.1E-08 | 9.7E-09 | 4.4E-09 | 2.2E-11 | 5.4E-10 | 2.8E-10 | 2.5E-10 | 7.6E-11 | 1.2E-09 |
| 527 | 642600.09 | 4290722.63 | 642600.09 | 429C | 0.73213 | 0.73208 | 0.73213 | 0.74635 | 2.53E-08 | 4.05E-09 | 7.59E-08 | 1.61E-05 | 1.62E-05 | 5.6E-09 | 1.7E-08 | 9.8E-09 | 8.9E-09 | 4.1E-09 | 2.0E-11 | 4.9E-10 | 2.5E-10 | 2.3E-10 | 7.0E-11 | 1.1E-09 |
| 528 | 641920.09 | 4290762.63 | 641920.09 | 429C | 7.94488 | 7.94316 | 7.94488 | 7.81866 | 2.75E-07 | 4.39E-08 | 8.24E-07 | 1.69E-04 | 1.70E-04 | 5.9E-08 | 1.8E-07 | 1.0E-07 | 9.3E-08 | 4.3E-08 | 2.1E-10 | 5.2E-09 | 2.7E-09 | 2.4E-09 | 7.3E-10 | 1.1E-08 |
| 529 | 641960.09 | 4290762.63 | 641960.09 | 429C | 6.06155 | 6.06155 | 6.06155 | 5.98912 | 2.10E-07 | 3.35E-08 | 6.29E-07 | 1.30E-04 | 1.30E-04 | 4.5E-08 | 1.4E-07 | 7.9E-08 | 7.2E-08 | 3.3E-08 | 1.6E-10 | 4.0E-09 | 2.0E-09 | 1.9E-09 | 5.6E-10 | 8.6E-09 |
| 530 | 642000.09 | 4290762.63 | 642000.09 | 429C | 4.78742 | 4.78663 | 4.78742 | 4.74412 | 1.65E-07 | 2.65E-08 | 4.96E-07 | 1.03E-04 | 1.03E-04 | 3.6E-08 | 1.1E-07 | 6.2E-08 | 5.7E-08 | 2.6E-08 | 1.3E-10 | 3.1E-09 | 1.6E-09 | 1.5E-09 | 4.4E-10 | 6.8E-09 |
| 531 | 642040.09 | 4290762.63 | 642040.09 | 429C | 3.88443 | 3.88385 | 3.88443 | 3.86148 | 1.34E-07 | 2.15E-08 | 4.03E-07 | 8.35E-05 | 8.41E-05 | 2.9E-08 | 8.8E-08 | 5.1E-08 | 4.6E-08 | 2.1E-08 | 1.1E-10 | 2.6E-09 | 1.3E-09 | 1.2E-09 | 3.6E-10 | 5.5E-09 |
| 532 | 642080.09 | 4290762.63 | 642080.09 | 429C | 3.21889 | 3.21846 | 3.21889 | 3.21319 | 1.11E-07 | 1.78E-08 | 3.34E-07 | 6.95E-05 | 6.99E-05 | 2.4E-08 | 7.3E-08 | 4.2E-08 | 3.8E-08 | 1.8E-08 | 8.8E-11 | 2.1E-09 | 1.1E-09 | 9.9E-10 | 3.0E-10 | 4.6E-09 |
| 533 | 642120.09 | 4290762.63 | 642120.09 | 429C | 2.71406 | 2.71406 | 2.71406 | 2.72176 | 9.38E-08 | 1.50E-08 | 2.81E-07 | 5.89E-05 | 5.92E-05 | 2.1E-08 | 6.2E-08 | 3.6E-08 | 3.2E-08 | 1.5E-08 | 7.5E-11 | 1.8E-09 | 9.3E-10 | 8.4E-10 | 2.6E-10 | 3.9E-09 |
| 534 | 642160.09 | 4290762.63 | 642160.09 | 429C | 2.32292 | 2.32266 | 2.32292 | 2.33959 | 8.03E-08 | 1.28E-08 | 2.41E-07 | 5.06E-05 | 5.09E-05 | 1.8E-08 | 5.3E-08 | 3.1E-08 | 2.8E-08 | 1.3E-08 | 6.4E-11 | 1.6E-09 | 8.0E-10 | 7.2E-10 | 2.2E-10 | 3.4E-09 |
| 535 | 642200.09 | 4290762.63 | 642200.09 | 429C | 2.01323 | 2.01301 | 2.01323 | 2.03498 | 6.96E-08 | 1.11E-08 | 2.09E-07 | 4.40E-05 | 4.43E-05 | 1.5E-08 | 4.6E-08 | 2.7E-08 | 2.4E-08 | 1.1E-08 | 5.6E-11 | 1.3E-09 | 6.9E-10 | 6.3E-10 | 1.9E-10 | 2.9E-09 |
| 536 | 642240.09 | 4290762.63 | 642240.09 | 429C | 1.76256 | 1.76238 | 1.76256 | 1.78659 | 6.09E-08 | 9.75E-09 | 1.83E-07 | 3.86E-05 | 3.89E-05 | 1.3E-08 | 4.1E-08 | 2.4E-08 | 2.1E-08 | 9.7E-09 | 4.9E-11 | 1.2E-09 | 6.1E-10 | 5.5E-10 | 1.7E-10 | 2.6E-09 |
| 537 | 642280.09 | 4290762.63 | 642280.09 | 429C | 1.55746 | 1.55732 | 1.55746 | 1.58192 | 5.38E-08 | 8.61E-09 | 1.61E-07 | 3.42E-05 | 3.44E-05 | 1.2E-08 | 3.6E-08 | 2.1E-08 | 1.9E-08 | 8.6E-09 | 4.3E-11 | 1.0E-09 | 5.4E-10 | 4.9E-10 | 1.5E-10 | 2.3E-09 |
| 538 | 642320.09 | 4290762.63 | 642320.09 | 429C | 1.38747 | 1.38734 | 1.38747 | 1.41125 | 4.80E-08 | 7.67E-09 | 1.44E-07 | 3.05E-05 | 3.07E-05 | 1.1E-08 | 3.2E-08 | 1.9E-08 | 1.7E-08 | 7.7E-09 | 3.9E-11 | 9.4E-10 | 4.8E-10 | 4.4E-10 | 1.3E-10 | 2.0E-09 |
| 539 | 642360.09 | 4290762.63 | 642360.09 | 429C | 1.24484 | 1.24474 | 1.24484 | 1.26736 | 4.30E-08 | 6.88E-09 | 1.29E-07 | 2.74E-05 | 2.76E-05 | 9.5E-09 | 2.9E-08 | 1.7E-08 | 1.5E-08 | 6.9E-09 | 3.5E-11 | 8.4E-10 | 4.3E-10 | 3.9E-10 | 1.2E-10 | 1.8E-09 |
| 540 | 642400.09 | 4290762.63 | 642400.09 | 429C | 1.12396 | 1.12387 | 1.12396 | 1.14492 | 3.88E-08 | 6.22E-09 | 1.17E-07 | 2.48E-05 | 2.49E-05 | 8.6E-09 | 2.6E-08 | 1.5E-08 | 1.4E-08 | 6.2E-09 | 3.1E-11 | 7.6E-10 | 3.9E-10 | 3.5E-10 | 1.1E-10 | 1.6E-09 |
| 541 | 642440.09 | 4290762.63 | 642440.09 | 429C | 1.02055 | 1.02048 | 1.02055 | 1.03986 | 3.53E-08 | 5.64E-09 | 1.06E-07 | 2.25E-05 | 2.26E-05 | 7.8E-09 | 2.4E-08 | 1.4E-08 | 1.2E-08 | 5.7E-09 | 2.9E-11 | 6.9E-10 | 3.5E-10 | 3.2E-10 | 9.7E-11 | 1.5E-09 |
| 542 | 642480.09 | 4290762.63 | 642480.09 | 429C | 0.93134 | 0.93128 | 0.93134 | 0.949   | 3.22E-08 | 5.15E-09 | 9.66E-08 | 2.05E-05 | 2.07E-05 | 7.1E-09 | 2.2E-08 | 1.2E-08 | 1.1E-08 | 5.2E-09 | 2.6E-11 | 6.3E-10 | 3.2E-10 | 2.9E-10 | 8.9E-11 | 1.4E-09 |
| 543 | 642520.09 | 4290762.63 | 642520.09 | 429C | 0.85386 | 0.8538  | 0.85386 | 0.86993 | 2.95E-08 | 4.72E-09 | 8.85E-08 | 1.88E-05 | 1.89E-05 | 6.6E-09 | 2.0E-08 | 1.1E-08 | 1.0E-08 | 4.7E-09 | 2.4E-11 | 5.8E-10 | 3.0E-10 | 2.7E-10 | 8.2E-11 | 1.2E-09 |
| 544 | 642560.09 | 4290762.63 | 642560.09 | 429C | 0.78606 | 0.78601 | 0.78606 | 0.80064 | 2.72E-08 | 4.35E-09 | 8.15E-08 | 1.73E-05 | 1.74E-05 | 6.0E-09 | 1.8E-08 | 1.1E-08 | 9.6E-09 | 4.4E-09 | 2.2E-11 | 5.3E-10 | 2.7E-10 | 2.5E-10 | 7.5E-11 | 1.1E-09 |
| 545 | 642600.09 | 4290762.63 | 642600.09 | 429C | 0.72628 | 0.72624 | 0.72628 | 0.73949 | 2.51E-08 | 4.02E-09 | 7.53E-08 | 1.60E-05 | 1.61E-05 | 5.6E-09 | 1.7E-08 | 9.7E-09 | 8.8E-09 | 4.0E-09 | 2.0E-11 | 4.9E-10 | 2.5E-10 | 2.3E-10 | 6.9E-11 | 1.1E-09 |
| 546 | 641920.09 | 4290802.63 | 641920.09 | 429C | 7.09017 | 7.08876 | 7.09017 | 6.93636 | 2.5E-07  | 3.92E-08 | 7.35E-07 | 1.50E-04 | 1.51E-04 | 5.2E-08 | 1.6E-07 | 9.1E-08 | 8.3E-08 | 3.8E-08 | 1.9E-10 | 4.6E-09 | 2.4E-09 | 2.1E-09 | 6.5E-10 | 1.0E-08 |
| 547 | 641960.09 | 4290802.63 | 641960.09 | 429C | 5.5066  | 5.50564 | 5.5066  | 5.41597 | 1.90E-07 | 3.04E-08 | 5.71E-07 | 1.17E-04 | 1.18E-04 | 4.1E-08 | 1.2E-07 | 7.1E-08 | 6.5E-08 | 3.0E-08 | 1.5E-10 | 3.6E-09 | 1.8E-09 | 1.7E-09 | 5.1E-10 | 7.8E-09 |
| 548 | 642000.09 | 4290802.63 | 642000.09 | 429C | 4.40993 | 4.40925 | 4.40993 | 4.35179 | 1.52E-07 | 2.44E-08 | 4.57E-07 | 9.41E-05 | 9.47E-05 | 3.3E-08 | 9.9E-08 | 5.7E-08 | 5.2E-08 | 2.4E-08 | 1.2E-10 | 2.9E-09 | 1.5E-09 | 1.3E-09 | 4.1E-10 | 6.2E-09 |
| 549 | 642040.09 | 4290802.63 | 642040.09 | 429C | 3.61842 | 3.61791 | 3.61842 | 3.57734 | 1.25E-07 | 2.00E-08 | 3.75E-07 | 7.74E-05 | 7.79E-05 | 2.7E-08 | 8.1E-08 | 4.7E-08 | 4.3E-08 | 1.9E-08 | 9.8E-11 | 2.4E-09 | 1.2E-09 | 1.1E-09 | 3.4E-10 | 5.1E-09 |
| 550 | 642080.09 | 4290802.63 | 642080.09 | 429C | 3.02805 | 3.02766 | 3.02805 | 2.99851 | 1.05E-07 | 1.67E-08 | 3.14E-07 | 6.48E-05 | 6.53E-05 | 2.3E-08 | 6.8E-08 | 3.9E-08 | 3.6E-08 | 1.6E-08 | 8.2E-11 | 2.0E-09 | 1.0E-09 | 9.3E-10 | 2.8E-10 | 4.3E-09 |
| 551 | 642120.09 | 4290802.63 | 642120.09 | 429C | 2.5748  | 2.5745  | 2.5748  | 2.55561 | 8.90E-08 | 1.42E-08 | 2.67E-07 | 5.53E-05 | 5.56E-05 | 1.9E-08 | 5.8E-08 | 3.4E-08 | 3.1E-08 | 1.4E-08 | 7.0E-11 | 1.7E-09 | 8.7E-10 | 7.9E-10 | 2.4E-10 | 3.7E-09 |
| 552 | 642160.09 | 4290802.63 | 642160.09 | 429C | 2.21948 | 2.21972 | 2.21948 | 2.21014 | 7.67E-08 | 1.23E-08 | 2.30E-07 | 4.78E-05 | 4.81E-05 | 1.7E-08 | 5.0E-08 | 2.9E-08 | 2.6E-08 | 1.2E-08 | 6.1E-11 | 1.5E-09 | 7.5E-10 | 6.8E-10 | 2.1E-10 | 3.2E-09 |
| 553 | 642200.09 | 4290802.63 | 642200.09 | 429C | 1.93533 | 1.93513 | 1.93533 | 1.93382 | 6.69E-08 | 1.07E-08 | 2.01E-07 | 4.18E-05 | 4.21E-05 | 1.5E-08 | 4.4E-08 | 2.5E-08 | 2.3E-08 | 1.1E-08 | 5.3E-11 | 1.3E-09 | 6.6E-10 | 6.0E-10 | 1.8E-10 | 2.8E-09 |
| 554 | 642240.09 | 4290802.63 | 642240.09 | 429C | 1.70315 | 1.70299 | 1.70315 | 1.70775 | 5.89E-08 | 9.42E-09 | 1.77E-07 | 3.69E-05 | 3.72E-05 | 1.3E-08 | 3.9E-08 | 2.2E-08 | 2.0E-08 | 9.3E-09 | 4.7E-11 | 1.1E-09 | 5.8E-10 | 5.3E-10 | 1.6E-10 | 2.5E-09 |
| 555 | 642280.09 | 4290802.63 | 642280.09 | 429C | 1.51159 | 1.51146 | 1.51159 | 1.52037 | 5.22E-08 | 8.36E-09 | 1.57E-07 | 3.29E-05 | 3.31E-05 | 1.1E-08 | 3.5E-08 | 2.0E-08 | 1.8E-08 | 8.3E-09 | 4.2E-11 | 1.0E-09 | 5.2E-10 | 4.7E-10 | 1.4E-10 | 2.2E-09 |
| 556 | 642320.09 | 4290802.63 | 642320.09 | 429C | 1.35165 | 1.35153 | 1.35165 | 1.36304 | 4.67E-08 | 7.47E-09 | 1.40E-07 | 2.95E-05 | 2.97E-05 | 1.0E-08 | 3.1E-08 | 1.8E-08 | 1.6E-08 | 7.4E-09 | 3.7E-11 | 9.0E-10 | 4.7E-10 | 4.2E-10 | 1.3E-10 | 2.0E-09 |
| 557 | 642360.09 | 4290802.63 | 642360.09 | 429C | 1.21658 | 1.21649 | 1.21658 | 1.22941 | 4.20E-08 | 6.73E-09 | 1.26E-07 | 2.66E-05 | 2.68E-05 | 9.3E-09 | 2.8E-08 | 1.6E-08 | 1.5E-08 | 6.7E-09 | 3.4E-11 | 8.2E-10 | 4.2E-10 | 3.8E-10 | 1.2E-10 | 1.8E-09 |
| 558 | 642400.09 | 4290802.63 | 642400.09 | 429C | 1.10147 | 1.10138 | 1.10147 | 1.11488 | 3.81E-08 | 6.09E-09 | 1.14E-07 | 2.41E-05 | 2.43E-05 | 8.4E-09 | 2.5E-08 | 1.5E-08 | 1.3E-08 | 6.1E-09 | 3.1E-11 | 7.4E-10 | 3.8E-10 | 3.4E-10 | 1.0E-10 | 1.6E-09 |
| 559 | 642440.09 | 4290802.63 | 642440.09 | 429C | 1.00249 | 1.00242 | 1.00249 | 1.01593 | 3.46E-08 | 5.54E-09 | 1.04E-07 | 2.20E-05 | 2.21E-05 | 7.7E-09 | 2.3E-08 | 1.3E-08 | 1.2E-08 | 5.5E-09 | 2.8E-11 | 6.7E-10 | 3.5E-10 | 3.1E-10 | 9.5E-11 | 1.5E-09 |
| 560 | 642480.09 | 4290802.63 | 642480.09 | 429C | 0.91676 | 0.91676 | 0.91676 | 0.92986 | 3.17E-08 | 5.07E-09 | 9.51E-08 | 2.01E-05 | 2.02E-05 | 6.4E-09 | 1.9E-08 | 1.1E-08 | 1.0E-08 | 4.7E-09 | 2.3E-11 | 5.7E-10 | 2.9E-10 | 2.6E-10 | 8.0E-11 | 1.2E-09 |
| 561 | 642520.09 | 4290802.63 | 642520.09 | 429C | 0.84199 | 0.84193 | 0.84199 | 0.85453 | 2.91E-08 | 4.66E-09 | 8.73E-08 | 1.85E-05 | 1.86E-05 | 5.9E-09 | 1.8E-08 | 1.0E-08 | 9.4E-09 | 4.3E-09 | 2.2E-11 | 5.2E-10 | 2.7E-10 | 2.4E-10 | 7.4E-11 | 1.1E-09 |
| 562 | 642560.09 | 4290802.63 | 642560.09 | 429C | 0.77633 | 0.77633 | 0.77633 | 0.7882  | 2.68E-08 | 4.29E-09 | 8.05E-08 | 1.70E-05 | 1.72E-05 | 5.5E-09 | 1.7E-08 | 1.0E-08 | 9.4E-09 | 4.0E-09 | 2.0E-11 | 4.8E-10 | 2.5E-10 | 2.3E-10 | 6.8E-11 | 1.0E-09 |
| 563 | 642600.09 | 4290802.63 | 642600.09 | 429C | 0.71828 | 0.71828 | 0.71828 | 0.72942 | 2.48E-08 | 3.97E-09 | 7.45E-08 | 1.58E-05 | 1.59E-05 | 4.7E-08 | 1.4E-07 | 8.1E-08 | 7.4E-08 | 3.4E-08 | 1.7E-10 | 4.1E-09 | 2.1E-09 | 1.9E-09 | 5.8E-10 | 8.9E-09 |
| 564 | 641920.09 | 4290842.63 | 641920.09 | 429C | 6.3532  | 6.35203 | 6.3532  | 6.18313 | 2.20E-07 | 3.51E-08 | 6.59E-07 | 1.34E-04 | 1.35E-04 | 3.7E-08 | 1.4E-07 | 8.1E-08 | 7.4E-08 | 3.4E-08 | 1.7E-10 | 4.1E-09 | 2.1E-09 | 1.9E-09 | 5.8E-10 | 8.9E-09 |
| 565 | 641960.09 | 4290842.63 | 641960.09 | 429C | 5.01605 | 5.01523 | 5.01605 | 4.91377 | 1.73E-07 | 2.77E-08 | 5.20E-07 | 1.06E-04 | 1.07E-04 | 3.0E-08 | 9.1E-08 | 5.3E-08 | 4.8E-08 | 2.2E-08 | 1.1E-10 | 2.7E-09 | 1.4E-09 | 1.2E-09 | 3.8E-10 | 5.7E-09 |
| 566 |           |            |           |      |         |         |         |         |          |          |          |          |          |         |         |         |         |         |         |         |         |         |         |         |



[illegible]



Residential DOSE<sub>air</sub> = (C<sub>air</sub>\*(BR/BW)\*A\*EF\*10<sup>-6</sup>)

|                  |         |                                                                                      |
|------------------|---------|--------------------------------------------------------------------------------------|
| A                | 1       | Inhalation absorption factor <sup>1</sup>                                            |
| EF               | 0.96    | Exposure frequency (350/year) <sup>2</sup>                                           |
| 10 <sup>-6</sup> | 1.0E-06 | Micrograms to milligrams conversions, liters to cubic meters conversion <sup>3</sup> |

Residential Risk = DOSE<sub>air</sub> \* CPF \* ASF \* ED/AT \* FAH

|     |      |                                                    |
|-----|------|----------------------------------------------------|
| CPF | 0.12 | Cancer Potency Factor for Naphthalene <sup>4</sup> |
| AT  | 70   | Averaging Time <sup>5</sup>                        |

| Age   | BR/BW | ASF | FAH  | ED (Ops) |
|-------|-------|-----|------|----------|
| 3rd   | 361   | 10  | 0.85 | 0.25     |
| 0<2   | 1090  | 10  | 0.85 | 2        |
| 2<9   | 631   | 3   | 0.72 | 7        |
| 9<16  | 572   | 3   | 0.72 | 7        |
| 16<30 | 261   | 1   | 0.73 | 13.75    |

- Notes:
- 1 Inhalation Absorption Factor, OEHHA 2015, p 5-24
  - 2 Exposure Frequency (days/year), OEHHA 2015, p 5-24, 350/365 days in a year for a resident, and OEHHA 2015, p 5-28, 250/365 days, 5 days/week, 50 weeks/year
  - 3 µg to mg conversions, liters to cubic meters conversion, OEHHA 2015, Equation 5.4.1.1, page 5-24
  - 4 Cancer Potency Factor for Benzene, OEHHA 2015, Table 7.1, page 7-4
  - 5 Averaging Time, OEHHA 2015, Equation 8.2.4 A, page 8-7
  - 6 Daily Breathing Rate normalized to Body Weight, OEHHA 2015, Table S.7, page 5-25 (95 %ile for 3rd-2yrs, 80th for other age groups)
  - 7 Age Sensitivity Factor, OEHHA 2015, Table 8.3, page 8-5
  - 8 Exposure Duration, OEHHA 2015, Equation 8.2.4 A, page 8-7
  - 9 Fraction of Time at Home, OEHHA 2015, Table 8.4, page 8-5
  - 10 Worker Adjustment Factor, OEHHA 2015, Equation 5.4.1.2 B, page 5-29



Operational Concentration - Fueling (n-Hexane)

|                       |           |                            |          |                                   |            |          |  | Fueling + Hose |           |            |          |          |
|-----------------------|-----------|----------------------------|----------|-----------------------------------|------------|----------|--|----------------|-----------|------------|----------|----------|
|                       |           |                            |          |                                   |            |          |  | Loading        | Breathing | Permeation | Spillage |          |
| Emissions Rate (g/s): |           |                            |          |                                   |            |          |  | 1.41E-04       | 2.26E-05  | 4.24E-04   | 2.31E-04 |          |
| Discrete Receptor ID  |           |                            |          | Concentration<br>[µg/m³] at 1 g/s |            |          |  | Unmitigated    |           |            |          |          |
|                       |           |                            |          |                                   |            |          |  |                |           |            |          |          |
|                       |           |                            |          | Fueling + Hose                    |            |          |  | Fueling + Hose |           |            |          |          |
| X                     | Y         | X, Y                       | Loading  | Breathing                         | Permeation | Spillage |  | Loading        | Breathing | Permeation | Spillage | Total    |
| 1                     | 641284.31 | 4290506.68 641284.31, 429C | 2.28914  | 2.2894                            | 2.28914    | 2.24887  |  | 3.24E-04       | 5.18E-05  | 9.71E-04   | 5.20E-04 | 1.87E-03 |
| 2                     | 641324.31 | 4290506.68 641324.31, 429C | 2.67219  | 2.67251                           | 2.67219    | 2.62615  |  | 3.78E-04       | 6.04E-05  | 1.13E-03   | 6.07E-04 | 2.18E-03 |
| 3                     | 641364.31 | 4290506.68 641364.31, 429C | 3.16658  | 3.167                             | 3.16658    | 3.11376  |  | 4.48E-04       | 7.16E-05  | 1.34E-03   | 7.20E-04 | 2.58E-03 |
| 4                     | 641404.31 | 4290506.68 641404.31, 429C | 3.81615  | 3.81671                           | 3.81615    | 3.75744  |  | 5.39E-04       | 8.63E-05  | 1.62E-03   | 8.69E-04 | 3.11E-03 |
| 5                     | 641284.31 | 4290546.68 641284.31, 429C | 2.37419  | 2.37447                           | 2.37419    | 2.30269  |  | 3.36E-04       | 5.37E-05  | 1.01E-03   | 5.32E-04 | 1.93E-03 |
| 6                     | 641324.31 | 4290546.68 641324.31, 429C | 2.78725  | 2.78761                           | 2.78725    | 2.6998   |  | 3.94E-04       | 6.30E-05  | 1.18E-03   | 6.24E-04 | 2.26E-03 |
| 7                     | 641364.31 | 4290546.68 641364.31, 429C | 3.33085  | 3.33132                           | 3.33085    | 3.22046  |  | 4.71E-04       | 7.53E-05  | 1.41E-03   | 7.44E-04 | 2.70E-03 |
| 8                     | 641404.31 | 4290546.68 641404.31, 429C | 4.0608   | 4.06145                           | 4.0608     | 3.9179   |  | 5.74E-04       | 9.19E-05  | 1.72E-03   | 9.06E-04 | 3.29E-03 |
| 9                     | 641284.31 | 4290586.68 641284.31, 429C | 2.44038  | 2.44068                           | 2.44038    | 2.33928  |  | 3.45E-04       | 5.52E-05  | 1.03E-03   | 5.41E-04 | 1.98E-03 |
| 10                    | 641324.31 | 4290586.68 641324.31, 429C | 2.87714  | 2.87753                           | 2.87714    | 2.74864  |  | 4.07E-04       | 6.51E-05  | 1.22E-03   | 6.35E-04 | 2.33E-03 |
| 11                    | 641364.31 | 4290586.68 641364.31, 429C | 3.4544   | 3.45492                           | 3.4544     | 3.28594  |  | 4.88E-04       | 7.81E-05  | 1.46E-03   | 7.60E-04 | 2.79E-03 |
| 12                    | 641404.31 | 4290586.68 641404.31, 429C | 4.23507  | 4.23579                           | 4.23507    | 4.00821  |  | 5.99E-04       | 9.58E-05  | 1.80E-03   | 9.26E-04 | 3.42E-03 |
| 13                    | 641284.31 | 4290626.68 641284.31, 429C | 2.49133  | 2.49164                           | 2.49133    | 2.36987  |  | 3.52E-04       | 5.64E-05  | 1.06E-03   | 5.48E-04 | 2.01E-03 |
| 14                    | 641324.31 | 4290626.68 641324.31, 429C | 2.9374   | 2.93781                           | 2.9374     | 2.78263  |  | 4.15E-04       | 6.64E-05  | 1.25E-03   | 6.43E-04 | 2.37E-03 |
| 15                    | 641364.31 | 4290626.68 641364.31, 429C | 3.53272  | 3.53327                           | 3.53272    | 3.32778  |  | 4.99E-04       | 7.99E-05  | 1.50E-03   | 7.69E-04 | 2.85E-03 |
| 16                    | 641404.31 | 4290626.68 641404.31, 429C | 4.33498  | 4.33574                           | 4.33498    | 4.05774  |  | 6.13E-04       | 9.81E-05  | 1.84E-03   | 9.38E-04 | 3.49E-03 |
| 17                    | 641284.31 | 4290666.68 641284.31, 429C | 2.5318   | 2.53213                           | 2.5318     | 2.39596  |  | 3.58E-04       | 5.73E-05  | 1.07E-03   | 5.54E-04 | 2.04E-03 |
| 18                    | 641324.31 | 4290666.68 641324.31, 429C | 2.98996  | 2.99039                           | 2.98996    | 2.81501  |  | 4.23E-04       | 6.76E-05  | 1.27E-03   | 6.51E-04 | 2.41E-03 |
| 19                    | 641364.31 | 4290666.68 641364.31, 429C | 3.60758  | 3.60815                           | 3.60758    | 3.37189  |  | 5.10E-04       | 8.16E-05  | 1.53E-03   | 7.79E-04 | 2.90E-03 |
| 20                    | 641404.31 | 4290666.68 641404.31, 429C | 4.42784  | 4.42863                           | 4.42784    | 4.11052  |  | 6.26E-04       | 1.00E-04  | 1.88E-03   | 9.50E-04 | 3.55E-03 |
| 21                    | 641284.31 | 4290706.68 641284.31, 429C | 2.56649  | 2.56683                           | 2.56649    | 2.41563  |  | 3.63E-04       | 5.81E-05  | 1.09E-03   | 5.58E-04 | 2.07E-03 |
| 22                    | 641324.31 | 4290706.68 641324.31, 429C | 3.03692  | 3.03736                           | 3.03692    | 2.8413   |  | 4.29E-04       | 6.87E-05  | 1.29E-03   | 6.57E-04 | 2.44E-03 |
| 23                    | 641364.31 | 4290706.68 641364.31, 429C | 3.67397  | 3.67455                           | 3.67397    | 3.40921  |  | 5.19E-04       | 8.31E-05  | 1.56E-03   | 7.88E-04 | 2.95E-03 |
| 24                    | 641404.31 | 4290706.68 641404.31, 429C | 4.52911  | 4.52993                           | 4.52911    | 4.17204  |  | 6.40E-04       | 1.02E-04  | 1.92E-03   | 9.64E-04 | 3.63E-03 |
| 25                    | 641284.31 | 4290746.68 641284.31, 429C | 2.60298  | 2.60332                           | 2.60298    | 2.43528  |  | 3.68E-04       | 5.89E-05  | 1.10E-03   | 5.63E-04 | 2.09E-03 |
| 26                    | 641324.31 | 4290746.68 641324.31, 429C | 3.08236  | 3.08281                           | 3.08236    | 2.86816  |  | 4.36E-04       | 6.97E-05  | 1.31E-03   | 6.63E-04 | 2.48E-03 |
| 27                    | 641364.31 | 4290746.68 641364.31, 429C | 3.73756  | 3.73816                           | 3.73756    | 3.45213  |  | 5.28E-04       | 8.45E-05  | 1.59E-03   | 7.98E-04 | 3.00E-03 |
| 28                    | 641404.31 | 4290746.68 641404.31, 429C | 4.63986  | 4.64072                           | 4.63986    | 4.2535   |  | 6.56E-04       | 1.05E-04  | 1.97E-03   | 9.83E-04 | 3.71E-03 |
| 29                    | 641284.31 | 4290786.68 641284.31, 429C | 2.64338  | 2.64373                           | 2.64338    | 2.46181  |  | 3.74E-04       | 5.98E-05  | 1.12E-03   | 5.69E-04 | 2.12E-03 |
| 30                    | 641324.31 | 4290786.68 641324.31, 429C | 3.13751  | 3.13798                           | 3.13751    | 2.9096   |  | 4.44E-04       | 7.10E-05  | 1.33E-03   | 6.73E-04 | 2.52E-03 |
| 31                    | 641364.31 | 4290786.68 641364.31, 429C | 3.81428  | 3.81491                           | 3.81428    | 3.51655  |  | 5.39E-04       | 8.63E-05  | 1.62E-03   | 8.13E-04 | 3.06E-03 |
| 32                    | 641404.31 | 4290786.68 641404.31, 429C | 4.7682   | 4.7691                            | 4.7682     | 4.36265  |  | 6.74E-04       | 1.08E-04  | 2.02E-03   | 1.01E-03 | 3.81E-03 |
| 33                    | 641284.31 | 4290826.68 641284.31, 429C | 2.6908   | 2.69116                           | 2.6908     | 2.50011  |  | 3.80E-04       | 6.09E-05  | 1.14E-03   | 5.78E-04 | 2.16E-03 |
| 34                    | 641324.31 | 4290826.68 641324.31, 429C | 3.20671  | 3.20719                           | 3.20671    | 2.9688   |  | 4.53E-04       | 7.25E-05  | 1.36E-03   | 6.86E-04 | 2.57E-03 |
| 35                    | 641364.31 | 4290826.68 641364.31, 429C | 3.90636  | 3.90702                           | 3.90636    | 3.59923  |  | 5.52E-04       | 8.84E-05  | 1.66E-03   | 8.32E-04 | 3.13E-03 |
| 36                    | 641404.31 | 4290826.68 641404.31, 429C | 4.90472  | 4.90565                           | 4.90472    | 4.48191  |  | 6.93E-04       | 1.11E-04  | 2.08E-03   | 1.04E-03 | 3.92E-03 |
| 37                    | 641284.31 | 4290866.68 641284.31, 429C | 2.74392  | 2.74429                           | 2.74392    | 2.54817  |  | 3.88E-04       | 6.21E-05  | 1.16E-03   | 5.89E-04 | 2.20E-03 |
| 38                    | 641324.31 | 4290866.68 641324.31, 429C | 3.28208  | 3.28258                           | 3.28208    | 3.03603  |  | 4.64E-04       | 7.42E-05  | 1.39E-03   | 7.02E-04 | 2.63E-03 |
| 39                    | 641364.31 | 4290866.68 641364.31, 429C | 4.00655  | 4.00723                           | 4.00655    | 3.68715  |  | 5.66E-04       | 9.06E-05  | 1.70E-03   | 8.52E-04 | 3.21E-03 |
| 40                    | 641404.31 | 4290866.68 641404.31, 429C | 5.02308  | 5.02404                           | 5.02308    | 4.58414  |  | 7.10E-04       | 1.14E-04  | 2.13E-03   | 1.06E-03 | 4.01E-03 |
| 41                    | 641268.28 | 4290889.76 641268.28, 429C | 2.59465  | 2.59499                           | 2.59465    | 2.41318  |  | 3.67E-04       | 5.87E-05  | 1.10E-03   | 5.58E-04 | 2.08E-03 |
| 42                    | 641308.28 | 4290889.76 641308.28, 429C | 3.08807  | 3.08852                           | 3.08807    | 2.85972  |  | 4.37E-04       | 6.99E-05  | 1.31E-03   | 6.61E-04 | 2.48E-03 |
| 43                    | 641348.28 | 4290889.76 641348.28, 429C | 3.73698  | 3.73759                           | 3.73698    | 3.44498  |  | 5.28E-04       | 8.45E-05  | 1.58E-03   | 7.96E-04 | 2.99E-03 |
| 44                    | 641388.28 | 4290889.76 641388.28, 429C | 4.62282  | 4.62365                           | 4.62282    | 4.23368  |  | 6.53E-04       | 1.05E-04  | 1.96E-03   | 9.79E-04 | 3.70E-03 |
| 45                    | 641428.28 | 4290889.76 641428.28, 429C | 5.83259  | 5.83374                           | 5.83259    | 5.29918  |  | 8.24E-04       | 1.32E-04  | 2.47E-03   | 1.22E-03 | 4.65E-03 |
| 46                    | 641468.28 | 4290889.76 641468.28, 429C | 7.45425  | 7.45582                           | 7.45425    | 6.71314  |  | 1.05E-03       | 1.69E-04  | 3.16E-03   | 1.55E-03 | 5.94E-03 |
| 47                    | 641508.28 | 4290889.76 641508.28, 429C | 9.5641   | 9.56614                           | 9.5641     | 8.50921  |  | 1.35E-03       | 2.16E-04  | 4.06E-03   | 1.97E-03 | 7.59E-03 |
| 48                    | 641548.28 | 4290889.76 641548.28, 429C | 12.10557 | 12.10804                          | 12.10557   | 10.588   |  | 1.71E-03       | 2.74E-04  | 5.13E-03   | 2.45E-03 | 9.57E-03 |
| 49                    | 641588.28 | 4290889.76 641588.28, 429C | 14.78987 | 14.79248                          | 14.78987   | 12.6611  |  | 2.09E-03       | 3.35E-04  | 6.27E-03   | 2.93E-03 | 1.16E-02 |
| 50                    | 641628.28 | 4290889.76 641628.28, 429C | 17.04372 | 17.04593                          | 17.04372   | 14.29707 |  | 2.41E-03       | 3.86E-04  | 7.23E-03   | 3.30E-03 | 1.33E-02 |
| 51                    | 642188.28 | 4290889.76 642188.28, 429C | 1.8141   | 1.81393                           | 1.8141     | 1.79156  |  | 2.56E-04       | 4.10E-05  | 7.69E-04   | 4.14E-04 | 1.48E-03 |
| 52                    | 642228.28 | 4290889.76 642228.28, 429C | 1.60832  | 1.60819                           | 1.60832    | 1.589    |  | 2.27E-04       | 3.64E-05  | 6.82E-04   | 3.67E-04 | 1.31E-03 |
| 53                    | 642268.28 | 4290889.76 642268.28, 429C | 1.43746  | 1.43734                           | 1.43746    | 1.42185  |  | 2.03E-04       | 3.25E-05  | 6.10E-04   | 3.29E-04 | 1.17E-03 |
| 54                    | 642308.28 | 4290889.76 642308.28, 429C | 1.29357  | 1.29347                           | 1.29357    | 1.28191  |  | 1.83E-04       | 2.93E-05  | 5.49E-04   | 2.96E-04 | 1.06E-03 |
| 55                    | 642348.28 | 4290889.76 642348.28, 429C | 1.17114  | 1.17105                           | 1.17114    | 1.16327  |  | 1.66E-04       | 2.65E-05  | 4.97E-04   | 2.69E-04 | 9.58E-04 |
| 56                    | 642388.28 | 4290889.76 642388.28, 429C | 1.06597  | 1.06589                           | 1.06597    | 1.06146  |  | 1.51E-04       | 2.41E-05  | 4.52E-04   | 2.45E-04 | 8.72E-04 |
| 57                    | 642428.28 | 4290889.76 642428.28, 429C | 0.97484  | 0.97477                           | 0.97484    | 0.97313  |  | 1.38E-04       | 2.20E-05  | 4.13E-04   | 2.25E-04 | 7.98E-04 |
| 58                    | 641268.28 | 4290929.76 641268.28, 429C | 2.64585  | 2.6462                            | 2.64585    | 2.46002  |  | 3.74E-04       | 5.99E-05  | 1.12E-03   | 5.69E-04 | 2.12E-03 |
| 59                    | 641308.28 | 4290929.76 641308.28, 429C | 3.15136  | 3.15182                           | 3.15136    | 2.9161   |  | 4.45E-04       | 7.13E-05  | 1.34E-03   | 6.74E-04 | 2.53E-03 |
| 60                    | 641348.28 | 4290929.76 641348.28, 429C | 3.80527  | 3.80588                           | 3.80527    | 3.50607  |  | 5.38E-04       | 8.61E-05  | 1.61E-03   | 8.10E-04 | 3.05E-03 |



|     |           |            |                 |          |          |          |          |
|-----|-----------|------------|-----------------|----------|----------|----------|----------|
| 61  | 641388.28 | 4290929.76 | 641388.28, 429C | 4.66994  | 4.67075  | 4.66994  | 4.28051  |
| 62  | 641428.28 | 4290929.76 | 641428.28, 429C | 5.79894  | 5.8      | 5.79894  | 5.28453  |
| 63  | 641468.28 | 4290929.76 | 641468.28, 429C | 7.2232   | 7.22456  | 7.2232   | 6.53805  |
| 64  | 641508.28 | 4290929.76 | 641508.28, 429C | 8.93237  | 8.93401  | 8.93237  | 8.00344  |
| 65  | 641548.28 | 4290929.76 | 641548.28, 429C | 10.80265 | 10.80445 | 10.80265 | 9.53881  |
| 66  | 641588.28 | 4290929.76 | 641588.28, 429C | 12.57157 | 12.5733  | 12.57157 | 10.9114  |
| 67  | 641628.28 | 4290929.76 | 641628.28, 429C | 13.87408 | 13.8754  | 13.87408 | 11.86802 |
| 68  | 642188.28 | 4290929.76 | 642188.28, 429C | 1.72638  | 1.72622  | 1.72638  | 1.70506  |
| 69  | 642228.28 | 4290929.76 | 642228.28, 429C | 1.53536  | 1.53523  | 1.53536  | 1.5157   |
| 70  | 642268.28 | 4290929.76 | 642268.28, 429C | 1.37694  | 1.37683  | 1.37694  | 1.35907  |
| 71  | 642308.28 | 4290929.76 | 642308.28, 429C | 1.24301  | 1.24292  | 1.24301  | 1.22746  |
| 72  | 642348.28 | 4290929.76 | 642348.28, 429C | 1.12868  | 1.1286   | 1.12868  | 1.11586  |
| 73  | 642388.28 | 4290929.76 | 642388.28, 429C | 1.03034  | 1.03027  | 1.03034  | 1.02039  |
| 74  | 642428.28 | 4290929.76 | 642428.28, 429C | 0.94505  | 0.94499  | 0.94505  | 0.93786  |
| 75  | 641268.28 | 4290969.76 | 641268.28, 429C | 2.69306  | 2.69342  | 2.69306  | 2.5027   |
| 76  | 641308.28 | 4290969.76 | 641308.28, 429C | 3.19864  | 3.1991   | 3.19864  | 2.96024  |
| 77  | 641348.28 | 4290969.76 | 641348.28, 429C | 3.84004  | 3.84064  | 3.84004  | 3.54223  |
| 78  | 641388.28 | 4290969.76 | 641388.28, 429C | 4.65507  | 4.65583  | 4.65507  | 4.28044  |
| 79  | 641428.28 | 4290969.76 | 641428.28, 429C | 5.66695  | 5.6679   | 5.66695  | 5.19114  |
| 80  | 641468.28 | 4290969.76 | 641468.28, 429C | 6.86794  | 6.86908  | 6.86794  | 6.25679  |
| 81  | 641508.28 | 4290969.76 | 641508.28, 429C | 8.2055   | 8.20678  | 8.2055   | 7.40735  |
| 82  | 641548.28 | 4290969.76 | 641548.28, 429C | 9.55044  | 9.55174  | 9.55044  | 8.51132  |
| 83  | 641588.28 | 4290969.76 | 641588.28, 429C | 10.70898 | 10.71013 | 10.70898 | 9.40958  |
| 84  | 641628.28 | 4290969.76 | 641628.28, 429C | 11.45991 | 11.46073 | 11.45991 | 9.96399  |
| 85  | 641668.28 | 4290969.76 | 641668.28, 429C | 11.62213 | 11.62246 | 11.62213 | 10.08546 |
| 86  | 641708.28 | 4290969.76 | 641708.28, 429C | 11.11782 | 11.11759 | 11.11782 | 9.73205  |
| 87  | 641748.28 | 4290969.76 | 641748.28, 429C | 10.0351  | 10.03442 | 10.0351  | 8.94013  |
| 88  | 641788.28 | 4290969.76 | 641788.28, 429C | 8.62011  | 8.61919  | 8.62011  | 7.86025  |
| 89  | 641828.28 | 4290969.76 | 641828.28, 429C | 7.16553  | 7.16459  | 7.16553  | 6.6929   |
| 90  | 641868.28 | 4290969.76 | 641868.28, 429C | 5.87668  | 5.87586  | 5.87668  | 5.59229  |
| 91  | 641908.28 | 4290969.76 | 641908.28, 429C | 4.8181   | 4.81742  | 4.8181   | 4.63892  |
| 92  | 641948.28 | 4290969.76 | 641948.28, 429C | 3.98329  | 3.98276  | 3.98329  | 3.86069  |
| 93  | 642188.28 | 4290969.76 | 642188.28, 429C | 1.64462  | 1.64448  | 1.64462  | 1.62506  |
| 94  | 642228.28 | 4290969.76 | 642228.28, 429C | 1.4674   | 1.46728  | 1.4674   | 1.44957  |
| 95  | 642268.28 | 4290969.76 | 642268.28, 429C | 1.3201   | 1.31999  | 1.3201   | 1.30314  |
| 96  | 642308.28 | 4290969.76 | 642308.28, 429C | 1.19495  | 1.19486  | 1.19495  | 1.17897  |
| 97  | 642348.28 | 4290969.76 | 642348.28, 429C | 1.08742  | 1.08735  | 1.08742  | 1.07285  |
| 98  | 642388.28 | 4290969.76 | 642388.28, 429C | 0.9946   | 0.99454  | 0.9946   | 0.98186  |
| 99  | 642428.28 | 4290969.76 | 642428.28, 429C | 0.91426  | 0.9142   | 0.91426  | 0.9036   |
| 100 | 641268.28 | 4291009.76 | 641268.28, 4291 | 2.72858  | 2.72894  | 2.72858  | 2.5363   |
| 101 | 641308.28 | 4291009.76 | 641308.28, 4291 | 3.22289  | 3.22334  | 3.22289  | 2.98764  |
| 102 | 641348.28 | 4291009.76 | 641348.28, 4291 | 3.83519  | 3.83576  | 3.83519  | 3.54851  |
| 103 | 641388.28 | 4291009.76 | 641388.28, 4291 | 4.57805  | 4.57874  | 4.57805  | 4.23055  |
| 104 | 641428.28 | 4291009.76 | 641428.28, 4291 | 5.45476  | 5.45558  | 5.45476  | 5.02792  |
| 105 | 641468.28 | 4291009.76 | 641468.28, 4291 | 6.4371   | 6.43803  | 6.4371   | 5.90318  |
| 106 | 641508.28 | 4291009.76 | 641508.28, 4291 | 7.46047  | 7.46145  | 7.46047  | 6.78207  |
| 107 | 641548.28 | 4291009.76 | 641548.28, 4291 | 8.41614  | 8.41707  | 8.41614  | 7.56265  |
| 108 | 641588.28 | 4291009.76 | 641588.28, 4291 | 9.17186  | 9.17264  | 9.17186  | 8.1465   |
| 109 | 641628.28 | 4291009.76 | 641628.28, 4291 | 9.59993  | 9.60045  | 9.59993  | 8.46218  |
| 110 | 641668.28 | 4291009.76 | 641668.28, 4291 | 9.60751  | 9.60768  | 9.60751  | 8.4665   |
| 111 | 641708.28 | 4291009.76 | 641708.28, 4291 | 9.1673   | 9.1671   | 9.1673   | 8.14053  |
| 112 | 641748.28 | 4291009.76 | 641748.28, 4291 | 8.34683  | 8.34632  | 8.34683  | 7.51531  |
| 113 | 641788.28 | 4291009.76 | 641788.28, 4291 | 7.29983  | 7.29916  | 7.29983  | 6.69239  |
| 114 | 641828.28 | 4291009.76 | 641828.28, 4291 | 6.20016  | 6.19945  | 6.20016  | 5.79822  |
| 115 | 641868.28 | 4291009.76 | 641868.28, 4291 | 5.193    | 5.19235  | 5.193    | 4.9397   |
| 116 | 641908.28 | 4291009.76 | 641908.28, 4291 | 4.33631  | 4.33576  | 4.33631  | 4.17244  |
| 117 | 641948.28 | 4291009.76 | 641948.28, 4291 | 3.63912  | 3.63867  | 3.63912  | 3.52449  |
| 118 | 642188.28 | 4291009.76 | 642188.28, 4291 | 1.56955  | 1.56942  | 1.56955  | 1.55039  |
| 119 | 642228.28 | 4291009.76 | 642228.28, 4291 | 1.40547  | 1.40536  | 1.40547  | 1.38917  |
| 120 | 642268.28 | 4291009.76 | 642268.28, 4291 | 1.26752  | 1.26742  | 1.26752  | 1.2524   |
| 121 | 642308.28 | 4291009.76 | 642308.28, 4291 | 1.14974  | 1.14966  | 1.14974  | 1.13516  |
| 122 | 642348.28 | 4291009.76 | 642348.28, 4291 | 1.04828  | 1.04821  | 1.04828  | 1.03422  |
| 123 | 642388.28 | 4291009.76 | 642388.28, 4291 | 0.96069  | 0.96063  | 0.96069  | 0.94745  |
| 124 | 642428.28 | 4291009.76 | 642428.28, 4291 | 0.88463  | 0.88458  | 0.88463  | 0.87257  |
| 125 | 641268.28 | 4291049.76 | 641268.28, 4291 | 2.74627  | 2.74662  | 2.74627  | 2.55727  |
| 126 | 641308.28 | 4291049.76 | 641308.28, 4291 | 3.21799  | 3.21842  | 3.21799  | 2.99367  |
| 127 | 641348.28 | 4291049.76 | 641348.28, 4291 | 3.786    | 3.78652  | 3.786    | 3.52078  |
| 128 | 641388.28 | 4291049.76 | 641388.28, 4291 | 4.44751  | 4.44812  | 4.44751  | 4.13376  |
| 129 | 641428.28 | 4291049.76 | 641428.28, 4291 | 5.1865   | 5.18719  | 5.1865   | 4.81054  |
| 130 | 641468.28 | 4291049.76 | 641468.28, 4291 | 5.9729   | 5.97365  | 5.9729   | 5.5106   |
| 131 | 641508.28 | 4291049.76 | 641508.28, 4291 | 6.74438  | 6.74512  | 6.74438  | 6.16905  |

|          |          |          |          |          |
|----------|----------|----------|----------|----------|
| 6.60E-04 | 1.06E-04 | 1.98E-03 | 9.89E-04 | 3.74E-03 |
| 8.20E-04 | 1.31E-04 | 2.46E-03 | 1.22E-03 | 4.63E-03 |
| 1.02E-03 | 1.63E-04 | 3.06E-03 | 1.51E-03 | 5.76E-03 |
| 1.26E-03 | 2.02E-04 | 3.79E-03 | 1.85E-03 | 7.10E-03 |
| 1.53E-03 | 2.44E-04 | 4.58E-03 | 2.20E-03 | 8.56E-03 |
| 1.78E-03 | 2.84E-04 | 5.33E-03 | 2.52E-03 | 9.91E-03 |
| 1.96E-03 | 3.14E-04 | 5.88E-03 | 2.74E-03 | 1.09E-02 |
| 2.44E-04 | 3.90E-05 | 7.32E-04 | 3.94E-04 | 1.41E-03 |
| 2.17E-04 | 3.47E-05 | 6.51E-04 | 3.50E-04 | 1.25E-03 |
| 1.95E-04 | 3.11E-05 | 5.84E-04 | 3.14E-04 | 1.12E-03 |
| 1.76E-04 | 2.81E-05 | 5.27E-04 | 2.84E-04 | 1.01E-03 |
| 1.60E-04 | 2.55E-05 | 4.79E-04 | 2.58E-04 | 9.22E-04 |
| 1.46E-04 | 2.33E-05 | 4.37E-04 | 2.36E-04 | 8.42E-04 |
| 1.34E-04 | 2.14E-05 | 4.01E-04 | 2.17E-04 | 7.73E-04 |
| 3.81E-04 | 6.09E-05 | 1.14E-03 | 5.78E-04 | 2.16E-03 |
| 4.52E-04 | 7.24E-05 | 1.36E-03 | 6.84E-04 | 2.57E-03 |
| 5.43E-04 | 8.69E-05 | 1.63E-03 | 8.19E-04 | 3.08E-03 |
| 6.58E-04 | 1.05E-04 | 1.97E-03 | 9.89E-04 | 3.73E-03 |
| 8.01E-04 | 1.28E-04 | 2.40E-03 | 1.20E-03 | 4.53E-03 |
| 9.71E-04 | 1.55E-04 | 2.91E-03 | 1.45E-03 | 5.48E-03 |
| 1.16E-03 | 1.86E-04 | 3.48E-03 | 1.71E-03 | 6.54E-03 |
| 1.35E-03 | 2.16E-04 | 4.05E-03 | 1.97E-03 | 7.58E-03 |
| 1.51E-03 | 2.42E-04 | 4.54E-03 | 2.17E-03 | 8.47E-03 |
| 1.62E-03 | 2.59E-04 | 4.86E-03 | 2.30E-03 | 9.04E-03 |
| 1.64E-03 | 2.63E-04 | 4.93E-03 | 2.33E-03 | 9.17E-03 |
| 1.57E-03 | 2.51E-04 | 4.71E-03 | 2.25E-03 | 8.79E-03 |
| 1.42E-03 | 2.27E-04 | 4.26E-03 | 2.07E-03 | 7.97E-03 |
| 1.22E-03 | 1.95E-04 | 3.66E-03 | 1.82E-03 | 6.89E-03 |
| 1.01E-03 | 1.62E-04 | 3.04E-03 | 1.55E-03 | 5.76E-03 |
| 8.31E-04 | 1.33E-04 | 2.49E-03 | 1.29E-03 | 4.75E-03 |
| 6.81E-04 | 1.09E-04 | 2.04E-03 | 1.07E-03 | 3.91E-03 |
| 5.63E-04 | 9.01E-05 | 1.69E-03 | 8.92E-04 | 3.23E-03 |
| 2.32E-04 | 3.72E-05 | 6.97E-04 | 3.76E-04 | 1.34E-03 |
| 2.07E-04 | 3.32E-05 | 6.22E-04 | 3.35E-04 | 1.20E-03 |
| 1.87E-04 | 2.99E-05 | 5.60E-04 | 3.01E-04 | 1.08E-03 |
| 1.69E-04 | 2.70E-05 | 5.07E-04 | 2.73E-04 | 9.75E-04 |
| 1.54E-04 | 2.46E-05 | 4.61E-04 | 2.48E-04 | 8.87E-04 |
| 1.41E-04 | 2.25E-05 | 4.22E-04 | 2.27E-04 | 8.12E-04 |
| 1.29E-04 | 2.07E-05 | 3.88E-04 | 2.09E-04 | 7.46E-04 |
| 3.86E-04 | 6.17E-05 | 1.16E-03 | 5.86E-04 | 2.19E-03 |
| 4.56E-04 | 7.29E-05 | 1.37E-03 | 6.91E-04 | 2.59E-03 |
| 5.42E-04 | 8.68E-05 | 1.63E-03 | 8.20E-04 | 3.08E-03 |
| 6.47E-04 | 1.04E-04 | 1.94E-03 | 9.78E-04 | 3.67E-03 |
| 7.71E-04 | 1.23E-04 | 2.31E-03 | 1.16E-03 | 4.37E-03 |
| 9.10E-04 | 1.46E-04 | 2.73E-03 | 1.36E-03 | 5.15E-03 |
| 1.05E-03 | 1.69E-04 | 3.16E-03 | 1.57E-03 | 5.95E-03 |
| 1.19E-03 | 1.90E-04 | 3.57E-03 | 1.75E-03 | 6.70E-03 |
| 1.30E-03 | 2.07E-04 | 3.89E-03 | 1.88E-03 | 7.28E-03 |
| 1.36E-03 | 2.17E-04 | 4.07E-03 | 1.96E-03 | 7.60E-03 |
| 1.36E-03 | 2.17E-04 | 4.07E-03 | 1.96E-03 | 7.61E-03 |
| 1.30E-03 | 2.07E-04 | 3.89E-03 | 1.88E-03 | 7.27E-03 |
| 1.18E-03 | 1.89E-04 | 3.54E-03 | 1.74E-03 | 6.65E-03 |
| 1.03E-03 | 1.65E-04 | 3.10E-03 | 1.55E-03 | 5.84E-03 |
| 8.76E-04 | 1.40E-04 | 2.63E-03 | 1.34E-03 | 4.99E-03 |
| 7.34E-04 | 1.17E-04 | 2.20E-03 | 1.14E-03 | 4.20E-03 |
| 6.13E-04 | 9.81E-05 | 1.84E-03 | 9.64E-04 | 3.51E-03 |
| 5.14E-04 | 8.23E-05 | 1.54E-03 | 8.15E-04 | 2.95E-03 |
| 2.22E-04 | 3.55E-05 | 6.66E-04 | 3.58E-04 | 1.28E-03 |
| 1.99E-04 | 3.18E-05 | 5.96E-04 | 3.21E-04 | 1.15E-03 |
| 1.79E-04 | 2.87E-05 | 5.38E-04 | 2.89E-04 | 1.03E-03 |
| 1.63E-04 | 2.60E-05 | 4.88E-04 | 2.62E-04 | 9.38E-04 |
| 1.48E-04 | 2.37E-05 | 4.45E-04 | 2.39E-04 | 8.55E-04 |
| 1.36E-04 | 2.17E-05 | 4.07E-04 | 2.19E-04 | 7.84E-04 |
| 1.25E-04 | 2.00E-05 | 3.75E-04 | 2.02E-04 | 7.22E-04 |
| 3.88E-04 | 6.21E-05 | 1.16E-03 | 5.91E-04 | 2.21E-03 |
| 4.55E-04 | 7.28E-05 | 1.36E-03 | 6.92E-04 | 2.58E-03 |
| 5.35E-04 | 8.56E-05 | 1.61E-03 | 8.14E-04 | 3.04E-03 |
| 6.29E-04 | 1.01E-04 | 1.89E-03 | 9.56E-04 | 3.57E-03 |
| 7.33E-04 | 1.17E-04 | 2.20E-03 | 1.11E-03 | 4.16E-03 |
| 8.44E-04 | 1.35E-04 | 2.53E-03 | 1.27E-03 | 4.79E-03 |
| 9.53E-04 | 1.53E-04 | 2.86E-03 | 1.43E-03 | 5.39E-03 |

|     |           |            |                 |         |         |         |         |
|-----|-----------|------------|-----------------|---------|---------|---------|---------|
| 132 | 641548.28 | 4291049.76 | 641548.28, 4291 | 7.41909 | 7.41977 | 7.41909 | 6.71546 |
| 133 | 641588.28 | 4291049.76 | 641588.28, 4291 | 7.91107 | 7.91161 | 7.91107 | 7.09281 |
| 134 | 641628.28 | 4291049.76 | 641628.28, 4291 | 8.14689 | 8.14722 | 8.14689 | 7.26509 |
| 135 | 641668.28 | 4291049.76 | 641668.28, 4291 | 8.07904 | 8.07912 | 8.07904 | 7.21007 |
| 136 | 641708.28 | 4291049.76 | 641708.28, 4291 | 7.70103 | 7.70085 | 7.70103 | 6.91836 |
| 137 | 641748.28 | 4291049.76 | 641748.28, 4291 | 7.06249 | 7.06211 | 7.06249 | 6.41515 |
| 138 | 641788.28 | 4291049.76 | 641788.28, 4291 | 6.26346 | 6.26295 | 6.26346 | 5.77165 |
| 139 | 641828.28 | 4291049.76 | 641828.28, 4291 | 5.41488 | 5.41434 | 5.41488 | 5.07205 |
| 140 | 641868.28 | 4291049.76 | 641868.28, 4291 | 4.6191  | 4.61858 | 4.6191  | 4.39238 |
| 141 | 641908.28 | 4291049.76 | 641908.28, 4291 | 3.92011 | 3.91966 | 3.92011 | 3.76931 |
| 142 | 641948.28 | 4291049.76 | 641948.28, 4291 | 3.33465 | 3.33427 | 3.33465 | 3.22758 |
| 143 | 642188.28 | 4291049.76 | 642188.28, 4291 | 1.49753 | 1.49741 | 1.49753 | 1.47748 |
| 144 | 642228.28 | 4291049.76 | 642228.28, 4291 | 1.34657 | 1.34647 | 1.34657 | 1.33067 |
| 145 | 642268.28 | 4291049.76 | 642268.28, 4291 | 1.2176  | 1.21751 | 1.2176  | 1.20386 |
| 146 | 642308.28 | 4291049.76 | 642308.28, 4291 | 1.10706 | 1.10698 | 1.10706 | 1.09421 |
| 147 | 642348.28 | 4291049.76 | 642348.28, 4291 | 1.01146 | 1.01139 | 1.01146 | 0.99893 |
| 148 | 642388.28 | 4291049.76 | 642388.28, 4291 | 0.92867 | 0.92861 | 0.92867 | 0.91637 |
| 149 | 642428.28 | 4291049.76 | 642428.28, 4291 | 0.85655 | 0.8565  | 0.85655 | 0.84469 |
| 150 | 641268.28 | 4291089.76 | 641268.28, 4291 | 2.74415 | 2.74449 | 2.74415 | 2.56385 |
| 151 | 641308.28 | 4291089.76 | 641308.28, 4291 | 3.18526 | 3.18566 | 3.18526 | 2.97769 |
| 152 | 641348.28 | 4291089.76 | 641348.28, 4291 | 3.69961 | 3.70008 | 3.69961 | 3.46067 |
| 153 | 641388.28 | 4291089.76 | 641388.28, 4291 | 4.27442 | 4.27495 | 4.27442 | 3.99682 |
| 154 | 641428.28 | 4291089.76 | 641428.28, 4291 | 4.88513 | 4.88571 | 4.88513 | 4.55666 |
| 155 | 641468.28 | 4291089.76 | 641468.28, 4291 | 5.50531 | 5.50591 | 5.50531 | 5.10561 |
| 156 | 641508.28 | 4291089.76 | 641508.28, 4291 | 6.08236 | 6.08292 | 6.08236 | 5.59317 |
| 157 | 641548.28 | 4291089.76 | 641548.28, 4291 | 6.5568  | 6.55729 | 6.5568  | 5.97314 |
| 158 | 641588.28 | 4291089.76 | 641588.28, 4291 | 6.87518 | 6.87555 | 6.87518 | 6.21493 |
| 159 | 641628.28 | 4291089.76 | 641628.28, 4291 | 6.99534 | 6.99556 | 6.99534 | 6.30033 |
| 160 | 641668.28 | 4291089.76 | 641668.28, 4291 | 6.89268 | 6.89272 | 6.89268 | 6.21641 |
| 161 | 641708.28 | 4291089.76 | 641708.28, 4291 | 6.56909 | 6.56894 | 6.56909 | 5.95846 |
| 162 | 641748.28 | 4291089.76 | 641748.28, 4291 | 6.06137 | 6.06107 | 6.06137 | 5.54686 |
| 163 | 641788.28 | 4291089.76 | 641788.28, 4291 | 5.43709 | 5.4367  | 5.43709 | 5.03314 |
| 164 | 641828.28 | 4291089.76 | 641828.28, 4291 | 4.77022 | 4.76979 | 4.77022 | 4.4761  |
| 165 | 641868.28 | 4291089.76 | 641868.28, 4291 | 4.13223 | 4.13182 | 4.13223 | 3.92939 |
| 166 | 641908.28 | 4291089.76 | 641908.28, 4291 | 3.55748 | 3.55711 | 3.55748 | 3.41884 |
| 167 | 641948.28 | 4291089.76 | 641948.28, 4291 | 3.06388 | 3.06355 | 3.06388 | 2.96415 |
| 168 | 641988.28 | 4291089.76 | 641988.28, 4291 | 2.65098 | 2.65071 | 2.65098 | 2.57404 |
| 169 | 642028.28 | 4291089.76 | 642028.28, 4291 | 2.30662 | 2.3064  | 2.30662 | 2.24523 |
| 170 | 642068.28 | 4291089.76 | 642068.28, 4291 | 2.02288 | 2.02269 | 2.02288 | 1.97392 |
| 171 | 642108.28 | 4291089.76 | 642108.28, 4291 | 1.79137 | 1.79122 | 1.79137 | 1.75275 |
| 172 | 642148.28 | 4291089.76 | 642148.28, 4291 | 1.59332 | 1.59319 | 1.59332 | 1.56438 |
| 173 | 641268.28 | 4291129.76 | 641268.28, 4291 | 2.72137 | 2.72169 | 2.72137 | 2.55448 |
| 174 | 641308.28 | 4291129.76 | 641308.28, 4291 | 3.12601 | 3.12638 | 3.12601 | 2.9389  |
| 175 | 641348.28 | 4291129.76 | 641348.28, 4291 | 3.58287 | 3.58329 | 3.58287 | 3.37134 |
| 176 | 641388.28 | 4291129.76 | 641388.28, 4291 | 4.07335 | 4.07381 | 4.07335 | 3.8297  |
| 177 | 641428.28 | 4291129.76 | 641428.28, 4291 | 4.57051 | 4.57098 | 4.57051 | 4.28362 |
| 178 | 641468.28 | 4291129.76 | 641468.28, 4291 | 5.05377 | 5.05424 | 5.05377 | 4.70726 |
| 179 | 641508.28 | 4291129.76 | 641508.28, 4291 | 5.48275 | 5.48318 | 5.48275 | 5.06511 |
| 180 | 641548.28 | 4291129.76 | 641548.28, 4291 | 5.81578 | 5.81614 | 5.81578 | 5.32842 |
| 181 | 641588.28 | 4291129.76 | 641588.28, 4291 | 6.01926 | 6.01952 | 6.01926 | 5.48092 |
| 182 | 641628.28 | 4291129.76 | 641628.28, 4291 | 6.06907 | 6.06921 | 6.06907 | 5.51307 |
| 183 | 641668.28 | 4291129.76 | 641668.28, 4291 | 5.95295 | 5.95295 | 5.95295 | 5.4168  |
| 184 | 641708.28 | 4291129.76 | 641708.28, 4291 | 5.67563 | 5.6755  | 5.67563 | 5.18973 |
| 185 | 641748.28 | 4291129.76 | 641748.28, 4291 | 5.26449 | 5.26425 | 5.26449 | 4.84829 |
| 186 | 641788.28 | 4291129.76 | 641788.28, 4291 | 4.76674 | 4.76642 | 4.76674 | 4.43084 |
| 187 | 641828.28 | 4291129.76 | 641828.28, 4291 | 4.2341  | 4.23376 | 4.2341  | 3.98042 |
| 188 | 641868.28 | 4291129.76 | 641868.28, 4291 | 3.71645 | 3.71611 | 3.71645 | 3.53493 |
| 189 | 641908.28 | 4291129.76 | 641908.28, 4291 | 3.24024 | 3.23993 | 3.24024 | 3.11285 |
| 190 | 641948.28 | 4291129.76 | 641948.28, 4291 | 2.82192 | 2.82164 | 2.82192 | 2.72922 |
| 191 | 641988.28 | 4291129.76 | 641988.28, 4291 | 2.4632  | 2.46296 | 2.4632  | 2.39129 |
| 192 | 642028.28 | 4291129.76 | 642028.28, 4291 | 2.16064 | 2.16044 | 2.16064 | 2.1021  |
| 193 | 642068.28 | 4291129.76 | 642068.28, 4291 | 1.90738 | 1.90721 | 1.90738 | 1.8592  |
| 194 | 642108.28 | 4291129.76 | 642108.28, 4291 | 1.69516 | 1.69501 | 1.69516 | 1.6562  |
| 195 | 642148.28 | 4291129.76 | 642148.28, 4291 | 1.51587 | 1.51575 | 1.51587 | 1.4853  |
| 196 | 641374.56 | 4290226.75 | 641374.56, 429C | 1.9202  | 1.92033 | 1.9202  | 1.99745 |
| 197 | 641414.56 | 4290226.75 | 641414.56, 429C | 2.12362 | 2.12376 | 2.12362 | 2.23344 |
| 198 | 641454.56 | 4290226.75 | 641454.56, 429C | 2.34657 | 2.34671 | 2.34657 | 2.4968  |
| 199 | 641494.56 | 4290226.75 | 641494.56, 429C | 2.58635 | 2.5865  | 2.58635 | 2.78458 |
| 200 | 641534.56 | 4290226.75 | 641534.56, 429C | 2.84231 | 2.84245 | 2.84231 | 3.09444 |
| 201 | 641574.56 | 4290226.75 | 641574.56, 429C | 3.11474 | 3.11488 | 3.11474 | 3.42974 |
| 202 | 641614.56 | 4290226.75 | 641614.56, 429C | 3.40041 | 3.40054 | 3.40041 | 3.79303 |

|          |          |          |          |          |
|----------|----------|----------|----------|----------|
| 1.05E-03 | 1.68E-04 | 3.15E-03 | 1.55E-03 | 5.92E-03 |
| 1.12E-03 | 1.79E-04 | 3.35E-03 | 1.64E-03 | 6.29E-03 |
| 1.15E-03 | 1.84E-04 | 3.45E-03 | 1.68E-03 | 6.47E-03 |
| 1.14E-03 | 1.83E-04 | 3.43E-03 | 1.67E-03 | 6.42E-03 |
| 1.09E-03 | 1.74E-04 | 3.27E-03 | 1.60E-03 | 6.13E-03 |
| 9.98E-04 | 1.60E-04 | 3.00E-03 | 1.48E-03 | 5.64E-03 |
| 8.85E-04 | 1.42E-04 | 2.66E-03 | 1.33E-03 | 5.02E-03 |
| 7.65E-04 | 1.22E-04 | 2.30E-03 | 1.17E-03 | 4.36E-03 |
| 6.53E-04 | 1.04E-04 | 1.96E-03 | 1.02E-03 | 3.73E-03 |
| 5.54E-04 | 8.87E-05 | 1.66E-03 | 8.71E-04 | 3.18E-03 |
| 4.71E-04 | 7.54E-05 | 1.41E-03 | 7.46E-04 | 2.71E-03 |
| 2.12E-04 | 3.39E-05 | 6.35E-04 | 3.42E-04 | 1.22E-03 |
| 1.90E-04 | 3.05E-05 | 5.71E-04 | 3.08E-04 | 1.10E-03 |
| 1.72E-04 | 2.75E-05 | 5.16E-04 | 2.78E-04 | 9.94E-04 |
| 1.56E-04 | 2.50E-05 | 4.69E-04 | 2.53E-04 | 9.04E-04 |
| 1.43E-04 | 2.29E-05 | 4.29E-04 | 2.31E-04 | 8.26E-04 |
| 1.31E-04 | 2.10E-05 | 3.94E-04 | 2.12E-04 | 7.58E-04 |
| 1.21E-04 | 1.94E-05 | 3.63E-04 | 1.95E-04 | 6.99E-04 |
| 3.88E-04 | 6.21E-05 | 1.16E-03 | 5.93E-04 | 2.21E-03 |
| 4.50E-04 | 7.21E-05 | 1.35E-03 | 6.88E-04 | 2.56E-03 |
| 5.23E-04 | 8.37E-05 | 1.57E-03 | 8.00E-04 | 2.98E-03 |
| 6.04E-04 | 9.67E-05 | 1.81E-03 | 9.24E-04 | 3.44E-03 |
| 6.91E-04 | 1.11E-04 | 2.07E-03 | 1.05E-03 | 3.93E-03 |
| 7.78E-04 | 1.25E-04 | 2.33E-03 | 1.18E-03 | 4.42E-03 |
| 8.60E-04 | 1.38E-04 | 2.58E-03 | 1.29E-03 | 4.87E-03 |
| 9.27E-04 | 1.48E-04 | 2.78E-03 | 1.38E-03 | 5.24E-03 |
| 9.72E-04 | 1.56E-04 | 2.92E-03 | 1.44E-03 | 5.48E-03 |
| 9.89E-04 | 1.58E-04 | 2.97E-03 | 1.46E-03 | 5.57E-03 |
| 9.74E-04 | 1.56E-04 | 2.92E-03 | 1.44E-03 | 5.49E-03 |
| 9.29E-04 | 1.49E-04 | 2.79E-03 | 1.38E-03 | 5.24E-03 |
| 8.57E-04 | 1.37E-04 | 2.57E-03 | 1.28E-03 | 4.85E-03 |
| 7.69E-04 | 1.23E-04 | 2.31E-03 | 1.16E-03 | 4.36E-03 |
| 6.74E-04 | 1.08E-04 | 2.02E-03 | 1.03E-03 | 3.84E-03 |
| 5.84E-04 | 9.35E-05 | 1.75E-03 | 9.08E-04 | 3.34E-03 |
| 5.03E-04 | 8.05E-05 | 1.51E-03 | 7.90E-04 | 2.88E-03 |
| 4.33E-04 | 6.93E-05 | 1.30E-03 | 6.85E-04 | 2.49E-03 |
| 3.75E-04 | 6.00E-05 | 1.12E-03 | 5.95E-04 | 2.15E-03 |
| 3.26E-04 | 5.22E-05 | 9.78E-04 | 5.19E-04 | 1.88E-03 |
| 2.86E-04 | 4.57E-05 | 8.58E-04 | 4.56E-04 | 1.65E-03 |
| 2.53E-04 | 4.05E-05 | 7.60E-04 | 4.05E-04 | 1.46E-03 |
| 2.25E-04 | 3.60E-05 | 6.76E-04 | 3.62E-04 | 1.30E-03 |
| 3.85E-04 | 6.16E-05 | 1.15E-03 | 5.90E-04 | 2.19E-03 |
| 4.42E-04 | 7.07E-05 | 1.33E-03 | 6.79E-04 | 2.52E-03 |
| 5.06E-04 | 8.10E-05 | 1.52E-03 | 7.79E-04 | 2.89E-03 |
| 5.76E-04 | 9.21E-05 | 1.73E-03 | 8.85E-04 | 3.28E-03 |
| 6.46E-04 | 1.03E-04 | 1.94E-03 | 9.90E-04 | 3.68E-03 |
| 7.14E-04 | 1.14E-04 | 2.14E-03 | 1.09E-03 | 4.06E-03 |
| 7.75E-04 | 1.24E-04 | 2.33E-03 | 1.17E-03 | 4.39E-03 |
| 8.22E-04 | 1.32E-04 | 2.47E-03 | 1.23E-03 | 4.65E-03 |
| 8.51E-04 | 1.36E-04 | 2.55E-03 | 1.27E-03 | 4.81E-03 |
| 8.58E-04 | 1.37E-04 | 2.57E-03 | 1.27E-03 | 4.84E-03 |
| 8.42E-04 | 1.35E-04 | 2.52E-03 | 1.25E-03 | 4.75E-03 |
| 8.02E-04 | 1.28E-04 | 2.41E-03 | 1.20E-03 | 4.54E-03 |
| 7.44E-04 | 1.19E-04 | 2.23E-03 | 1.12E-03 | 4.22E-03 |
| 6.74E-04 | 1.08E-04 | 2.02E-03 | 1.02E-03 | 3.83E-03 |
| 5.99E-04 | 9.58E-05 | 1.80E-03 | 9.20E-04 | 3.41E-03 |
| 5.25E-04 | 8.40E-05 | 1.58E-03 | 8.17E-04 | 3.00E-03 |
| 4.58E-04 | 7.33E-05 | 1.37E-03 | 7.20E-04 | 2.62E-03 |
| 3.99E-04 | 6.38E-05 | 1.20E-03 | 6.31E-04 | 2.29E-03 |
| 3.48E-04 | 5.57E-05 | 1.04E-03 | 5.53E-04 | 2.00E-03 |
| 3.05E-04 | 4.89E-05 | 9.16E-04 | 4.86E-04 | 1.76E-03 |
| 2.70E-04 | 4.31E-05 | 8.09E-04 | 4.30E-04 | 1.55E-03 |
| 2.40E-04 | 3.83E-05 | 7.19E-04 | 3.83E-04 | 1.38E-03 |
| 2.14E-04 | 3.43E-05 | 6.43E-04 | 3.43E-04 | 1.23E-03 |
| 2.71E-04 | 4.34E-05 | 8.14E-04 | 4.62E-04 | 1.59E-03 |
| 3.00E-04 | 4.80E-05 | 9.01E-04 | 5.16E-04 | 1.77E-03 |
| 3.32E-04 | 5.31E-05 | 9.95E-04 | 5.77E-04 | 1.96     |

|     |           |            |                 |         |         |         |          |
|-----|-----------|------------|-----------------|---------|---------|---------|----------|
| 203 | 641654.56 | 4290226.75 | 641654.56, 429C | 3.70073 | 3.70084 | 3.70073 | 4.18345  |
| 204 | 641694.56 | 4290226.75 | 641694.56, 429C | 4.01404 | 4.01415 | 4.01404 | 4.57345  |
| 205 | 641734.56 | 4290226.75 | 641734.56, 429C | 4.35305 | 4.35319 | 4.35305 | 4.95948  |
| 206 | 641774.56 | 4290226.75 | 641774.56, 429C | 4.7636  | 4.76377 | 4.7636  | 5.43209  |
| 207 | 641814.56 | 4290226.75 | 641814.56, 429C | 5.22719 | 5.22735 | 5.22719 | 6.05768  |
| 208 | 641854.56 | 4290226.75 | 641854.56, 429C | 5.61167 | 5.61167 | 5.61167 | 6.69729  |
| 209 | 641894.56 | 4290226.75 | 641894.56, 429C | 5.75285 | 5.75263 | 5.75285 | 7.0178   |
| 210 | 641934.56 | 4290226.75 | 641934.56, 429C | 5.58543 | 5.58501 | 5.58543 | 6.81656  |
| 211 | 641974.56 | 4290226.75 | 641974.56, 429C | 5.179   | 5.17847 | 5.179   | 6.21273  |
| 212 | 642014.56 | 4290226.75 | 642014.56, 429C | 4.65363 | 4.65309 | 4.65363 | 5.44943  |
| 213 | 642054.56 | 4290226.75 | 642054.56, 429C | 4.10564 | 4.10514 | 4.10564 | 4.69249  |
| 214 | 642094.56 | 4290226.75 | 642094.56, 429C | 3.5901  | 3.58966 | 3.5901  | 4.01284  |
| 215 | 642134.56 | 4290226.75 | 642134.56, 429C | 3.1313  | 3.13093 | 3.1313  | 3.4313   |
| 216 | 642174.56 | 4290226.75 | 642174.56, 429C | 2.73289 | 2.73257 | 2.73289 | 2.94366  |
| 217 | 642214.56 | 4290226.75 | 642214.56, 429C | 2.38913 | 2.38886 | 2.38913 | 2.536    |
| 218 | 642254.56 | 4290226.75 | 642254.56, 429C | 2.0968  | 2.09658 | 2.0968  | 2.19836  |
| 219 | 642294.56 | 4290226.75 | 642294.56, 429C | 1.84992 | 1.84973 | 1.84992 | 1.91933  |
| 220 | 642334.56 | 4290226.75 | 642334.56, 429C | 1.64037 | 1.64021 | 1.64037 | 1.68691  |
| 221 | 642374.56 | 4290226.75 | 642374.56, 429C | 1.46042 | 1.46029 | 1.46042 | 1.49084  |
| 222 | 642414.56 | 4290226.75 | 642414.56, 429C | 1.30668 | 1.30657 | 1.30668 | 1.32599  |
| 223 | 642454.56 | 4290226.75 | 642454.56, 429C | 1.17547 | 1.17537 | 1.17547 | 1.18734  |
| 224 | 642494.56 | 4290226.75 | 642494.56, 429C | 1.06247 | 1.06239 | 1.06247 | 1.06954  |
| 225 | 642534.56 | 4290226.75 | 642534.56, 429C | 0.96484 | 0.96477 | 0.96484 | 0.96894  |
| 226 | 642574.56 | 4290226.75 | 642574.56, 429C | 0.88    | 0.87994 | 0.88    | 0.88233  |
| 227 | 642614.56 | 4290226.75 | 642614.56, 429C | 0.80701 | 0.80696 | 0.80701 | 0.80836  |
| 228 | 641374.56 | 4290266.75 | 641374.56, 429C | 2.09724 | 2.0974  | 2.09724 | 2.16744  |
| 229 | 641414.56 | 4290266.75 | 641414.56, 429C | 2.34911 | 2.34928 | 2.34911 | 2.45673  |
| 230 | 641454.56 | 4290266.75 | 641454.56, 429C | 2.62794 | 2.62812 | 2.62794 | 2.78733  |
| 231 | 641494.56 | 4290266.75 | 641494.56, 429C | 2.93458 | 2.93477 | 2.93458 | 3.159    |
| 232 | 641534.56 | 4290266.75 | 641534.56, 429C | 3.2698  | 3.26999 | 3.2698  | 3.57206  |
| 233 | 641574.56 | 4290266.75 | 641574.56, 429C | 3.63613 | 3.63633 | 3.63613 | 4.0301   |
| 234 | 641614.56 | 4290266.75 | 641614.56, 429C | 4.03153 | 4.03172 | 4.03153 | 4.53839  |
| 235 | 641654.56 | 4290266.75 | 641654.56, 429C | 4.44416 | 4.44433 | 4.44416 | 5.08726  |
| 236 | 641694.56 | 4290266.75 | 641694.56, 429C | 4.86504 | 4.86521 | 4.86504 | 5.63623  |
| 237 | 641734.56 | 4290266.75 | 641734.56, 429C | 5.33816 | 5.33836 | 5.33816 | 6.1975   |
| 238 | 641774.56 | 4290266.75 | 641774.56, 429C | 5.91818 | 5.91843 | 5.91818 | 6.89832  |
| 239 | 641814.56 | 4290266.75 | 641814.56, 429C | 6.53694 | 6.53711 | 6.53694 | 7.80688  |
| 240 | 641854.56 | 4290266.75 | 641854.56, 429C | 6.95565 | 6.95553 | 6.95565 | 8.58621  |
| 241 | 641894.56 | 4290266.75 | 641894.56, 429C | 6.94817 | 6.94771 | 6.94817 | 8.69338  |
| 242 | 641934.56 | 4290266.75 | 641934.56, 429C | 6.51816 | 6.51748 | 6.51816 | 8.04641  |
| 243 | 641974.56 | 4290266.75 | 641974.56, 429C | 5.83974 | 5.839   | 5.83974 | 7.01162  |
| 244 | 642014.56 | 4290266.75 | 642014.56, 429C | 5.09213 | 5.09143 | 5.09213 | 5.93367  |
| 245 | 642054.56 | 4290266.75 | 642054.56, 429C | 4.38331 | 4.38271 | 4.38331 | 4.96917  |
| 246 | 642094.56 | 4290266.75 | 642094.56, 429C | 3.76034 | 3.75984 | 3.76034 | 4.16125  |
| 247 | 642134.56 | 4290266.75 | 642134.56, 429C | 3.23046 | 3.23004 | 3.23046 | 3.50159  |
| 248 | 642174.56 | 4290266.75 | 642174.56, 429C | 2.78453 | 2.78419 | 2.78453 | 2.96604  |
| 249 | 642214.56 | 4290266.75 | 642214.56, 429C | 2.4103  | 2.41002 | 2.4103  | 2.53039  |
| 250 | 642254.56 | 4290266.75 | 642254.56, 429C | 2.09789 | 2.09766 | 2.09789 | 2.17621  |
| 251 | 642294.56 | 4290266.75 | 642294.56, 429C | 1.83945 | 1.83926 | 1.83945 | 1.8897   |
| 252 | 642334.56 | 4290266.75 | 642334.56, 429C | 1.62351 | 1.62335 | 1.62351 | 1.65513  |
| 253 | 642374.56 | 4290266.75 | 642374.56, 429C | 1.44068 | 1.44054 | 1.44068 | 1.4602   |
| 254 | 642414.56 | 4290266.75 | 642414.56, 429C | 1.28614 | 1.28602 | 1.28614 | 1.29804  |
| 255 | 642454.56 | 4290266.75 | 642454.56, 429C | 1.15601 | 1.15592 | 1.15601 | 1.16329  |
| 256 | 642494.56 | 4290266.75 | 642494.56, 429C | 1.04478 | 1.0447  | 1.04478 | 1.04932  |
| 257 | 642534.56 | 4290266.75 | 642534.56, 429C | 0.94915 | 0.94908 | 0.94915 | 0.95213  |
| 258 | 642574.56 | 4290266.75 | 642574.56, 429C | 0.86592 | 0.86586 | 0.86592 | 0.86801  |
| 259 | 642614.56 | 4290266.75 | 642614.56, 429C | 0.79436 | 0.79431 | 0.79436 | 0.79593  |
| 260 | 641374.56 | 4290306.75 | 641374.56, 429C | 2.28677 | 2.28696 | 2.28677 | 2.34261  |
| 261 | 641414.56 | 4290306.75 | 641414.56, 429C | 2.59667 | 2.59689 | 2.59667 | 2.69305  |
| 262 | 641454.56 | 4290306.75 | 641454.56, 429C | 2.94841 | 2.94865 | 2.94841 | 3.10629  |
| 263 | 641494.56 | 4290306.75 | 641494.56, 429C | 3.34903 | 3.34929 | 3.34903 | 3.5928   |
| 264 | 641534.56 | 4290306.75 | 641534.56, 429C | 3.80137 | 3.80165 | 3.80137 | 4.15811  |
| 265 | 641574.56 | 4290306.75 | 641574.56, 429C | 4.30717 | 4.30745 | 4.30717 | 4.80315  |
| 266 | 641614.56 | 4290306.75 | 641614.56, 429C | 4.85124 | 4.85152 | 4.85124 | 5.51733  |
| 267 | 641654.56 | 4290306.75 | 641654.56, 429C | 5.42595 | 5.42621 | 5.42595 | 6.30647  |
| 268 | 641694.56 | 4290306.75 | 641694.56, 429C | 6.03471 | 6.03495 | 6.03471 | 7.13858  |
| 269 | 641734.56 | 4290306.75 | 641734.56, 429C | 6.7218  | 6.72209 | 6.7218  | 7.99779  |
| 270 | 641774.56 | 4290306.75 | 641774.56, 429C | 7.55506 | 7.55541 | 7.55506 | 9.07311  |
| 271 | 641814.56 | 4290306.75 | 641814.56, 429C | 8.38435 | 8.38447 | 8.38435 | 10.42154 |
| 272 | 641854.56 | 4290306.75 | 641854.56, 429C | 8.75646 | 8.75605 | 8.75646 | 11.23762 |
| 273 | 641894.56 | 4290306.75 | 641894.56, 429C | 8.41812 | 8.41726 | 8.41812 | 10.77216 |

|          |          |          |          |          |
|----------|----------|----------|----------|----------|
| 5.23E-04 | 8.37E-05 | 1.57E-03 | 9.67E-04 | 3.14E-03 |
| 5.67E-04 | 9.08E-05 | 1.70E-03 | 1.06E-03 | 3.42E-03 |
| 6.15E-04 | 9.85E-05 | 1.85E-03 | 1.15E-03 | 3.71E-03 |
| 6.73E-04 | 1.08E-04 | 2.02E-03 | 1.26E-03 | 4.06E-03 |
| 7.39E-04 | 1.18E-04 | 2.22E-03 | 1.40E-03 | 4.47E-03 |
| 7.93E-04 | 1.27E-04 | 2.38E-03 | 1.55E-03 | 4.85E-03 |
| 8.13E-04 | 1.30E-04 | 2.44E-03 | 1.62E-03 | 5.01E-03 |
| 7.90E-04 | 1.26E-04 | 2.37E-03 | 1.58E-03 | 4.86E-03 |
| 7.32E-04 | 1.17E-04 | 2.20E-03 | 1.44E-03 | 4.48E-03 |
| 6.58E-04 | 1.05E-04 | 1.97E-03 | 1.26E-03 | 4.00E-03 |
| 5.80E-04 | 9.28E-05 | 1.74E-03 | 1.08E-03 | 3.50E-03 |
| 5.07E-04 | 8.12E-05 | 1.52E-03 | 9.28E-04 | 3.04E-03 |
| 4.43E-04 | 7.08E-05 | 1.33E-03 | 7.93E-04 | 2.63E-03 |
| 3.86E-04 | 6.18E-05 | 1.16E-03 | 6.80E-04 | 2.29E-03 |
| 3.38E-04 | 5.40E-05 | 1.01E-03 | 5.86E-04 | 1.99E-03 |
| 2.96E-04 | 4.74E-05 | 8.89E-04 | 5.08E-04 | 1.74E-03 |
| 2.62E-04 | 4.18E-05 | 7.85E-04 | 4.44E-04 | 1.53E-03 |
| 2.32E-04 | 3.71E-05 | 6.96E-04 | 3.90E-04 | 1.35E-03 |
| 2.06E-04 | 3.30E-05 | 6.19E-04 | 3.45E-04 | 1.20E-03 |
| 1.85E-04 | 2.96E-05 | 5.54E-04 | 3.06E-04 | 1.07E-03 |
| 1.66E-04 | 2.66E-05 | 4.98E-04 | 2.74E-04 | 9.66E-04 |
| 1.50E-04 | 2.40E-05 | 4.51E-04 | 2.47E-04 | 8.72E-04 |
| 1.36E-04 | 2.18E-05 | 4.09E-04 | 2.24E-04 | 7.91E-04 |
| 1.24E-04 | 1.99E-05 | 3.73E-04 | 2.04E-04 | 7.21E-04 |
| 1.14E-04 | 1.83E-05 | 3.42E-04 | 1.87E-04 | 6.61E-04 |
| 2.96E-04 | 4.74E-05 | 8.89E-04 | 5.01E-04 | 1.73E-03 |
| 3.32E-04 | 5.31E-05 | 9.96E-04 | 5.68E-04 | 1.95E-03 |
| 3.71E-04 | 5.94E-05 | 1.11E-03 | 6.44E-04 | 2.19E-03 |
| 4.15E-04 | 6.64E-05 | 1.24E-03 | 7.30E-04 | 2.46E-03 |
| 4.62E-04 | 7.40E-05 | 1.39E-03 | 8.26E-04 | 2.75E-03 |
| 5.14E-04 | 8.22E-05 | 1.54E-03 | 9.32E-04 | 3.07E-03 |
| 5.70E-04 | 9.12E-05 | 1.71E-03 | 1.05E-03 | 3.42E-03 |
| 6.28E-04 | 1.01E-04 | 1.88E-03 | 1.18E-03 | 3.79E-03 |
| 6.88E-04 | 1.10E-04 | 2.06E-03 | 1.30E-03 | 4.16E-03 |
| 7.55E-04 | 1.21E-04 | 2.26E-03 | 1.43E-03 | 4.57E-03 |
| 8.37E-04 | 1.34E-04 | 2.51E-03 | 1.59E-03 | 5.07E-03 |
| 9.24E-04 | 1.48E-04 | 2.77E-03 | 1.80E-03 | 5.65E-03 |
| 9.83E-04 | 1.57E-04 | 2.95E-03 | 1.98E-03 | 6.07E-03 |
| 9.82E-04 | 1.57E-04 | 2.95E-03 | 2.01E-03 | 6.10E-03 |
| 9.21E-04 | 1.47E-04 | 2.76E-03 | 1.86E-03 | 5.69E-03 |
| 8.26E-04 | 1.32E-04 | 2.48E-03 | 1.62E-03 | 5.05E-03 |
| 7.20E-04 | 1.15E-04 | 2.16E-03 | 1.37E-03 | 4.37E-03 |
| 6.20E-04 | 9.91E-05 | 1.86E-03 | 1.15E-03 | 3.73E-03 |
| 5.32E-04 | 8.50E-05 | 1.59E-03 | 9.62E-04 | 3.17E-03 |
| 4.57E-04 | 7.31E-05 | 1.37E-03 | 8.09E-04 | 2.71E-03 |
| 3.94E-04 | 6.30E-05 | 1.18E-03 | 6.86E-04 | 2.32E-03 |
| 3.41E-04 | 5.45E-05 | 1.02E-03 | 5.85E-04 | 2.00E-03 |
| 2.97E-04 | 4.74E-05 | 8.90E-04 | 5.03E-04 | 1.74E-03 |
| 2.60E-04 | 4.16E-05 | 7.80E-04 | 4.37E-04 | 1.52E-03 |
| 2.29E-04 | 3.67E-05 | 6.88E-04 | 3.83E-04 | 1.34E-03 |
| 2.04E-04 | 3.26E-05 | 6.11E-04 | 3.38E-04 | 1.18E-03 |
| 1.82E-04 | 2.91E-05 | 5.45E-04 | 3.00E-04 | 1.06E-03 |
| 1.63E-04 | 2.61E-05 | 4.90E-04 | 2.69E-04 | 9.49E-04 |
| 1.48E-04 | 2.36E-05 | 4.43E-04 | 2.43E-04 | 8.57E-04 |
| 1.34E-04 | 2.15E-05 | 4.03E-04 | 2.20E-04 | 7.78E-04 |
| 1.22E-04 | 1.96E-05 | 3.67E-04 | 2.01E-04 | 7.10E-04 |
| 1.12E-04 | 1.80E-05 | 3.37E-04 | 1.84E-04 | 6.51E-04 |
| 3.23E-04 | 5.17E-05 | 9.70E-04 | 5.41E-04 | 1.89E-03 |
| 3.67E-04 | 5.87E-05 | 1.10E-03 | 6.22E-04 | 2.15E-03 |
| 4.17E-04 | 6.67E-05 | 1.25E-03 | 7.18E-04 | 2.45E-03 |
| 4.73E-04 | 7.58E-05 | 1.42E-03 | 8.30E-04 | 2.80E-03 |
| 5.37E-04 | 8.60E-05 | 1.61E-03 | 9.61E-04 | 3.20E-03 |
| 6.09E-04 | 9.74E-05 | 1.83E-03 | 1.11E-03 | 3.64E-03 |
| 6.86E-04 | 1.10E-04 | 2.06E-03 | 1.28E-03 | 4.13E-03 |
| 7.67E-04 | 1.23E-04 | 2.30E-03 | 1.46E-03 | 4.65E-03 |
| 8.53E-04 | 1.36E-04 | 2.56E-03 | 1.65E-03 | 5.20E-03 |
| 9.50E-04 | 1.52E-04 | 2.85E-03 | 1.85E-03 | 5.80E-03 |



|     |           |            |                 |          |          |          |          |
|-----|-----------|------------|-----------------|----------|----------|----------|----------|
| 274 | 641934.56 | 4290306.75 | 641934.56, 429C | 7.55883  | 7.55779  | 7.55883  | 9.38371  |
| 275 | 641974.56 | 4290306.75 | 641974.56, 429C | 6.50969  | 6.50869  | 6.50969  | 7.78286  |
| 276 | 642014.56 | 4290306.75 | 642014.56, 429C | 5.49685  | 5.496    | 5.49685  | 6.34577  |
| 277 | 642054.56 | 4290306.75 | 642054.56, 429C | 4.61508  | 4.61438  | 4.61508  | 5.16849  |
| 278 | 642094.56 | 4290306.75 | 642094.56, 429C | 3.88668  | 3.88612  | 3.88668  | 4.243    |
| 279 | 642134.56 | 4290306.75 | 642134.56, 429C | 3.28892  | 3.28847  | 3.28892  | 3.51548  |
| 280 | 642174.56 | 4290306.75 | 642174.56, 429C | 2.80177  | 2.80141  | 2.80177  | 2.94411  |
| 281 | 642214.56 | 4290306.75 | 642214.56, 429C | 2.40479  | 2.4045   | 2.40479  | 2.49312  |
| 282 | 642254.56 | 4290306.75 | 642254.56, 429C | 2.0804   | 2.08016  | 2.0804   | 2.13462  |
| 283 | 642294.56 | 4290306.75 | 642294.56, 429C | 1.81535  | 1.81516  | 1.81535  | 1.84846  |
| 284 | 642334.56 | 4290306.75 | 642334.56, 429C | 1.59711  | 1.59695  | 1.59711  | 1.61742  |
| 285 | 642374.56 | 4290306.75 | 642374.56, 429C | 1.41404  | 1.41391  | 1.41404  | 1.42671  |
| 286 | 642414.56 | 4290306.75 | 642414.56, 429C | 1.2615   | 1.26139  | 1.2615   | 1.26973  |
| 287 | 642454.56 | 4290306.75 | 642454.56, 429C | 1.13426  | 1.13416  | 1.13426  | 1.1399   |
| 288 | 642494.56 | 4290306.75 | 642494.56, 429C | 1.02591  | 1.02583  | 1.02591  | 1.03002  |
| 289 | 642534.56 | 4290306.75 | 642534.56, 429C | 0.93288  | 0.93281  | 0.93288  | 0.93602  |
| 290 | 642574.56 | 4290306.75 | 642574.56, 429C | 0.85209  | 0.85203  | 0.85209  | 0.85454  |
| 291 | 642614.56 | 4290306.75 | 642614.56, 429C | 0.76059  | 0.76054  | 0.76059  | 0.77783  |
| 292 | 641374.56 | 4290346.75 | 641374.56, 429C | 2.48694  | 2.48718  | 2.48694  | 2.52166  |
| 293 | 641414.56 | 4290346.75 | 641414.56, 429C | 2.86305  | 2.86333  | 2.86305  | 2.93638  |
| 294 | 641454.56 | 4290346.75 | 641454.56, 429C | 3.31258  | 3.31291  | 3.31258  | 3.45177  |
| 295 | 641494.56 | 4290346.75 | 641494.56, 429C | 3.84303  | 3.84339  | 3.84303  | 4.08768  |
| 296 | 641534.56 | 4290346.75 | 641534.56, 429C | 4.45452  | 4.45492  | 4.45452  | 4.85733  |
| 297 | 641574.56 | 4290346.75 | 641574.56, 429C | 5.14702  | 5.14744  | 5.14702  | 5.76696  |
| 298 | 641614.56 | 4290346.75 | 641614.56, 429C | 5.92906  | 5.92949  | 5.92906  | 6.82417  |
| 299 | 641654.56 | 4290346.75 | 641654.56, 429C | 6.79285  | 6.79326  | 6.79285  | 8.03825  |
| 300 | 641694.56 | 4290346.75 | 641694.56, 429C | 7.70925  | 7.70963  | 7.70925  | 9.36737  |
| 301 | 641734.56 | 4290346.75 | 641734.56, 429C | 8.74575  | 8.74622  | 8.74575  | 10.75745 |
| 302 | 641774.56 | 4290346.75 | 641774.56, 429C | 10.01809 | 10.01858 | 10.01809 | 12.54691 |
| 303 | 641814.56 | 4290346.75 | 641814.56, 429C | 11.09559 | 11.0955  | 11.09559 | 14.54866 |
| 304 | 641854.56 | 4290346.75 | 641854.56, 429C | 11.16926 | 11.16826 | 11.16926 | 14.93706 |
| 305 | 641894.56 | 4290346.75 | 641894.56, 429C | 10.15497 | 10.15346 | 10.15497 | 13.19741 |
| 306 | 641934.56 | 4290346.75 | 641934.56, 429C | 8.63804  | 8.63654  | 8.63804  | 10.69808 |
| 307 | 641974.56 | 4290346.75 | 641974.56, 429C | 7.1315   | 7.13021  | 7.1315   | 8.43398  |
| 308 | 642014.56 | 4290346.75 | 642014.56, 429C | 5.83421  | 5.83319  | 5.83421  | 6.63307  |
| 309 | 642054.56 | 4290346.75 | 642054.56, 429C | 4.78242  | 4.78163  | 4.78242  | 5.2633   |
| 310 | 642094.56 | 4290346.75 | 642094.56, 429C | 3.95358  | 3.95296  | 3.95358  | 4.23992  |
| 311 | 642134.56 | 4290346.75 | 642134.56, 429C | 3.29718  | 3.2967   | 3.29718  | 3.4661   |
| 312 | 642174.56 | 4290346.75 | 642174.56, 429C | 2.78194  | 2.78157  | 2.78194  | 2.88153  |
| 313 | 642214.56 | 4290346.75 | 642214.56, 429C | 2.37237  | 2.37208  | 2.37237  | 2.43143  |
| 314 | 642254.56 | 4290346.75 | 642254.56, 429C | 2.04529  | 2.04506  | 2.04529  | 2.08101  |
| 315 | 642294.56 | 4290346.75 | 642294.56, 429C | 1.7808   | 1.78061  | 1.7808   | 1.80318  |
| 316 | 642334.56 | 4290346.75 | 642334.56, 429C | 1.56465  | 1.56449  | 1.56465  | 1.57937  |
| 317 | 642374.56 | 4290346.75 | 642374.56, 429C | 1.38567  | 1.38555  | 1.38567  | 1.39591  |
| 318 | 642414.56 | 4290346.75 | 642414.56, 429C | 1.23688  | 1.23677  | 1.23688  | 1.24438  |
| 319 | 642454.56 | 4290346.75 | 642454.56, 429C | 1.11279  | 1.1127   | 1.11279  | 1.11849  |
| 320 | 642494.56 | 4290346.75 | 642494.56, 429C | 1.00744  | 1.00736  | 1.00744  | 1.01185  |
| 321 | 642534.56 | 4290346.75 | 642534.56, 429C | 0.91703  | 0.91697  | 0.91703  | 0.92041  |
| 322 | 642574.56 | 4290346.75 | 642574.56, 429C | 0.83849  | 0.83844  | 0.83849  | 0.84102  |
| 323 | 642614.56 | 4290346.75 | 642614.56, 429C | 0.74052  | 0.74048  | 0.74052  | 0.75743  |
| 324 | 641374.56 | 4290386.75 | 641374.56, 429C | 2.69188  | 2.69217  | 2.69188  | 2.70607  |
| 325 | 641414.56 | 4290386.75 | 641414.56, 429C | 3.14389  | 3.14425  | 3.14389  | 3.18582  |
| 326 | 641454.56 | 4290386.75 | 641454.56, 429C | 3.70633  | 3.70677  | 3.70633  | 3.80582  |
| 327 | 641494.56 | 4290386.75 | 641494.56, 429C | 4.39302  | 4.39354  | 4.39302  | 4.60813  |
| 328 | 641534.56 | 4290386.75 | 641534.56, 429C | 5.23528  | 5.23586  | 5.23528  | 5.65119  |
| 329 | 641574.56 | 4290386.75 | 641574.56, 429C | 6.24926  | 6.24991  | 6.24926  | 6.98551  |
| 330 | 641614.56 | 4290386.75 | 641614.56, 429C | 7.43023  | 7.43092  | 7.43023  | 8.63095  |
| 331 | 641654.56 | 4290386.75 | 641654.56, 429C | 8.77093  | 8.77161  | 8.77093  | 10.60296 |
| 332 | 641694.56 | 4290386.75 | 641694.56, 429C | 10.22739 | 10.22804 | 10.22739 | 12.87854 |
| 333 | 641734.56 | 4290386.75 | 641734.56, 429C | 11.90632 | 11.90712 | 11.90632 | 15.344   |
| 334 | 641774.56 | 4290386.75 | 641774.56, 429C | 13.94789 | 13.94852 | 13.94789 | 18.59391 |
| 335 | 641814.56 | 4290386.75 | 641814.56, 429C | 15.1877  | 15.18691 | 15.1877  | 21.34621 |
| 336 | 641854.56 | 4290386.75 | 641854.56, 429C | 14.34365 | 14.34148 | 14.34365 | 19.90721 |
| 337 | 641894.56 | 4290386.75 | 641894.56, 429C | 12.0861  | 12.08365 | 12.0861  | 15.76425 |
| 338 | 641934.56 | 4290386.75 | 641934.56, 429C | 9.6599   | 9.65784  | 9.6599   | 11.81022 |
| 339 | 641974.56 | 4290386.75 | 641974.56, 429C | 7.62302  | 7.62145  | 7.62302  | 8.83262  |
| 340 | 642014.56 | 4290386.75 | 642014.56, 429C | 6.04912  | 6.04796  | 6.04912  | 6.71828  |
| 341 | 642054.56 | 4290386.75 | 642054.56, 429C | 4.854    | 4.85314  | 4.854    | 5.22119  |
| 342 | 642094.56 | 4290386.75 | 642094.56, 429C | 3.94979  | 3.94915  | 3.94979  | 4.15227  |
| 343 | 642134.56 | 4290386.75 | 642134.56, 429C | 3.25882  | 3.25834  | 3.25882  | 3.37254  |
| 344 | 642174.56 | 4290386.75 | 642174.56, 429C | 2.73295  | 2.73258  | 2.73295  | 2.79945  |

|          |          |          |          |          |
|----------|----------|----------|----------|----------|
| 1.07E-03 | 1.71E-04 | 3.21E-03 | 2.17E-03 | 6.61E-03 |
| 9.20E-04 | 1.47E-04 | 2.76E-03 | 1.80E-03 | 5.63E-03 |
| 7.77E-04 | 1.24E-04 | 2.33E-03 | 1.47E-03 | 4.70E-03 |
| 6.52E-04 | 1.04E-04 | 1.96E-03 | 1.19E-03 | 3.91E-03 |
| 5.49E-04 | 8.79E-05 | 1.65E-03 | 9.81E-04 | 3.27E-03 |
| 4.65E-04 | 7.44E-05 | 1.39E-03 | 8.13E-04 | 2.75E-03 |
| 3.96E-04 | 6.34E-05 | 1.19E-03 | 6.81E-04 | 2.33E-03 |
| 3.40E-04 | 5.44E-05 | 1.02E-03 | 5.76E-04 | 1.99E-03 |
| 2.94E-04 | 4.70E-05 | 8.82E-04 | 4.93E-04 | 1.72E-03 |
| 2.57E-04 | 4.11E-05 | 7.70E-04 | 4.27E-04 | 1.49E-03 |
| 2.26E-04 | 3.61E-05 | 6.77E-04 | 3.74E-04 | 1.31E-03 |
| 2.00E-04 | 3.20E-05 | 6.00E-04 | 3.30E-04 | 1.16E-03 |
| 1.78E-04 | 2.85E-05 | 5.35E-04 | 2.93E-04 | 1.04E-03 |
| 1.60E-04 | 2.57E-05 | 4.81E-04 | 2.63E-04 | 9.30E-04 |
| 1.45E-04 | 2.32E-05 | 4.35E-04 | 2.38E-04 | 8.41E-04 |
| 1.32E-04 | 2.11E-05 | 3.96E-04 | 2.16E-04 | 7.65E-04 |
| 1.20E-04 | 1.93E-05 | 3.61E-04 | 1.98E-04 | 6.99E-04 |
| 1.08E-04 | 1.72E-05 | 3.23E-04 | 1.80E-04 | 6.27E-04 |
| 3.52E-04 | 5.63E-05 | 1.05E-03 | 5.83E-04 | 2.05E-03 |
| 4.05E-04 | 6.48E-05 | 1.21E-03 | 6.79E-04 | 2.36E-03 |
| 4.68E-04 | 7.49E-05 | 1.40E-03 | 7.98E-04 | 2.75E-03 |
| 5.43E-04 | 8.69E-05 | 1.63E-03 | 9.45E-04 | 3.20E-03 |
| 6.30E-04 | 1.01E-04 | 1.89E-03 | 1.12E-03 | 3.74E-03 |
| 7.28E-04 | 1.16E-04 | 2.18E-03 | 1.33E-03 | 4.36E-03 |
| 8.38E-04 | 1.34E-04 | 2.51E-03 | 1.58E-03 | 5.06E-03 |
| 9.60E-04 | 1.54E-04 | 2.88E-03 | 1.86E-03 | 5.85E-03 |
| 1.09E-03 | 1.74E-04 | 3.27E-03 | 2.17E-03 | 6.70E-03 |
| 1.24E-03 | 1.98E-04 | 3.71E-03 | 2.49E-03 | 7.63E-03 |
| 1.42E-03 | 2.27E-04 | 4.25E-03 | 2.90E-03 | 8.79E-03 |
| 1.57E-03 | 2.51E-04 | 4.71E-03 | 3.36E-03 | 9.89E-03 |
| 1.58E-03 | 2.53E-04 | 4.74E-03 | 3.45E-03 | 1.00E-02 |
| 1.44E-03 | 2.30E-04 | 4.31E-03 | 3.05E-03 | 9.02E-03 |
| 1.22E-03 | 1.95E-04 | 3.66E-03 | 2.47E-03 | 7.55E-03 |
| 1.01E-03 | 1.61E-04 | 3.02E-03 | 1.95E-03 | 6.14E-03 |
| 8.25E-04 | 1.32E-04 | 2.47E-03 | 1.53E-03 | 4.96E-03 |
| 6.76E-04 | 1.08E-04 | 2.03E-03 | 1.22E-03 | 4.03E-03 |
| 5.59E-04 | 8.94E-05 | 1.68E-03 | 9.80E-04 | 3.30E-03 |
| 4.66E-04 | 7.46E-05 | 1.40E-03 | 8.01E-04 | 2.74E-03 |
| 3.93E-04 | 6.29E-05 | 1.18E-03 | 6.66E-04 | 2.30E-03 |
| 3.35E-04 | 5.37E-05 | 1.01E-03 | 5.62E-04 | 1.96E-03 |
| 2.89E-04 | 4.63E-05 | 8.67E-04 | 4.81E-04 | 1.68E-03 |
| 2.52E-04 | 4.03E-05 | 7.55E-04 | 4.17E-04 | 1.46E-03 |
| 2.21E-04 | 3.54E-05 | 6.64E-04 | 3.65E-04 | 1.29E-03 |
| 1.96E-04 | 3.13E-05 | 5.88E-04 | 3.23E-04 | 1.14E-03 |
| 1.75E-04 | 2.80E-05 | 5.25E-04 | 2.88E-04 | 1.01E-03 |
| 1.57E-04 | 2.52E-05 | 4.72E-04 | 2.59E-04 | 9.13E-04 |
| 1.42E-04 | 2.28E-05 | 4.27E-04 | 2.34E-04 | 8.26E-04 |
| 1.30E-04 | 2.07E-05 | 3.89E-04 | 2.13E-04 | 7.52E-04 |
| 1.19E-04 | 1.90E-05 | 3.56E-04 | 1.94E-04 | 6.87E-04 |
| 1.05E-04 | 1.67E-05 | 3.14E-04 | 1.75E-04 | 6.11E-04 |
| 3.81E-04 | 6.09E-05 | 1.14E-03 | 6.25E-04 | 2.21E-03 |
| 4.44E-04 | 7.11E-05 | 1.33E-03 | 7.36E-04 | 2.59E-03 |
| 5.24E-04 | 8.38E-05 | 1.57E-03 | 8.80E-04 | 3.06E-03 |
| 6.21E-04 | 9.94E-05 | 1.86E-03 | 1.07E-03 | 3.65E-03 |
| 7.40E-04 | 1.18E-04 | 2.22E-03 | 1.31E-03 | 4.38E-03 |
| 8.83E-04 | 1.41E-04 | 2.65E-03 | 1.61E-03 | 5.29E-03 |
| 1.05E-03 | 1.68E-04 | 3.15E-03 | 2.00E-03 | 6.36E-03 |
| 1.24E-03 | 1.98E-04 | 3.72E-03 | 2.45E-03 | 7.61E-03 |
| 1.45E-03 | 2.31E-04 | 4.34E-03 | 2.98E-03 | 8.99E-03 |
| 1.68E-03 | 2.69E-04 | 5.05E-03 | 3.55E-03 | 1.05E-02 |
| 1.97E-03 | 3.15E-04 | 5.91E-03 | 4.30E-03 | 1.25E-02 |
| 2.15E-03 | 3.43E-04 | 6.44E-03 | 4.93E-03 | 1.39E-02 |
| 2.03E-03 | 3.24E-04 | 6.08E-03 | 4.60E-03 | 1.30E-02 |
| 1.71E-03 | 2.73E-04 | 5.13E-03 | 3.64E-03 | 1.08E-02 |
| 1.37E-03 | 2.18E-04 | 4.10E-03 | 2.73E-03 | 8.41E-03 |
| 1.08E-03 | 1.72E-04 | 3.23E-03 | 2.04E-03 | 6.52E-03 |
| 8.55E-04 | 1.37E-04 | 2.57E-03 | 1.55E-03 | 5.11E-03 |
| 6.86E-04 | 1.10E-04 | 2.06E-03 | 1.21E-03 | 4.06E-03 |
| 5.58E-04 | 8.93E-05 | 1.68E-03 | 9.60E-04 | 3.28E-03 |
| 4.61E-04 | 7.37E-05 | 1.38E-03 | 7.80E-04 | 2.70E-03 |
| 3.86E-04 | 6.18E-05 | 1.16E-03 | 6.47E-04 | 2.25E-03 |

|     |           |            |                 |          |          |          |          |
|-----|-----------|------------|-----------------|----------|----------|----------|----------|
| 345 | 642214.56 | 4290386.75 | 642214.56, 429C | 2.32321  | 2.32292  | 2.32321  | 2.36416  |
| 346 | 642254.56 | 4290386.75 | 642254.56, 429C | 2.00007  | 1.99984  | 2.00007  | 2.02687  |
| 347 | 642294.56 | 4290386.75 | 642294.56, 429C | 1.74086  | 1.74067  | 1.74086  | 1.75947  |
| 348 | 642334.56 | 4290386.75 | 642334.56, 429C | 1.52985  | 1.5297   | 1.52985  | 1.5434   |
| 349 | 642374.56 | 4290386.75 | 642374.56, 429C | 1.35647  | 1.35635  | 1.35647  | 1.36662  |
| 350 | 642414.56 | 4290386.75 | 642414.56, 429C | 1.21195  | 1.21185  | 1.21195  | 1.21963  |
| 351 | 642454.56 | 4290386.75 | 642454.56, 429C | 1.09192  | 1.09183  | 1.09192  | 1.09772  |
| 352 | 642494.56 | 4290386.75 | 642494.56, 429C | 0.9898   | 0.98973  | 0.9898   | 0.9941   |
| 353 | 642534.56 | 4290386.75 | 642534.56, 429C | 0.90207  | 0.902    | 0.90207  | 0.90513  |
| 354 | 642574.56 | 4290386.75 | 642574.56, 429C | 0.82573  | 0.82567  | 0.82573  | 0.82776  |
| 355 | 642614.56 | 4290386.75 | 642614.56, 429C | 0.75928  | 0.75923  | 0.75928  | 0.76046  |
| 356 | 641374.56 | 4290426.75 | 641374.56, 429C | 2.89884  | 2.89919  | 2.89884  | 2.89903  |
| 357 | 641414.56 | 4290426.75 | 641414.56, 429C | 3.43379  | 3.43423  | 3.43379  | 3.44669  |
| 358 | 641454.56 | 4290426.75 | 641454.56, 429C | 4.11935  | 4.11991  | 4.11935  | 4.17059  |
| 359 | 641494.56 | 4290426.75 | 641494.56, 429C | 5.00156  | 5.00228  | 5.00156  | 5.1489   |
| 360 | 641534.56 | 4290426.75 | 641534.56, 429C | 6.18008  | 6.18096  | 6.18008  | 6.52864  |
| 361 | 641574.56 | 4290426.75 | 641574.56, 429C | 7.68415  | 7.6852   | 7.68415  | 8.45545  |
| 362 | 641614.56 | 4290426.75 | 641614.56, 429C | 9.53487  | 9.53606  | 9.53487  | 11.09154 |
| 363 | 641654.56 | 4290426.75 | 641654.56, 429C | 11.7479  | 11.74913 | 11.7479  | 14.55359 |
| 364 | 641694.56 | 4290426.75 | 641694.56, 429C | 14.26299 | 14.26418 | 14.26299 | 18.85515 |
| 365 | 641734.56 | 4290426.75 | 641734.56, 429C | 17.2915  | 17.29298 | 17.2915  | 23.94044 |
| 366 | 641774.56 | 4290426.75 | 641774.56, 429C | 20.76454 | 20.76508 | 20.76454 | 30.57199 |
| 367 | 641814.56 | 4290426.75 | 641814.56, 429C | 21.4823  | 21.47946 | 21.4823  | 32.81344 |
| 368 | 641854.56 | 4290426.75 | 641854.56, 429C | 18.28989 | 18.28559 | 18.28989 | 25.94384 |
| 369 | 641894.56 | 4290426.75 | 641894.56, 429C | 14.03392 | 14.03026 | 14.03392 | 18.0529  |
| 370 | 641934.56 | 4290426.75 | 641934.56, 429C | 10.48741 | 10.48479 | 10.48741 | 12.46423 |
| 371 | 641974.56 | 4290426.75 | 641974.56, 429C | 7.91625  | 7.91444  | 7.91625  | 8.87965  |
| 372 | 642014.56 | 4290426.75 | 642014.56, 429C | 6.10536  | 6.1041   | 6.10536  | 6.58322  |
| 373 | 642054.56 | 4290426.75 | 642054.56, 429C | 4.81532  | 4.81443  | 4.81532  | 5.06213  |
| 374 | 642094.56 | 4290426.75 | 642094.56, 429C | 3.87906  | 3.87842  | 3.87906  | 4.01461  |
| 375 | 642134.56 | 4290426.75 | 642134.56, 429C | 3.18608  | 3.18561  | 3.18608  | 3.26627  |
| 376 | 642174.56 | 4290426.75 | 642174.56, 429C | 2.66549  | 2.66513  | 2.66549  | 2.71683  |
| 377 | 642214.56 | 4290426.75 | 642214.56, 429C | 2.26461  | 2.26433  | 2.26461  | 2.29967  |
| 378 | 642254.56 | 4290426.75 | 642254.56, 429C | 1.95004  | 1.94982  | 1.95004  | 1.97511  |
| 379 | 642294.56 | 4290426.75 | 642294.56, 429C | 1.69985  | 1.69967  | 1.69985  | 1.71829  |
| 380 | 642334.56 | 4290426.75 | 642334.56, 429C | 1.49639  | 1.49625  | 1.49639  | 1.51013  |
| 381 | 642374.56 | 4290426.75 | 642374.56, 429C | 1.32899  | 1.32887  | 1.32899  | 1.33921  |
| 382 | 642414.56 | 4290426.75 | 642414.56, 429C | 1.18926  | 1.18916  | 1.18926  | 1.19676  |
| 383 | 642454.56 | 4290426.75 | 642454.56, 429C | 1.07245  | 1.07237  | 1.07245  | 1.07785  |
| 384 | 642494.56 | 4290426.75 | 642494.56, 429C | 0.97335  | 0.97328  | 0.97335  | 0.97713  |
| 385 | 642534.56 | 4290426.75 | 642534.56, 429C | 0.88827  | 0.8882   | 0.88827  | 0.89077  |
| 386 | 642574.56 | 4290426.75 | 642574.56, 429C | 0.81392  | 0.81387  | 0.81392  | 0.81541  |
| 387 | 642614.56 | 4290426.75 | 642614.56, 429C | 0.74947  | 0.74942  | 0.74947  | 0.75018  |
| 388 | 641374.56 | 4290466.75 | 641374.56, 429C | 3.10877  | 3.10917  | 3.10877  | 3.0925   |
| 389 | 641414.56 | 4290466.75 | 641414.56, 429C | 3.72191  | 3.72243  | 3.72191  | 3.71177  |
| 390 | 641454.56 | 4290466.75 | 641454.56, 429C | 4.53974  | 4.54044  | 4.53974  | 4.54804  |
| 391 | 641494.56 | 4290466.75 | 641494.56, 429C | 5.65432  | 5.65527  | 5.65432  | 5.71677  |
| 392 | 641534.56 | 4290466.75 | 641534.56, 429C | 7.24359  | 7.2449   | 7.24359  | 7.44657  |
| 393 | 641574.56 | 4290466.75 | 641574.56, 429C | 9.46455  | 9.46631  | 9.46455  | 10.08507 |
| 394 | 641614.56 | 4290466.75 | 641614.56, 429C | 12.50308 | 12.50528 | 12.50308 | 14.24858 |
| 395 | 641654.56 | 4290466.75 | 641654.56, 429C | 16.42592 | 16.4284  | 16.42592 | 20.67964 |
| 396 | 641694.56 | 4290466.75 | 641694.56, 429C | 21.35113 | 21.35366 | 21.35113 | 30.22899 |
| 397 | 641734.56 | 4290466.75 | 641734.56, 429C | 27.5822  | 27.58532 | 27.5822  | 43.1256  |
| 398 | 641774.56 | 4290466.75 | 641774.56, 429C | 33.84489 | 33.84353 | 33.84489 | 58.83973 |
| 399 | 641814.56 | 4290466.75 | 641814.56, 429C | 30.98205 | 30.97376 | 30.98205 | 51.21839 |
| 400 | 641854.56 | 4290466.75 | 641854.56, 429C | 22.59323 | 22.58567 | 22.59323 | 31.69113 |
| 401 | 641894.56 | 4290466.75 | 641894.56, 429C | 15.58431 | 15.57937 | 15.58431 | 19.21263 |
| 402 | 641934.56 | 4290466.75 | 641934.56, 429C | 10.91341 | 10.91036 | 10.91341 | 12.38232 |
| 403 | 641974.56 | 4290466.75 | 641974.56, 429C | 7.93983  | 7.9379   | 7.93983  | 8.58402  |
| 404 | 642014.56 | 4290466.75 | 642014.56, 429C | 5.99857  | 5.9973   | 5.99857  | 6.31457  |
| 405 | 642054.56 | 4290466.75 | 642054.56, 429C | 4.68776  | 4.68689  | 4.68776  | 4.86286  |
| 406 | 642094.56 | 4290466.75 | 642094.56, 429C | 3.76592  | 3.76529  | 3.76592  | 3.87364  |
| 407 | 642134.56 | 4290466.75 | 642134.56, 429C | 3.09364  | 3.09318  | 3.09364  | 3.16499  |
| 408 | 642174.56 | 4290466.75 | 642174.56, 429C | 2.59045  | 2.5901   | 2.59045  | 2.64011  |
| 409 | 642214.56 | 4290466.75 | 642214.56, 429C | 2.20434  | 2.20407  | 2.20434  | 2.23995  |
| 410 | 642254.56 | 4290466.75 | 642254.56, 429C | 1.90186  | 1.90165  | 1.90186  | 1.9278   |
| 411 | 642294.56 | 4290466.75 | 642294.56, 429C | 1.66198  | 1.66181  | 1.66198  | 1.68112  |
| 412 | 642334.56 | 4290466.75 | 642334.56, 429C | 1.46642  | 1.46628  | 1.46642  | 1.48055  |
| 413 | 642374.56 | 4290466.75 | 642374.56, 429C | 1.30467  | 1.30455  | 1.30467  | 1.31506  |
| 414 | 642414.56 | 4290466.75 | 642414.56, 429C | 1.16936  | 1.16926  | 1.16936  | 1.17691  |
| 415 | 642454.56 | 4290466.75 | 642454.56, 429C | 1.05508  | 1.05499  | 1.05508  | 1.0605   |

|          |          |          |          |          |
|----------|----------|----------|----------|----------|
| 3.28E-04 | 5.25E-05 | 9.85E-04 | 5.46E-04 | 1.91E-03 |
| 2.83E-04 | 4.52E-05 | 8.48E-04 | 4.69E-04 | 1.64E-03 |
| 2.46E-04 | 3.94E-05 | 7.38E-04 | 4.07E-04 | 1.43E-03 |
| 2.16E-04 | 3.46E-05 | 6.49E-04 | 3.57E-04 | 1.26E-03 |
| 1.92E-04 | 3.07E-05 | 5.75E-04 | 3.16E-04 | 1.11E-03 |
| 1.71E-04 | 2.74E-05 | 5.14E-04 | 2.82E-04 | 9.95E-04 |
| 1.54E-04 | 2.47E-05 | 4.63E-04 | 2.54E-04 | 8.96E-04 |
| 1.40E-04 | 2.24E-05 | 4.20E-04 | 2.30E-04 | 8.12E-04 |
| 1.28E-04 | 2.04E-05 | 3.83E-04 | 2.09E-04 | 7.40E-04 |
| 1.17E-04 | 1.87E-05 | 3.50E-04 | 1.91E-04 | 6.77E-04 |
| 1.07E-04 | 1.72E-05 | 3.22E-04 | 1.76E-04 | 6.22E-04 |
| 4.10E-04 | 6.56E-05 | 1.23E-03 | 6.70E-04 | 2.37E-03 |
| 4.85E-04 | 7.77E-05 | 1.46E-03 | 7.97E-04 | 2.82E-03 |
| 5.82E-04 | 9.32E-05 | 1.75E-03 | 9.64E-04 | 3.39E-03 |
| 7.07E-04 | 1.13E-04 | 2.12E-03 | 1.19E-03 | 4.13E-03 |
| 8.74E-04 | 1.40E-04 | 2.62E-03 | 1.51E-03 | 5.14E-03 |
| 1.09E-03 | 1.74E-04 | 3.26E-03 | 1.95E-03 | 6.47E-03 |
| 1.35E-03 | 2.16E-04 | 4.04E-03 | 2.56E-03 | 8.17E-03 |
| 1.66E-03 | 2.66E-04 | 4.98E-03 | 3.36E-03 | 1.03E-02 |
| 2.02E-03 | 3.23E-04 | 6.05E-03 | 4.36E-03 | 1.27E-02 |
| 2.44E-03 | 3.91E-04 | 7.33E-03 | 5.53E-03 | 1.57E-02 |
| 2.94E-03 | 4.70E-04 | 8.81E-03 | 7.07E-03 | 1.93E-02 |
| 3.04E-03 | 4.86E-04 | 9.11E-03 | 7.58E-03 | 2.02E-02 |
| 2.59E-03 | 4.14E-04 | 7.76E-03 | 6.00E-03 | 1.68E-02 |
| 1.98E-03 | 3.17E-04 | 5.95E-03 | 4.17E-03 | 1.24E-02 |
| 1.48E-03 | 2.37E-04 | 4.45E-03 | 2.88E-03 | 9.05E-03 |
| 1.12E-03 | 1.79E-04 | 3.36E-03 | 2.05E-03 | 6.71E-03 |
| 8.63E-04 | 1.38E-04 | 2.59E-03 | 1.52E-03 | 5.11E-03 |
| 6.81E-04 | 1.09E-04 | 2.04E-03 | 1.17E-03 | 4.00E-03 |
| 5.48E-04 | 8.77E-05 | 1.65E-03 | 9.28E-04 | 3.21E-03 |
| 4.50E-04 | 7.21E-05 | 1.35E-03 | 7.55E-04 | 2.63E-03 |
| 3.77E-04 | 6.03E-05 | 1.13E-03 | 6.28E-04 | 2.20E-03 |
| 3.20E-04 | 5.12E-05 | 9.60E-04 | 5.32E-04 | 1.86E-03 |
| 2.76E-04 | 4.41E-05 | 8.27E-04 | 4.57E-04 | 1.60E-03 |
| 2.40E-04 | 3.84E-05 | 7.21E-04 | 3.97E-04 | 1.40E-03 |
| 2.12E-04 | 3.38E-05 | 6.35E-04 | 3.49E-04 | 1.23E-03 |
| 1.88E-04 | 3.01E-05 | 5.64E-04 | 3.10E-04 | 1.09E-03 |
| 1.68E-04 | 2.69E-05 | 5.04E-04 | 2.77E-04 | 9.76E-04 |
| 1.52E-04 | 2.43E-05 | 4.55E-04 | 2.49E-04 | 8.80E-04 |
| 1.38E-04 | 2.20E-05 | 4.13E-04 | 2.26E-04 | 7.98E-04 |
| 1.26E-04 | 2.01E-05 | 3.77E-04 | 2.06E-04 | 7.28E-04 |
| 1.15E-04 | 1.84E-05 | 3.45E-04 | 1.88E-04 | 6.67E-04 |
| 1.06E-04 | 1.69E-05 | 3.18E-04 | 1.73E-04 | 6.14E-04 |
| 4.39E-04 | 7.03E-05 | 1.32E-03 | 7.15E-04 | 2.54E-03 |
| 5.26E-04 | 8.42E-05 | 1.58E-03 | 8.58E-04 | 3.05E-03 |
| 6.42E-04 | 1.03E-04 | 1.93E-03 | 1.05E-03 | 3.72E-03 |
| 7.99E-04 | 1.28E-04 | 2.40E-03 | 1.32E-03 | 4.65E-03 |
| 1.02E-03 | 1.64E-04 | 3.07E-03 | 1.72E-03 | 5.98E-03 |
| 1.34E-03 | 2.14E-04 | 4.01E-03 | 2.33E-03 | 7.90E-03 |
| 1.77E-03 | 2.83E-04 | 5.30E-03 | 3.29E-03 | 1.06E-02 |
| 2.32E-03 | 3.72E-04 | 6.97E-03 | 4.78E-03 | 1.44E-02 |
| 3.02E-03 | 4.83E-04 | 9.05E-03 | 6.99E-03 | 1.95E-02 |
| 3.90E-03 | 6.24E-04 | 1.17E-02 | 9.97E-03 | 2.62E-02 |
| 4.78E-03 | 7.65E-04 | 1.44E-02 | 1.36E-02 | 3.35E-02 |
| 4.38E-03 | 7.01E-04 | 1.31E-02 | 1.18E-02 | 3.01E-02 |
| 3.19E-03 | 5.11E-04 | 9.58E-03 | 7.33E-03 | 2.06E-02 |
| 2.20E-03 | 3.52E-04 | 6.61E-03 | 4.44E-03 | 1.36E-02 |
| 1.54E-03 | 2.47E-04 | 4.63E-03 | 2.86E-03 | 9.28E-03 |
| 1.12E-03 | 1.80E-04 | 3.37E-03 | 1.98E-03 | 6.65E-03 |
| 8.48E-04 | 1.36E-04 | 2.54E-03 | 1.46E-03 | 4.99E-03 |
| 6.63E-04 | 1.06E-04 | 1.99E-03 | 1.12E-03 | 3.88E-03 |
| 5.32E-04 | 8.52E-05 | 1.60E-03 | 8.95E-04 | 3.11E-03 |
| 4.37E-04 | 7.00E-05 | 1.31E-03 | 7.32E-04 | 2.55E-03 |
| 3.66E-04 | 5.86E-05 | 1.10E-03 | 6.10E-04 | 2.13E-03 |
| 3.12E-04 | 4.99E-05 | 9.35E-04 | 5.18E-04 | 1.81E-03 |
| 2.69E-04 | 4.30E-05 | 8.07E-04 | 4.46E-04 | 1.56E-   |



|     |           |            |                 |          |          |          |          |
|-----|-----------|------------|-----------------|----------|----------|----------|----------|
| 416 | 642494.56 | 4290466.75 | 642494.56, 429C | 0.95842  | 0.95835  | 0.95842  | 0.96225  |
| 417 | 642534.56 | 4290466.75 | 642534.56, 429C | 0.87562  | 0.87556  | 0.87562  | 0.87824  |
| 418 | 642574.56 | 4290466.75 | 642574.56, 429C | 0.80349  | 0.80343  | 0.80349  | 0.80519  |
| 419 | 642614.56 | 4290466.75 | 642614.56, 429C | 0.74082  | 0.74078  | 0.74082  | 0.74183  |
| 420 | 641920.09 | 4290522.63 | 641920.09, 429C | 12.22264 | 12.21875 | 12.22264 | 13.3804  |
| 421 | 641960.09 | 4290522.63 | 641960.09, 429C | 8.51149  | 8.50926  | 8.51149  | 9.07679  |
| 422 | 642000.09 | 4290522.63 | 642000.09, 429C | 6.28649  | 6.28509  | 6.28649  | 6.60877  |
| 423 | 642040.09 | 4290522.63 | 642040.09, 429C | 4.85395  | 4.85302  | 4.85395  | 5.05609  |
| 424 | 642080.09 | 4290522.63 | 642080.09, 429C | 3.8748   | 3.87415  | 3.8748   | 4.00938  |
| 425 | 642120.09 | 4290522.63 | 642120.09, 429C | 3.17163  | 3.17115  | 3.17163  | 3.2645   |
| 426 | 642160.09 | 4290522.63 | 642160.09, 429C | 2.65042  | 2.65006  | 2.65042  | 2.7163   |
| 427 | 642200.09 | 4290522.63 | 642200.09, 429C | 2.25332  | 2.25304  | 2.25332  | 2.30114  |
| 428 | 642240.09 | 4290522.63 | 642240.09, 429C | 1.94287  | 1.94265  | 1.94287  | 1.97819  |
| 429 | 642280.09 | 4290522.63 | 642280.09, 429C | 1.69554  | 1.69536  | 1.69554  | 1.72202  |
| 430 | 642320.09 | 4290522.63 | 642320.09, 429C | 1.4949   | 1.49475  | 1.4949   | 1.51501  |
| 431 | 642360.09 | 4290522.63 | 642360.09, 429C | 1.32931  | 1.32919  | 1.32931  | 1.34473  |
| 432 | 642400.09 | 4290522.63 | 642400.09, 429C | 1.19107  | 1.19097  | 1.19107  | 1.20299  |
| 433 | 642440.09 | 4290522.63 | 642440.09, 429C | 1.07425  | 1.07417  | 1.07425  | 1.08352  |
| 434 | 642480.09 | 4290522.63 | 642480.09, 429C | 0.97521  | 0.97514  | 0.97521  | 0.98247  |
| 435 | 642520.09 | 4290522.63 | 642520.09, 429C | 0.89012  | 0.89005  | 0.89012  | 0.89583  |
| 436 | 642560.09 | 4290522.63 | 642560.09, 429C | 0.81644  | 0.81639  | 0.81644  | 0.82095  |
| 437 | 642600.09 | 4290522.63 | 642600.09, 429C | 0.75216  | 0.75211  | 0.75216  | 0.75572  |
| 438 | 641920.09 | 4290562.63 | 641920.09, 429C | 11.63819 | 11.63454 | 11.63819 | 12.83358 |
| 439 | 641960.09 | 4290562.63 | 641960.09, 429C | 8.14972  | 8.14762  | 8.14972  | 8.79413  |
| 440 | 642000.09 | 4290562.63 | 642000.09, 429C | 6.05914  | 6.05782  | 6.05914  | 6.44384  |
| 441 | 642040.09 | 4290562.63 | 642040.09, 429C | 4.70311  | 4.70222  | 4.70311  | 4.94941  |
| 442 | 642080.09 | 4290562.63 | 642080.09, 429C | 3.76965  | 3.76902  | 3.76965  | 3.93547  |
| 443 | 642120.09 | 4290562.63 | 642120.09, 429C | 3.09804  | 3.09758  | 3.09804  | 3.21401  |
| 444 | 642160.09 | 4290562.63 | 642160.09, 429C | 2.59683  | 2.59648  | 2.59683  | 2.68032  |
| 445 | 642200.09 | 4290562.63 | 642200.09, 429C | 2.21467  | 2.21439  | 2.21467  | 2.27644  |
| 446 | 642240.09 | 4290562.63 | 642240.09, 429C | 1.91365  | 1.91344  | 1.91365  | 1.96022  |
| 447 | 642280.09 | 4290562.63 | 642280.09, 429C | 1.67272  | 1.67255  | 1.67272  | 1.70843  |
| 448 | 642320.09 | 4290562.63 | 642320.09, 429C | 1.47666  | 1.47652  | 1.47666  | 1.50446  |
| 449 | 642360.09 | 4290562.63 | 642360.09, 429C | 1.31477  | 1.31465  | 1.31477  | 1.3367   |
| 450 | 642400.09 | 4290562.63 | 642400.09, 429C | 1.17942  | 1.17932  | 1.17942  | 1.19691  |
| 451 | 642440.09 | 4290562.63 | 642440.09, 429C | 1.06499  | 1.0649   | 1.06499  | 1.07907  |
| 452 | 642480.09 | 4290562.63 | 642480.09, 429C | 0.9674   | 0.96733  | 0.9674   | 0.97883  |
| 453 | 642520.09 | 4290562.63 | 642520.09, 429C | 0.88339  | 0.88332  | 0.88339  | 0.89273  |
| 454 | 642560.09 | 4290562.63 | 642560.09, 429C | 0.8104   | 0.81034  | 0.8104   | 0.81808  |
| 455 | 642600.09 | 4290562.63 | 642600.09, 429C | 0.74647  | 0.74642  | 0.74647  | 0.75283  |
| 456 | 641920.09 | 4290602.63 | 641920.09, 429C | 11.12075 | 11.11734 | 11.12075 | 12.3343  |
| 457 | 641960.09 | 4290602.63 | 641960.09, 429C | 7.86737  | 7.86539  | 7.86737  | 8.55732  |
| 458 | 642000.09 | 4290602.63 | 642000.09, 429C | 5.88957  | 5.88831  | 5.88957  | 6.31709  |
| 459 | 642040.09 | 4290602.63 | 642040.09, 429C | 4.59303  | 4.59217  | 4.59303  | 4.87478  |
| 460 | 642080.09 | 4290602.63 | 642080.09, 429C | 3.6944   | 3.69379  | 3.6944   | 3.88889  |
| 461 | 642120.09 | 4290602.63 | 642120.09, 429C | 3.04449  | 3.04404  | 3.04449  | 3.18358  |
| 462 | 642160.09 | 4290602.63 | 642160.09, 429C | 2.55798  | 2.55764  | 2.55798  | 2.66033  |
| 463 | 642200.09 | 4290602.63 | 642200.09, 429C | 2.18553  | 2.18526  | 2.18553  | 2.26274  |
| 464 | 642240.09 | 4290602.63 | 642240.09, 429C | 1.89124  | 1.89103  | 1.89124  | 1.95056  |
| 465 | 642280.09 | 4290602.63 | 642280.09, 429C | 1.6551   | 1.65493  | 1.6551   | 1.70144  |
| 466 | 642320.09 | 4290602.63 | 642320.09, 429C | 1.46268  | 1.46254  | 1.46268  | 1.4994   |
| 467 | 642360.09 | 4290602.63 | 642360.09, 429C | 1.30357  | 1.30345  | 1.30357  | 1.33304  |
| 468 | 642400.09 | 4290602.63 | 642400.09, 429C | 1.17035  | 1.17025  | 1.17035  | 1.19426  |
| 469 | 642440.09 | 4290602.63 | 642440.09, 429C | 1.05762  | 1.05753  | 1.05762  | 1.0772   |
| 470 | 642480.09 | 4290602.63 | 642480.09, 429C | 0.96127  | 0.9612   | 0.96127  | 0.97745  |
| 471 | 642520.09 | 4290602.63 | 642520.09, 429C | 0.87823  | 0.87816  | 0.87823  | 0.89168  |
| 472 | 642560.09 | 4290602.63 | 642560.09, 429C | 0.80603  | 0.80598  | 0.80603  | 0.8173   |
| 473 | 642600.09 | 4290602.63 | 642600.09, 429C | 0.74239  | 0.74234  | 0.74239  | 0.75186  |
| 474 | 641920.09 | 4290642.63 | 641920.09, 429C | 10.62964 | 10.62653 | 10.62964 | 11.35148 |
| 475 | 641960.09 | 4290642.63 | 641960.09, 429C | 7.59889  | 7.59704  | 7.59889  | 8.08807  |
| 476 | 642000.09 | 4290642.63 | 642000.09, 429C | 5.72833  | 5.72714  | 5.72833  | 6.07088  |
| 477 | 642040.09 | 4290642.63 | 642040.09, 429C | 4.48965  | 4.48884  | 4.48965  | 4.73637  |
| 478 | 642080.09 | 4290642.63 | 642080.09, 429C | 3.62481  | 3.62422  | 3.62481  | 3.80692  |
| 479 | 642120.09 | 4290642.63 | 642120.09, 429C | 2.99548  | 2.99504  | 2.99548  | 3.1327   |
| 480 | 642160.09 | 4290642.63 | 642160.09, 429C | 2.52276  | 2.52242  | 2.52276  | 2.62811  |
| 481 | 642200.09 | 4290642.63 | 642200.09, 429C | 2.15918  | 2.15892  | 2.15918  | 2.24148  |
| 482 | 642240.09 | 4290642.63 | 642240.09, 429C | 1.87107  | 1.87086  | 1.87107  | 1.93618  |
| 483 | 642280.09 | 4290642.63 | 642280.09, 429C | 1.63948  | 1.63931  | 1.63948  | 1.69166  |
| 484 | 642320.09 | 4290642.63 | 642320.09, 429C | 1.45035  | 1.45021  | 1.45035  | 1.49265  |
| 485 | 642360.09 | 4290642.63 | 642360.09, 429C | 1.29371  | 1.29359  | 1.29371  | 1.32835  |
| 486 | 642400.09 | 4290642.63 | 642400.09, 429C | 1.16238  | 1.16228  | 1.16238  | 1.191    |

|          |          |          |          |          |
|----------|----------|----------|----------|----------|
| 1.35E-04 | 2.17E-05 | 4.06E-04 | 2.22E-04 | 7.86E-04 |
| 1.24E-04 | 1.98E-05 | 3.71E-04 | 2.03E-04 | 7.18E-04 |
| 1.14E-04 | 1.82E-05 | 3.41E-04 | 1.86E-04 | 6.59E-04 |
| 1.05E-04 | 1.68E-05 | 3.14E-04 | 1.71E-04 | 6.07E-04 |
| 1.73E-03 | 2.76E-04 | 5.18E-03 | 3.09E-03 | 1.03E-02 |
| 1.20E-03 | 1.92E-04 | 3.61E-03 | 2.10E-03 | 7.10E-03 |
| 8.89E-04 | 1.42E-04 | 2.67E-03 | 1.53E-03 | 5.22E-03 |
| 6.86E-04 | 1.10E-04 | 2.06E-03 | 1.17E-03 | 4.02E-03 |
| 5.48E-04 | 8.76E-05 | 1.64E-03 | 9.27E-04 | 3.21E-03 |
| 4.48E-04 | 7.17E-05 | 1.35E-03 | 7.55E-04 | 2.62E-03 |
| 3.75E-04 | 5.99E-05 | 1.12E-03 | 6.28E-04 | 2.19E-03 |
| 3.19E-04 | 5.10E-05 | 9.56E-04 | 5.32E-04 | 1.86E-03 |
| 2.75E-04 | 4.39E-05 | 8.24E-04 | 4.57E-04 | 1.60E-03 |
| 2.40E-04 | 3.83E-05 | 7.19E-04 | 3.98E-04 | 1.40E-03 |
| 2.11E-04 | 3.38E-05 | 6.34E-04 | 3.50E-04 | 1.23E-03 |
| 1.88E-04 | 3.01E-05 | 5.64E-04 | 3.11E-04 | 1.09E-03 |
| 1.68E-04 | 2.69E-05 | 5.05E-04 | 2.78E-04 | 9.78E-04 |
| 1.52E-04 | 2.43E-05 | 4.56E-04 | 2.50E-04 | 8.82E-04 |
| 1.38E-04 | 2.21E-05 | 4.14E-04 | 2.27E-04 | 8.01E-04 |
| 1.26E-04 | 2.01E-05 | 3.77E-04 | 2.07E-04 | 7.31E-04 |
| 1.15E-04 | 1.85E-05 | 3.46E-04 | 1.90E-04 | 6.70E-04 |
| 1.06E-04 | 1.70E-05 | 3.19E-04 | 1.75E-04 | 6.17E-04 |
| 1.65E-03 | 2.63E-04 | 4.94E-03 | 2.97E-03 | 9.81E-03 |
| 1.15E-03 | 1.84E-04 | 3.46E-03 | 2.03E-03 | 6.83E-03 |
| 8.57E-04 | 1.37E-04 | 2.57E-03 | 1.49E-03 | 5.05E-03 |
| 6.65E-04 | 1.06E-04 | 1.99E-03 | 1.14E-03 | 3.91E-03 |
| 5.33E-04 | 8.52E-05 | 1.60E-03 | 9.10E-04 | 3.13E-03 |
| 4.38E-04 | 7.01E-05 | 1.31E-03 | 7.43E-04 | 2.56E-03 |
| 3.67E-04 | 5.87E-05 | 1.10E-03 | 6.20E-04 | 2.15E-03 |
| 3.13E-04 | 5.01E-05 | 9.39E-04 | 5.26E-04 | 1.83E-03 |
| 2.71E-04 | 4.33E-05 | 8.12E-04 | 4.53E-04 | 1.58E-03 |
| 2.36E-04 | 3.78E-05 | 7.09E-04 | 3.95E-04 | 1.38E-03 |
| 2.09E-04 | 3.34E-05 | 6.26E-04 | 3.48E-04 | 1.22E-03 |
| 1.86E-04 | 2.97E-05 | 5.58E-04 | 3.09E-04 | 1.08E-03 |
| 1.67E-04 | 2.67E-05 | 5.00E-04 | 2.77E-04 | 9.70E-04 |
| 1.51E-04 | 2.41E-05 | 4.52E-04 | 2.49E-04 | 8.76E-04 |
| 1.37E-04 | 2.19E-05 | 4.10E-04 | 2.26E-04 | 7.95E-04 |
| 1.25E-04 | 2.00E-05 | 3.75E-04 | 2.06E-04 | 7.26E-04 |
| 1.15E-04 | 1.83E-05 | 3.44E-04 | 1.89E-04 | 6.66E-04 |
| 1.06E-04 | 1.69E-05 | 3.17E-04 | 1.74E-04 | 6.13E-04 |
| 1.57E-03 | 2.51E-04 | 4.72E-03 | 2.85E-03 | 9.39E-03 |
| 1.11E-03 | 1.78E-04 | 3.34E-03 | 1.98E-03 | 6.60E-03 |
| 8.33E-04 | 1.33E-04 | 2.50E-03 | 1.46E-03 | 4.92E-03 |
| 6.49E-04 | 1.04E-04 | 1.95E-03 | 1.13E-03 | 3.83E-03 |
| 5.22E-04 | 8.35E-05 | 1.57E-03 | 8.99E-04 | 3.07E-03 |
| 4.30E-04 | 6.88E-05 | 1.29E-03 | 7.36E-04 | 2.53E-03 |
| 3.62E-04 | 5.78E-05 | 1.08E-03 | 6.15E-04 | 2.12E-03 |
| 3.09E-04 | 4.94E-05 | 9.27E-04 | 5.23E-04 | 1.81E-03 |
| 2.67E-04 | 4.28E-05 | 8.02E-04 | 4.51E-04 | 1.56E-03 |
| 2.34E-04 | 3.74E-05 | 7.02E-04 | 3.93E-04 | 1.37E-03 |
| 2.07E-04 | 3.31E-05 | 6.20E-04 | 3.47E-04 | 1.21E-03 |
| 1.84E-04 | 2.95E-05 | 5.53E-04 | 3.08E-04 | 1.07E-03 |
| 1.65E-04 | 2.65E-05 | 4.96E-04 | 2.76E-04 | 9.64E-04 |
| 1.50E-04 | 2.39E-05 | 4.49E-04 | 2.49E-04 | 8.71E-04 |
| 1.36E-04 | 2.17E-05 | 4.08E-04 | 2.26E-04 | 7.91E-04 |
| 1.24E-04 | 1.99E-05 | 3.72E-04 | 2.06E-04 | 7.23E-04 |
| 1.14E-04 | 1.82E-05 | 3.42E-04 | 1.89E-04 | 6.63E-04 |
| 1.05E-04 | 1.68E-05 | 3.15E-04 | 1.74E-04 | 6.10E-04 |
| 1.50E-03 | 2.40E-04 | 4.51E-03 | 2.62E-03 | 8.87E-03 |
| 1.07E-03 | 1.72E-04 | 3.22E-03 | 1.87E-03 | 6.34E-03 |
| 8.10E-04 | 1.30E-04 | 2.43E-03 | 1.40E-03 | 4.77E-03 |
| 6.35E-04 | 1.02E-04 | 1.90E-03 | 1.09E-03 | 3.73E-03 |
| 5.12E-04 | 8.20E-05 | 1.54E-03 | 8.80E-04 | 3.01E-03 |
| 4.23E-04 | 6.77E-05 | 1.27E-03 | 7.24E-04 | 2.49E-03 |
| 3.57E-04 | 5.71E-05 | 1.07E-03 | 6.07E-04 | 2.09E-03 |
| 3.05E-04 | 4.88E-05 | 9.16E-04 | 5.18E-04 | 1.79E-03 |
| 2.64E-04 | 4.23E-05 | 7.93E-04 | 4.48E-04 | 1.55E-03 |
| 2.32E-04 | 3.71E-05 | 6.95E-04 | 3.91E-04 | 1.36E-03 |
| 2.05E-04 | 3.28E-05 | 6.15E-04 | 3.45E-04 | 1.20E-03 |
| 1.83E-04 | 2.93E-05 | 5.49E-04 | 3.07E-04 | 1.07E-03 |
| 1.64E-04 | 2.63E-05 | 4.93E-04 | 2.75E-04 | 9.59E-04 |

|     |           |            |                 |         |         |         |          |
|-----|-----------|------------|-----------------|---------|---------|---------|----------|
| 487 | 642440.09 | 4290642.63 | 642440.09, 429C | 1.05109 | 1.05101 | 1.05109 | 1.07493  |
| 488 | 642480.09 | 4290642.63 | 642480.09, 429C | 0.9559  | 0.95583 | 0.9559  | 0.97589  |
| 489 | 642520.09 | 4290642.63 | 642520.09, 429C | 0.87374 | 0.87368 | 0.87374 | 0.89061  |
| 490 | 642560.09 | 4290642.63 | 642560.09, 429C | 0.80227 | 0.80221 | 0.80227 | 0.81658  |
| 491 | 642600.09 | 4290642.63 | 642600.09, 429C | 0.73938 | 0.73933 | 0.73938 | 0.75157  |
| 492 | 641920.09 | 4290682.63 | 641920.09, 429C | 9.8921  | 9.88948 | 9.8921  | 10.05128 |
| 493 | 641960.09 | 4290682.63 | 641960.09, 429C | 7.20467 | 7.20305 | 7.20467 | 7.37633  |
| 494 | 642000.09 | 4290682.63 | 642000.09, 429C | 5.49677 | 5.49569 | 5.49677 | 5.66051  |
| 495 | 642040.09 | 4290682.63 | 642040.09, 429C | 4.3445  | 4.34375 | 4.3445  | 4.48963  |
| 496 | 642080.09 | 4290682.63 | 642080.09, 429C | 3.52916 | 3.52861 | 3.52916 | 3.65284  |
| 497 | 642120.09 | 4290682.63 | 642120.09, 429C | 2.93005 | 2.92964 | 2.93005 | 3.03345  |
| 498 | 642160.09 | 4290682.63 | 642160.09, 429C | 2.47685 | 2.47653 | 2.47685 | 2.56271  |
| 499 | 642200.09 | 4290682.63 | 642200.09, 429C | 2.12584 | 2.12559 | 2.12584 | 2.19714  |
| 500 | 642240.09 | 4290682.63 | 642240.09, 429C | 1.84623 | 1.84603 | 1.84623 | 1.90548  |
| 501 | 642280.09 | 4290682.63 | 642280.09, 429C | 1.62069 | 1.62052 | 1.62069 | 1.67014  |
| 502 | 642320.09 | 4290682.63 | 642320.09, 429C | 1.43589 | 1.43575 | 1.43589 | 1.47738  |
| 503 | 642360.09 | 4290682.63 | 642360.09, 429C | 1.28243 | 1.28231 | 1.28243 | 1.31743  |
| 504 | 642400.09 | 4290682.63 | 642400.09, 429C | 1.15345 | 1.15335 | 1.15345 | 1.18313  |
| 505 | 642440.09 | 4290682.63 | 642440.09, 429C | 1.04394 | 1.04385 | 1.04394 | 1.06922  |
| 506 | 642480.09 | 4290682.63 | 642480.09, 429C | 0.95009 | 0.95002 | 0.95009 | 0.97174  |
| 507 | 642520.09 | 4290682.63 | 642520.09, 429C | 0.86901 | 0.86894 | 0.86901 | 0.88761  |
| 508 | 642560.09 | 4290682.63 | 642560.09, 429C | 0.79838 | 0.79832 | 0.79838 | 0.81443  |
| 509 | 642600.09 | 4290682.63 | 642600.09, 429C | 0.73625 | 0.7362  | 0.73625 | 0.75014  |
| 510 | 641920.09 | 4290722.63 | 641920.09, 429C | 8.90904 | 8.90695 | 8.90904 | 8.84672  |
| 511 | 641960.09 | 4290722.63 | 641960.09, 429C | 6.65865 | 6.6573  | 6.65865 | 6.64127  |
| 512 | 642000.09 | 4290722.63 | 642000.09, 429C | 5.17157 | 5.17064 | 5.17157 | 5.18697  |
| 513 | 642040.09 | 4290722.63 | 642040.09, 429C | 4.1386  | 4.13794 | 4.1386  | 4.17641  |
| 514 | 642080.09 | 4290722.63 | 642080.09, 429C | 3.39247 | 3.39198 | 3.39247 | 3.44207  |
| 515 | 642120.09 | 4290722.63 | 642120.09, 429C | 2.83586 | 2.83549 | 2.83586 | 2.88918  |
| 516 | 642160.09 | 4290722.63 | 642160.09, 429C | 2.41051 | 2.41022 | 2.41051 | 2.46267  |
| 517 | 642200.09 | 4290722.63 | 642200.09, 429C | 2.07782 | 2.07758 | 2.07782 | 2.12637  |
| 518 | 642240.09 | 4290722.63 | 642240.09, 429C | 1.81084 | 1.81065 | 1.81084 | 1.85474  |
| 519 | 642280.09 | 4290722.63 | 642280.09, 429C | 1.59407 | 1.59391 | 1.59407 | 1.63319  |
| 520 | 642320.09 | 4290722.63 | 642320.09, 429C | 1.41559 | 1.41546 | 1.41559 | 1.45018  |
| 521 | 642360.09 | 4290722.63 | 642360.09, 429C | 1.26671 | 1.26661 | 1.26671 | 1.29718  |
| 522 | 642400.09 | 4290722.63 | 642400.09, 429C | 1.14114 | 1.14105 | 1.14114 | 1.16794  |
| 523 | 642440.09 | 4290722.63 | 642440.09, 429C | 1.03421 | 1.03413 | 1.03421 | 1.05777  |
| 524 | 642480.09 | 4290722.63 | 642480.09, 429C | 0.94232 | 0.94225 | 0.94232 | 0.96305  |
| 525 | 642520.09 | 4290722.63 | 642520.09, 429C | 0.86272 | 0.86266 | 0.86272 | 0.88098  |
| 526 | 642560.09 | 4290722.63 | 642560.09, 429C | 0.79327 | 0.79322 | 0.79327 | 0.80937  |
| 527 | 642600.09 | 4290722.63 | 642600.09, 429C | 0.73213 | 0.73208 | 0.73213 | 0.74635  |
| 528 | 641920.09 | 4290762.63 | 641920.09, 429C | 7.94488 | 7.94316 | 7.94488 | 7.81866  |
| 529 | 641960.09 | 4290762.63 | 641960.09, 429C | 6.06155 | 6.06042 | 6.06155 | 5.98912  |
| 530 | 642000.09 | 4290762.63 | 642000.09, 429C | 4.78742 | 4.78663 | 4.78742 | 4.74412  |
| 531 | 642040.09 | 4290762.63 | 642040.09, 429C | 3.88443 | 3.88385 | 3.88443 | 3.86148  |
| 532 | 642080.09 | 4290762.63 | 642080.09, 429C | 3.21889 | 3.21846 | 3.21889 | 3.21319  |
| 533 | 642120.09 | 4290762.63 | 642120.09, 429C | 2.71406 | 2.71372 | 2.71406 | 2.72176  |
| 534 | 642160.09 | 4290762.63 | 642160.09, 429C | 2.32292 | 2.32266 | 2.32292 | 2.33959  |
| 535 | 642200.09 | 4290762.63 | 642200.09, 429C | 2.01323 | 2.01301 | 2.01323 | 2.03498  |
| 536 | 642240.09 | 4290762.63 | 642240.09, 429C | 1.76256 | 1.76238 | 1.76256 | 1.78659  |
| 537 | 642280.09 | 4290762.63 | 642280.09, 429C | 1.55746 | 1.55732 | 1.55746 | 1.58192  |
| 538 | 642320.09 | 4290762.63 | 642320.09, 429C | 1.38747 | 1.38734 | 1.38747 | 1.41125  |
| 539 | 642360.09 | 4290762.63 | 642360.09, 429C | 1.24484 | 1.24474 | 1.24484 | 1.26736  |
| 540 | 642400.09 | 4290762.63 | 642400.09, 429C | 1.12396 | 1.12387 | 1.12396 | 1.14492  |
| 541 | 642440.09 | 4290762.63 | 642440.09, 429C | 1.02055 | 1.02048 | 1.02055 | 1.03986  |
| 542 | 642480.09 | 4290762.63 | 642480.09, 429C | 0.93134 | 0.93128 | 0.93134 | 0.949    |
| 543 | 642520.09 | 4290762.63 | 642520.09, 429C | 0.85386 | 0.8538  | 0.85386 | 0.86993  |
| 544 | 642560.09 | 4290762.63 | 642560.09, 429C | 0.78606 | 0.78601 | 0.78606 | 0.80064  |
| 545 | 642600.09 | 4290762.63 | 642600.09, 429C | 0.72628 | 0.72624 | 0.72628 | 0.73949  |
| 546 | 641920.09 | 4290802.63 | 641920.09, 429C | 7.09017 | 7.08876 | 7.09017 | 6.93636  |
| 547 | 641960.09 | 4290802.63 | 641960.09, 429C | 5.5066  | 5.50564 | 5.5066  | 5.41597  |
| 548 | 642000.09 | 4290802.63 | 642000.09, 429C | 4.40993 | 4.40925 | 4.40993 | 4.35179  |
| 549 | 642040.09 | 4290802.63 | 642040.09, 429C | 3.61842 | 3.61791 | 3.61842 | 3.57734  |
| 550 | 642080.09 | 4290802.63 | 642080.09, 429C | 3.02805 | 3.02766 | 3.02805 | 2.99851  |
| 551 | 642120.09 | 4290802.63 | 642120.09, 429C | 2.5748  | 2.5748  | 2.5748  | 2.55561  |
| 552 | 642160.09 | 4290802.63 | 642160.09, 429C | 2.21972 | 2.21948 | 2.21972 | 2.21014  |
| 553 | 642200.09 | 4290802.63 | 642200.09, 429C | 1.93533 | 1.93513 | 1.93533 | 1.93382  |
| 554 | 642240.09 | 4290802.63 | 642240.09, 429C | 1.70315 | 1.70299 | 1.70315 | 1.70775  |
| 555 | 642280.09 | 4290802.63 | 642280.09, 429C | 1.51159 | 1.51146 | 1.51159 | 1.52037  |
| 556 | 642320.09 | 4290802.63 | 642320.09, 429C | 1.35165 | 1.35153 | 1.35165 | 1.36304  |
| 557 | 642360.09 | 4290802.63 | 642360.09, 429C | 1.21658 | 1.21649 | 1.21658 | 1.22941  |

|          |          |          |          |          |
|----------|----------|----------|----------|----------|
| 1.49E-04 | 2.38E-05 | 4.46E-04 | 2.48E-04 | 8.67E-04 |
| 1.35E-04 | 2.16E-05 | 4.05E-04 | 2.26E-04 | 7.88E-04 |
| 1.24E-04 | 1.98E-05 | 3.71E-04 | 2.06E-04 | 7.20E-04 |
| 1.13E-04 | 1.81E-05 | 3.40E-04 | 1.89E-04 | 6.61E-04 |
| 1.05E-04 | 1.67E-05 | 3.14E-04 | 1.74E-04 | 6.09E-04 |
| 1.40E-03 | 2.24E-04 | 4.20E-03 | 2.32E-03 | 8.14E-03 |
| 1.02E-03 | 1.63E-04 | 3.06E-03 | 1.71E-03 | 5.94E-03 |
| 7.77E-04 | 1.24E-04 | 2.33E-03 | 1.31E-03 | 4.54E-03 |
| 6.14E-04 | 9.82E-05 | 1.84E-03 | 1.04E-03 | 3.59E-03 |
| 4.99E-04 | 7.98E-05 | 1.50E-03 | 8.44E-04 | 2.92E-03 |
| 4.14E-04 | 6.63E-05 | 1.24E-03 | 7.01E-04 | 2.42E-03 |
| 3.50E-04 | 5.60E-05 | 1.05E-03 | 5.92E-04 | 2.05E-03 |
| 3.01E-04 | 4.81E-05 | 9.02E-04 | 5.08E-04 | 1.76E-03 |
| 2.61E-04 | 4.18E-05 | 7.83E-04 | 4.40E-04 | 1.53E-03 |
| 2.29E-04 | 3.67E-05 | 6.87E-04 | 3.86E-04 | 1.34E-03 |
| 2.03E-04 | 3.25E-05 | 6.09E-04 | 3.41E-04 | 1.19E-03 |
| 1.81E-04 | 2.90E-05 | 5.44E-04 | 3.05E-04 | 1.06E-03 |
| 1.63E-04 | 2.61E-05 | 4.89E-04 | 2.73E-04 | 9.52E-04 |
| 1.48E-04 | 2.36E-05 | 4.43E-04 | 2.47E-04 | 8.61E-04 |
| 1.34E-04 | 2.15E-05 | 4.03E-04 | 2.25E-04 | 7.83E-04 |
| 1.23E-04 | 1.97E-05 | 3.69E-04 | 2.05E-04 | 7.16E-04 |
| 1.13E-04 | 1.81E-05 | 3.39E-04 | 1.88E-04 | 6.58E-04 |
| 1.04E-04 | 1.67E-05 | 3.12E-04 | 1.73E-04 | 6.06E-04 |
| 1.26E-03 | 2.01E-04 | 3.78E-03 | 2.04E-03 | 7.28E-03 |
| 9.41E-04 | 1.51E-04 | 2.82E-03 | 1.54E-03 | 5.45E-03 |
| 7.31E-04 | 1.17E-04 | 2.19E-03 | 1.20E-03 | 4.24E-03 |
| 5.85E-04 | 9.36E-05 | 1.76E-03 | 9.65E-04 | 3.40E-03 |
| 4.80E-04 | 7.67E-05 | 1.44E-03 | 7.96E-04 | 2.79E-03 |
| 4.01E-04 | 6.41E-05 | 1.20E-03 | 6.68E-04 | 2.34E-03 |
| 3.41E-04 | 5.45E-05 | 1.02E-03 | 5.69E-04 | 1.99E-03 |
| 2.94E-04 | 4.70E-05 | 8.81E-04 | 4.92E-04 | 1.71E-03 |
| 2.56E-04 | 4.10E-05 | 7.68E-04 | 4.29E-04 | 1.49E-03 |
| 2.25E-04 | 3.61E-05 | 6.76E-04 | 3.78E-04 | 1.31E-03 |
| 2.00E-04 | 3.20E-05 | 6.00E-04 | 3.35E-04 | 1.17E-03 |
| 1.79E-04 | 2.86E-05 | 5.37E-04 | 3.00E-04 | 1.04E-03 |
| 1.61E-04 | 2.58E-05 | 4.84E-04 | 2.70E-04 | 9.41E-04 |
| 1.46E-04 | 2.34E-05 | 4.39E-04 | 2.44E-04 | 8.53E-04 |
| 1.33E-04 | 2.13E-05 | 4.00E-04 | 2.23E-04 | 7.77E-04 |
| 1.22E-04 | 1.95E-05 | 3.66E-04 | 2.04E-04 | 7.11E-04 |
| 1.12E-04 | 1.79E-05 | 3.36E-04 | 1.87E-04 | 6.54E-04 |
| 1.03E-04 | 1.66E-05 | 3.10E-04 | 1.73E-04 | 6.03E-04 |
| 1.12E-03 | 1.80E-04 | 3.37E-03 | 1.81E-03 | 6.48E-03 |
| 8.57E-04 | 1.37E-04 | 2.57E-03 | 1.38E-03 | 4.95E-03 |
| 6.77E-04 | 1.08E-04 | 2.03E-03 | 1.10E-03 | 3.91E-03 |
| 5.49E-04 | 8.78E-05 | 1.65E-03 | 8.93E-04 | 3.18E-03 |
| 4.55E-04 | 7.28E-05 | 1.37E-03 | 7.43E-04 | 2.64E-03 |
| 3.84E-04 | 6.14E-05 | 1.15E-03 | 6.29E-04 | 2.23E-03 |
| 3.28E-04 | 5.25E-05 | 9.85E-04 | 5.41E-04 | 1.91E-03 |
| 2.85E-04 | 4.55E-05 | 8.54E-04 | 4.70E-04 | 1.65E-03 |
| 2.49E-04 | 3.99E-05 | 7.47E-04 | 4.13E-04 | 1.45E-03 |
| 2.20E-04 | 3.52E-05 | 6.60E-04 | 3.66E-04 | 1.28E-03 |
| 1.96E-04 | 3.14E-05 | 5.88E-04 | 3.26E-04 | 1.14E-03 |
| 1.76E-04 | 2.82E-05 | 5.28E-04 | 2.93E-04 | 1.02E-03 |
| 1.59E-04 | 2.54E-05 | 4.77E-04 | 2.65E-04 | 9.26E-04 |
| 1.44E-04 | 2.31E-05 | 4.33E-04 | 2.40E-04 | 8.40E-04 |
| 1.32E-04 | 2.11E-05 | 3.95E-04 | 2.19E-04 | 7.67E-04 |
| 1.21E-04 | 1.93E-05 | 3.62E-04 | 2.01E-04 | 7.03E-04 |
| 1.11E-04 | 1.78E-05 | 3.33E-04 | 1.85E-04 | 6.47E-04 |
| 1.03E-04 | 1.64E-05 | 3.08E-04 | 1.71E-04 | 5.98E-04 |
| 1.00E-03 | 1.60E-04 | 3.01E-03 | 1.60E-03 | 5.77E-03 |
| 7.78E-04 | 1.25E-04 | 2.34E-03 | 1.25E-03 | 4.49E-03 |
| 6.23E-04 | 9.97E-05 | 1.87E-03 | 1.01E-03 | 3.60E-03 |
| 5.11E-04 | 8.18E-05 | 1.53E-03 | 8.27E-04 | 2.95E-03 |
| 4.28E-04 | 6.85E-05 | 1.28E-03 | 6.93E-04 | 2.47E-03 |
| 3.64E-04 | 5.82E-05 | 1.09E-03 | 5.91E-04 | 2.10E-03 |
| 3.14E-04 | 5.02E-05 | 9.41E-04 | 5.11E-04 | 1.82E-03 |
| 2.74E-04 | 4.38E-05 | 8.21E-04 | 4.47E-04 | 1.59E-03 |
| 2.41E-04 | 3.85E-05 | 7.22E-04 | 3.95E-04 | 1.40E-03 |
| 2.14E-04 | 3.42E-05 | 6.41E-04 | 3.51E-04 | 1.24E-03 |
| 1.91E-04 | 3.06E-05 | 5.73E-04 | 3.15E-04 | 1.11E-03 |
| 1.72E-04 | 2.75E-05 | 5.16E-04 | 2.84E-04 | 1.00E-03 |



|     |           |            |                 |          |          |          |          |          |          |          |          |          |
|-----|-----------|------------|-----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 558 | 642400.09 | 4290802.63 | 642400.09, 429C | 1.10147  | 1.10138  | 1.10147  | 1.11488  | 1.56E-04 | 2.49E-05 | 4.67E-04 | 2.58E-04 | 9.05E-04 |
| 559 | 642440.09 | 4290802.63 | 642440.09, 429C | 1.00249  | 1.00242  | 1.00249  | 1.01593  | 1.42E-04 | 2.27E-05 | 4.25E-04 | 2.35E-04 | 8.24E-04 |
| 560 | 642480.09 | 4290802.63 | 642480.09, 429C | 0.91676  | 0.9167   | 0.91676  | 0.92986  | 1.30E-04 | 2.07E-05 | 3.89E-04 | 2.15E-04 | 7.54E-04 |
| 561 | 642520.09 | 4290802.63 | 642520.09, 429C | 0.84199  | 0.84193  | 0.84199  | 0.85453  | 1.19E-04 | 1.90E-05 | 3.57E-04 | 1.98E-04 | 6.93E-04 |
| 562 | 642560.09 | 4290802.63 | 642560.09, 429C | 0.77633  | 0.77628  | 0.77633  | 0.7882   | 1.10E-04 | 1.76E-05 | 3.29E-04 | 1.82E-04 | 6.39E-04 |
| 563 | 642600.09 | 4290802.63 | 642600.09, 429C | 0.71828  | 0.71824  | 0.71828  | 0.72942  | 1.02E-04 | 1.62E-05 | 3.05E-04 | 1.69E-04 | 5.91E-04 |
| 564 | 641920.09 | 4290842.63 | 641920.09, 429C | 6.3532   | 6.35203  | 6.3532   | 6.18313  | 8.98E-04 | 1.44E-04 | 2.69E-03 | 1.43E-03 | 5.17E-03 |
| 565 | 641960.09 | 4290842.63 | 641960.09, 429C | 5.01605  | 5.01523  | 5.01605  | 4.91377  | 7.09E-04 | 1.13E-04 | 2.13E-03 | 1.14E-03 | 4.09E-03 |
| 566 | 642000.09 | 4290842.63 | 642000.09, 429C | 4.0655   | 4.06491  | 4.0655   | 4.00115  | 5.75E-04 | 9.19E-05 | 1.72E-03 | 9.25E-04 | 3.32E-03 |
| 567 | 642040.09 | 4290842.63 | 642040.09, 429C | 3.36907  | 3.36863  | 3.36907  | 3.32453  | 4.76E-04 | 7.62E-05 | 1.43E-03 | 7.68E-04 | 2.75E-03 |
| 568 | 642080.09 | 4290842.63 | 642080.09, 429C | 2.84165  | 2.84131  | 2.84165  | 2.80719  | 4.02E-04 | 6.43E-05 | 1.21E-03 | 6.49E-04 | 2.32E-03 |
| 569 | 642120.09 | 4290842.63 | 642120.09, 429C | 2.43215  | 2.43188  | 2.43215  | 2.40415  | 3.44E-04 | 5.50E-05 | 1.03E-03 | 5.56E-04 | 1.99E-03 |
| 570 | 642160.09 | 4290842.63 | 642160.09, 429C | 2.11017  | 2.10995  | 2.11017  | 2.08802  | 2.98E-04 | 4.77E-05 | 8.95E-04 | 4.83E-04 | 1.72E-04 |
| 571 | 642200.09 | 4290842.63 | 642200.09, 429C | 1.85016  | 1.84998  | 1.85016  | 1.83415  | 2.62E-04 | 4.18E-05 | 7.85E-04 | 4.24E-04 | 1.51E-03 |
| 572 | 642240.09 | 4290842.63 | 642240.09, 429C | 1.63644  | 1.63629  | 1.63644  | 1.62644  | 2.31E-04 | 3.70E-05 | 6.94E-04 | 3.76E-04 | 1.34E-03 |
| 573 | 642280.09 | 4290842.63 | 642280.09, 429C | 1.45891  | 1.45879  | 1.45891  | 1.45424  | 2.06E-04 | 3.30E-05 | 6.19E-04 | 3.36E-04 | 1.19E-03 |
| 574 | 642320.09 | 4290842.63 | 642320.09, 429C | 1.30969  | 1.30958  | 1.30969  | 1.30933  | 1.85E-04 | 2.96E-05 | 5.55E-04 | 3.03E-04 | 1.07E-03 |
| 575 | 642360.09 | 4290842.63 | 642360.09, 429C | 1.18293  | 1.18284  | 1.18293  | 1.18584  | 1.67E-04 | 2.68E-05 | 5.02E-04 | 2.74E-04 | 9.70E-04 |
| 576 | 642400.09 | 4290842.63 | 642400.09, 429C | 1.07428  | 1.0742   | 1.07428  | 1.07951  | 1.52E-04 | 2.43E-05 | 4.56E-04 | 2.50E-04 | 8.81E-04 |
| 577 | 642440.09 | 4290842.63 | 642440.09, 429C | 0.98039  | 0.98032  | 0.98039  | 0.98716  | 1.39E-04 | 2.22E-05 | 4.16E-04 | 2.28E-04 | 8.05E-04 |
| 578 | 642480.09 | 4290842.63 | 642480.09, 429C | 0.89868  | 0.89862  | 0.89868  | 0.90638  | 1.27E-04 | 2.03E-05 | 3.81E-04 | 2.10E-04 | 7.38E-04 |
| 579 | 642520.09 | 4290842.63 | 642520.09, 429C | 0.8271   | 0.82705  | 0.8271   | 0.8353   | 1.17E-04 | 1.87E-05 | 3.51E-04 | 1.93E-04 | 6.79E-04 |
| 580 | 642560.09 | 4290842.63 | 642560.09, 429C | 0.76398  | 0.76394  | 0.76398  | 0.77235  | 1.08E-04 | 1.73E-05 | 3.24E-04 | 1.79E-04 | 6.28E-04 |
| 581 | 642600.09 | 4290842.63 | 642600.09, 429C | 0.70809  | 0.70805  | 0.70809  | 0.71641  | 1.00E-04 | 1.60E-05 | 3.00E-04 | 1.66E-04 | 5.82E-04 |
| 582 | 641920.09 | 4290882.63 | 641920.09, 429C | 5.69839  | 5.69742  | 5.69839  | 5.52706  | 8.06E-04 | 1.29E-04 | 2.42E-03 | 1.28E-03 | 4.63E-03 |
| 583 | 641960.09 | 4290882.63 | 641960.09, 429C | 4.57402  | 4.57332  | 4.57402  | 4.46553  | 6.47E-04 | 1.03E-04 | 1.94E-03 | 1.03E-03 | 3.72E-03 |
| 584 | 642000.09 | 4290882.63 | 642000.09, 429C | 3.75504  | 3.75452  | 3.75504  | 3.68395  | 5.31E-04 | 8.49E-05 | 1.59E-03 | 8.52E-04 | 3.06E-03 |
| 585 | 642040.09 | 4290882.63 | 642040.09, 429C | 3.14044  | 3.14005  | 3.14044  | 3.09328  | 4.44E-04 | 7.10E-05 | 1.33E-03 | 7.15E-04 | 2.56E-03 |
| 586 | 642080.09 | 4290882.63 | 642080.09, 429C | 2.66925  | 2.66894  | 2.66925  | 2.63478  | 3.77E-04 | 6.04E-05 | 1.13E-03 | 6.09E-04 | 2.18E-03 |
| 587 | 642120.09 | 4290882.63 | 642120.09, 429C | 2.30054  | 2.30029  | 2.30054  | 2.27202  | 3.25E-04 | 5.20E-05 | 9.76E-04 | 5.25E-04 | 1.88E-03 |
| 588 | 642160.09 | 4290882.63 | 642160.09, 429C | 2.0032   | 2.003    | 2.0032   | 1.97852  | 2.83E-04 | 4.53E-05 | 8.50E-04 | 4.57E-04 | 1.64E-03 |
| 589 | 642200.09 | 4290882.63 | 642200.09, 429C | 1.76414  | 1.76398  | 1.76414  | 1.74275  | 2.49E-04 | 3.99E-05 | 7.48E-04 | 4.03E-04 | 1.44E-03 |
| 590 | 642240.09 | 4290882.63 | 642240.09, 429C | 1.56707  | 1.56694  | 1.56707  | 1.54947  | 2.22E-04 | 3.54E-05 | 6.65E-04 | 3.58E-04 | 1.28E-03 |
| 591 | 642280.09 | 4290882.63 | 642280.09, 429C | 1.4027   | 1.40258  | 1.4027   | 1.38925  | 1.98E-04 | 3.17E-05 | 5.95E-04 | 3.21E-04 | 1.15E-03 |
| 592 | 642320.09 | 4290882.63 | 642320.09, 429C | 1.26391  | 1.26382  | 1.26391  | 1.25459  | 1.79E-04 | 2.86E-05 | 5.36E-04 | 2.90E-04 | 1.03E-03 |
| 593 | 642360.09 | 4290882.63 | 642360.09, 429C | 1.14548  | 1.1454   | 1.14548  | 1.13991  | 1.62E-04 | 2.59E-05 | 4.86E-04 | 2.63E-04 | 9.37E-04 |
| 594 | 642400.09 | 4290882.63 | 642400.09, 429C | 1.04353  | 1.04346  | 1.04353  | 1.04112  | 1.48E-04 | 2.36E-05 | 4.43E-04 | 2.41E-04 | 8.54E-04 |
| 595 | 642440.09 | 4290882.63 | 642440.09, 429C | 0.95502  | 0.95496  | 0.95502  | 0.95514  | 1.35E-04 | 2.16E-05 | 4.05E-04 | 2.21E-04 | 7.82E-04 |
| 596 | 642480.09 | 4290882.63 | 642480.09, 429C | 0.87764  | 0.87758  | 0.87764  | 0.87968  | 1.24E-04 | 1.98E-05 | 3.72E-04 | 2.03E-04 | 7.19E-04 |
| 597 | 642520.09 | 4290882.63 | 642520.09, 429C | 0.80958  | 0.80953  | 0.80958  | 0.81301  | 1.14E-04 | 1.83E-05 | 3.43E-04 | 1.88E-04 | 6.64E-04 |
| 598 | 642560.09 | 4290882.63 | 642560.09, 429C | 0.74935  | 0.7493   | 0.74935  | 0.75375  | 1.06E-04 | 1.69E-05 | 3.18E-04 | 1.74E-04 | 6.15E-04 |
| 599 | 642600.09 | 4290882.63 | 642600.09, 429C | 0.69578  | 0.69574  | 0.69578  | 0.70081  | 9.84E-05 | 1.57E-05 | 2.95E-04 | 1.62E-04 | 5.71E-04 |
| 600 | 641450.64 | 4290754.44 | 641450.64, 429C | 6.23342  | 6.23479  | 6.23342  | 5.66375  | 8.81E-04 | 1.41E-04 | 2.64E-03 | 1.31E-03 | 4.97E-03 |
| 601 | 641490.64 | 4290754.44 | 641490.64, 429C | 8.39303  | 8.39522  | 8.39303  | 7.55045  | 1.19E-03 | 1.90E-04 | 3.56E-03 | 1.75E-03 | 6.68E-03 |
| 602 | 641530.64 | 4290754.44 | 641530.64, 429C | 11.98376 | 11.98752 | 11.98376 | 10.59006 | 1.69E-03 | 2.71E-04 | 5.08E-03 | 2.45E-03 | 9.50E-03 |
| 603 | 641570.64 | 4290754.44 | 641570.64, 429C | 18.16254 | 18.16924 | 18.16254 | 15.54421 | 2.57E-03 | 4.11E-04 | 7.70E-03 | 3.59E-03 | 1.43E-02 |
| 604 | 641610.64 | 4290754.44 | 641610.64, 429C | 28.76942 | 28.78097 | 28.76942 | 23.21355 | 4.07E-03 | 6.51E-04 | 1.22E-02 | 5.37E-03 | 2.23E-02 |
| 605 | 641650.64 | 4290754.44 | 641650.64, 429C | 43.85558 | 43.87113 | 43.85558 | 32.76409 | 6.20E-03 | 9.92E-04 | 1.86E-02 | 7.57E-03 | 3.34E-02 |
| 606 | 641450.64 | 4290794.44 | 641450.64, 429C | 6.4616   | 6.46305  | 6.4616   | 5.85015  | 9.13E-04 | 1.46E-04 | 2.74E-03 | 1.35E-03 | 5.15E-03 |
| 607 | 641490.64 | 4290794.44 | 641490.64, 429C | 8.72214  | 8.72441  | 8.72214  | 7.79291  | 1.23E-03 | 1.97E-04 | 3.70E-03 | 1.80E-03 | 6.93E-03 |
| 608 | 641530.64 | 4290794.44 | 641530.64, 429C | 12.26082 | 12.26446 | 12.26082 | 10.72863 | 1.73E-03 | 2.77E-04 | 5.20E-03 | 2.48E-03 | 9.69E-03 |
| 609 | 641570.64 | 4290794.44 | 641570.64, 429C | 17.68473 | 17.69037 | 17.68473 | 14.98518 | 2.50E-03 | 4.00E-04 | 7.50E-03 | 3.46E-03 | 1.39E-02 |
| 610 | 641610.64 | 4290794.44 | 641610.64, 429C | 25.13329 | 25.14096 | 25.13329 | 20.38307 | 3.55E-03 | 5.69E-04 | 1.07E-02 | 4.71E-03 | 1.95E-02 |
| 611 | 641650.64 | 4290794.44 | 641650.64, 429C | 33.00361 | 33.01134 | 33.00361 | 25.61105 | 4.67E-03 | 7.47E-04 | 1.40E-02 | 5.92E-03 | 2.53E-02 |
| 612 | 641450.64 | 4290834.44 | 641450.64, 429C | 6.63085  | 6.63231  | 6.63085  | 5.99081  | 9.37E-04 | 1.50E-04 | 2.81E-03 | 1.38E-03 | 5.28E-03 |
| 613 | 641490.64 | 4290834.44 | 641490.64, 429C | 8.82742  | 8.82959  | 8.82742  | 7.87011  | 1.25E-03 | 2.00E-04 | 3.74E-03 | 1.82E-03 | 7.01E-03 |
| 614 | 641530.64 | 4290834.44 | 641530.64, 429C | 11.97552 | 11.97867 | 11.97552 | 10.47628 | 1.69E-03 | 2.71E-04 | 5.08E-03 | 2.42E-03 | 9.46E-03 |
| 615 | 641570.64 | 4290834.44 | 641570.64, 429C | 16.19775 | 16.20197 | 16.19775 | 13.79055 | 2.29E-03 | 3.66E-04 | 6.87E-03 | 3.19E-03 | 1.27E-02 |
| 616 | 641610.64 | 4290834.44 | 641610.64, 429C | 21.05121 | 21.05601 | 21.05121 | 17.34952 | 2.98E-03 | 4.76E-04 | 8.93E-03 | 4.01E-03 | 1.64E-02 |
| 617 | 641650.64 | 4290834.44 | 641650.64, 429C | 25.11969 | 25.12367 | 25.11969 | 20.16811 | 3.55E-03 | 5.68E-04 | 1.07E-02 | 4.66E-03 | 1.94E-02 |
| 618 | 0         | 0 0, 0     |                 | 0        | 0        | 0        | 0        | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 619 | 0         | 0 0, 0     |                 | 0        | 0        | 0        | 0        | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 620 | 0         | 0 0, 0     |                 | 0        | 0        | 0        | 0        | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 621 | 0         | 0 0, 0     |                 | 0        | 0        | 0        | 0        | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 622 | 0         | 0 0, 0     |                 | 0        | 0        | 0        | 0        | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 623 | 0         | 0 0, 0     |                 | 0        | 0        | 0        | 0        | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 624 | 0         | 0 0, 0     |                 | 0        | 0        | 0        | 0        | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 625 | 0         | 0 0, 0     |                 | 0        | 0        | 0        | 0        | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 626 | 0         | 0 0, 0     |                 | 0        | 0        | 0        | 0        | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 627 | 0         | 0 0, 0     |                 | 0        | 0        | 0        | 0        | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 628 | 0         | 0 0, 0     |                 | 0        | 0        | 0        | 0        | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

|     |   |        |   |   |   |   |          |          |          |          |          |
|-----|---|--------|---|---|---|---|----------|----------|----------|----------|----------|
| 629 | 0 | 0 0, 0 | 0 | 0 | 0 | 0 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 630 | 0 | 0 0, 0 | 0 | 0 | 0 | 0 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 631 | 0 | 0 0, 0 | 0 | 0 | 0 | 0 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 632 | 0 | 0 0, 0 | 0 | 0 | 0 | 0 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 633 | 0 | 0 0, 0 | 0 | 0 | 0 | 0 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 634 | 0 | 0 0, 0 | 0 | 0 | 0 | 0 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 635 | 0 | 0 0, 0 | 0 | 0 | 0 | 0 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 636 | 0 | 0 0, 0 | 0 | 0 | 0 | 0 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 637 | 0 | 0 0, 0 | 0 | 0 | 0 | 0 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 638 | 0 | 0 0, 0 | 0 | 0 | 0 | 0 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 639 | 0 | 0 0, 0 | 0 | 0 | 0 | 0 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 640 | 0 | 0 0, 0 | 0 | 0 | 0 | 0 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 641 | 0 | 0 0, 0 | 0 | 0 | 0 | 0 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 642 | 0 | 0 0, 0 | 0 | 0 | 0 | 0 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 643 | 0 | 0 0, 0 | 0 | 0 | 0 | 0 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 644 | 0 | 0 0, 0 | 0 | 0 | 0 | 0 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 645 | 0 | 0 0, 0 | 0 | 0 | 0 | 0 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 646 | 0 | 0 0, 0 | 0 | 0 | 0 | 0 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 647 | 0 | 0 0, 0 | 0 | 0 | 0 | 0 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

Operational Concentration - Fueling (Propylene)

|                      |           |                            |          |                                    |            |          | Fueling + Hose        |                |            |          |          |  |
|----------------------|-----------|----------------------------|----------|------------------------------------|------------|----------|-----------------------|----------------|------------|----------|----------|--|
|                      |           |                            |          |                                    |            |          | Loading               | Breathing      | Permeation | Spillage |          |  |
|                      |           |                            |          |                                    |            |          | Emissions Rate (g/s): | 2.79E-07       | 4.47E-08   | 8.37E-07 | 1.52E-08 |  |
| Discrete Receptor ID |           |                            |          | Concentration<br>[µg/m^3] at 1 g/s |            |          |                       | Unmitigated    |            |          |          |  |
|                      |           |                            |          |                                    |            |          |                       |                |            |          |          |  |
|                      |           |                            |          | Fueling + Hose                     |            |          |                       | Fueling + Hose |            |          |          |  |
| X                    | Y         | X, Y                       | Loading  | Breathing                          | Permeation | Spillage | Loading               | Breathing      | Permeation | Spillage | Total    |  |
| 1                    | 641284.31 | 4290506.68 641284.31, 4290 | 2.28914  | 2.2894                             | 2.28914    | 2.24887  | 6.39E-07              | 1.02E-07       | 1.92E-06   | 3.41E-08 | 2.69E-06 |  |
| 2                    | 641324.31 | 4290506.68 641324.31, 4290 | 2.67219  | 2.67251                            | 2.67219    | 2.62615  | 7.46E-07              | 1.19E-07       | 2.24E-06   | 3.98E-08 | 3.14E-06 |  |
| 3                    | 641364.31 | 4290506.68 641364.31, 4290 | 3.16658  | 3.167                              | 3.16658    | 3.11376  | 8.84E-07              | 1.41E-07       | 2.65E-06   | 4.72E-08 | 3.72E-06 |  |
| 4                    | 641404.31 | 4290506.68 641404.31, 4290 | 3.81615  | 3.81671                            | 3.81615    | 3.75744  | 1.07E-06              | 1.70E-07       | 3.20E-06   | 5.70E-08 | 4.49E-06 |  |
| 5                    | 641284.31 | 4290546.68 641284.31, 4290 | 2.37419  | 2.37447                            | 2.37419    | 2.30269  | 6.63E-07              | 1.06E-07       | 1.99E-06   | 3.49E-08 | 2.79E-06 |  |
| 6                    | 641324.31 | 4290546.68 641324.31, 4290 | 2.78725  | 2.78761                            | 2.78725    | 2.6998   | 7.78E-07              | 1.25E-07       | 2.33E-06   | 4.09E-08 | 3.28E-06 |  |
| 7                    | 641364.31 | 4290546.68 641364.31, 4290 | 3.33085  | 3.33132                            | 3.33085    | 3.22046  | 9.30E-07              | 1.49E-07       | 2.79E-06   | 4.88E-08 | 3.92E-06 |  |
| 8                    | 641404.31 | 4290546.68 641404.31, 4290 | 4.0608   | 4.06145                            | 4.0608     | 3.9179   | 1.13E-06              | 1.81E-07       | 3.40E-06   | 5.94E-08 | 4.78E-06 |  |
| 9                    | 641284.31 | 4290586.68 641284.31, 4290 | 2.44038  | 2.44068                            | 2.44038    | 2.33928  | 6.81E-07              | 1.09E-07       | 2.04E-06   | 3.55E-08 | 2.87E-06 |  |
| 10                   | 641324.31 | 4290586.68 641324.31, 4290 | 2.87714  | 2.87753                            | 2.87714    | 2.74864  | 8.03E-07              | 1.29E-07       | 2.41E-06   | 4.17E-08 | 3.38E-06 |  |
| 11                   | 641364.31 | 4290586.68 641364.31, 4290 | 3.4544   | 3.45492                            | 3.4544     | 3.28594  | 9.64E-07              | 1.54E-07       | 2.89E-06   | 4.98E-08 | 4.06E-06 |  |
| 12                   | 641404.31 | 4290586.68 641404.31, 4290 | 4.23507  | 4.23579                            | 4.23507    | 4.00821  | 1.18E-06              | 1.89E-07       | 3.55E-06   | 6.08E-08 | 4.98E-06 |  |
| 13                   | 641284.31 | 4290626.68 641284.31, 4290 | 2.49133  | 2.49164                            | 2.49133    | 2.36987  | 6.95E-07              | 1.11E-07       | 2.09E-06   | 3.59E-08 | 2.93E-06 |  |
| 14                   | 641324.31 | 4290626.68 641324.31, 4290 | 2.9374   | 2.93781                            | 2.9374     | 2.78263  | 8.20E-07              | 1.31E-07       | 2.46E-06   | 4.22E-08 | 3.45E-06 |  |
| 15                   | 641364.31 | 4290626.68 641364.31, 4290 | 3.53272  | 3.53327                            | 3.53272    | 3.32778  | 9.86E-07              | 1.58E-07       | 2.96E-06   | 5.05E-08 | 4.15E-06 |  |
| 16                   | 641404.31 | 4290626.68 641404.31, 4290 | 4.33498  | 4.33574                            | 4.33498    | 4.05774  | 1.21E-06              | 1.94E-07       | 3.63E-06   | 6.15E-08 | 5.10E-06 |  |
| 17                   | 641284.31 | 4290666.68 641284.31, 4290 | 2.5318   | 2.53213                            | 2.5318     | 2.39596  | 7.07E-07              | 1.13E-07       | 2.12E-06   | 3.63E-08 | 2.98E-06 |  |
| 18                   | 641324.31 | 4290666.68 641324.31, 4290 | 2.98996  | 2.99039                            | 2.98996    | 2.81501  | 8.35E-07              | 1.34E-07       | 2.50E-06   | 4.27E-08 | 3.51E-06 |  |
| 19                   | 641364.31 | 4290666.68 641364.31, 4290 | 3.60758  | 3.60815                            | 3.60758    | 3.37189  | 1.01E-06              | 1.61E-07       | 3.02E-06   | 5.11E-08 | 4.24E-06 |  |
| 20                   | 641404.31 | 4290666.68 641404.31, 4290 | 4.42784  | 4.42863                            | 4.42784    | 4.11052  | 1.24E-06              | 1.98E-07       | 3.71E-06   | 6.23E-08 | 5.20E-06 |  |
| 21                   | 641284.31 | 4290706.68 641284.31, 4290 | 2.56649  | 2.56683                            | 2.56649    | 2.41563  | 7.16E-07              | 1.15E-07       | 2.15E-06   | 3.66E-08 | 3.02E-06 |  |
| 22                   | 641324.31 | 4290706.68 641324.31, 4290 | 3.03692  | 3.03736                            | 3.03692    | 2.8413   | 8.48E-07              | 1.36E-07       | 2.54E-06   | 4.31E-08 | 3.57E-06 |  |
| 23                   | 641364.31 | 4290706.68 641364.31, 4290 | 3.67397  | 3.67455                            | 3.67397    | 3.40921  | 1.03E-06              | 1.64E-07       | 3.08E-06   | 5.17E-08 | 4.32E-06 |  |
| 24                   | 641404.31 | 4290706.68 641404.31, 4290 | 4.52911  | 4.52993                            | 4.52911    | 4.17204  | 1.26E-06              | 2.02E-07       | 3.79E-06   | 6.33E-08 | 5.32E-06 |  |
| 25                   | 641284.31 | 4290746.68 641284.31, 4290 | 2.60298  | 2.60332                            | 2.60298    | 2.43528  | 7.27E-07              | 1.16E-07       | 2.18E-06   | 3.69E-08 | 3.06E-06 |  |
| 26                   | 641324.31 | 4290746.68 641324.31, 4290 | 3.08236  | 3.08281                            | 3.08236    | 2.86816  | 8.60E-07              | 1.38E-07       | 2.58E-06   | 4.35E-08 | 3.62E-06 |  |
| 27                   | 641364.31 | 4290746.68 641364.31, 4290 | 3.73756  | 3.73816                            | 3.73756    | 3.45213  | 1.04E-06              | 1.67E-07       | 3.13E-06   | 5.23E-08 | 4.39E-06 |  |
| 28                   | 641404.31 | 4290746.68 641404.31, 4290 | 4.63986  | 4.64072                            | 4.63986    | 4.2535   | 1.30E-06              | 2.07E-07       | 3.89E-06   | 6.45E-08 | 5.45E-06 |  |
| 29                   | 641284.31 | 4290786.68 641284.31, 4290 | 2.64338  | 2.64373                            | 2.64338    | 2.46181  | 7.38E-07              | 1.18E-07       | 2.21E-06   | 3.73E-08 | 3.11E-06 |  |
| 30                   | 641324.31 | 4290786.68 641324.31, 4290 | 3.13751  | 3.13798                            | 3.13751    | 2.9096   | 8.76E-07              | 1.40E-07       | 2.63E-06   | 4.41E-08 | 3.69E-06 |  |
| 31                   | 641364.31 | 4290786.68 641364.31, 4290 | 3.81428  | 3.81491                            | 3.81428    | 3.51655  | 1.06E-06              | 1.70E-07       | 3.19E-06   | 5.33E-08 | 4.48E-06 |  |
| 32                   | 641404.31 | 4290786.68 641404.31, 4290 | 4.7682   | 4.7691                             | 4.7682     | 4.36265  | 1.33E-06              | 2.13E-07       | 3.99E-06   | 6.61E-08 | 5.60E-06 |  |
| 33                   | 641284.31 | 4290826.68 641284.31, 4290 | 2.6908   | 2.69116                            | 2.6908     | 2.50011  | 7.51E-07              | 1.20E-07       | 2.25E-06   | 3.79E-08 | 3.16E-06 |  |
| 34                   | 641324.31 | 4290826.68 641324.31, 4290 | 3.20671  | 3.20719                            | 3.20671    | 2.9688   | 8.95E-07              | 1.43E-07       | 2.69E-06   | 4.50E-08 | 3.77E-06 |  |
| 35                   | 641364.31 | 4290826.68 641364.31, 4290 | 3.90636  | 3.90702                            | 3.90636    | 3.59923  | 1.09E-06              | 1.75E-07       | 3.27E-06   | 5.46E-08 | 4.59E-06 |  |
| 36                   | 641404.31 | 4290826.68 641404.31, 4290 | 4.90472  | 4.90565                            | 4.90472    | 4.48191  | 1.37E-06              | 2.19E-07       | 4.11E-06   | 6.80E-08 | 5.76E-06 |  |
| 37                   | 641284.31 | 4290866.68 641284.31, 4290 | 2.74392  | 2.74429                            | 2.74392    | 2.54817  | 7.66E-07              | 1.23E-07       | 2.30E-06   | 3.86E-08 | 3.23E-06 |  |
| 38                   | 641324.31 | 4290866.68 641324.31, 4290 | 3.28208  | 3.28258                            | 3.28208    | 3.03603  | 9.16E-07              | 1.47E-07       | 2.75E-06   | 4.60E-08 | 3.86E-06 |  |
| 39                   | 641364.31 | 4290866.68 641364.31, 4290 | 4.00655  | 4.00723                            | 4.00655    | 3.68715  | 1.12E-06              | 1.79E-07       | 3.36E-06   | 5.59E-08 | 4.71E-06 |  |
| 40                   | 641404.31 | 4290866.68 641404.31, 4290 | 5.02308  | 5.02404                            | 5.02308    | 4.58414  | 1.40E-06              | 2.24E-07       | 4.21E-06   | 6.95E-08 | 5.90E-06 |  |
| 41                   | 641268.28 | 4290889.76 641268.28, 4290 | 2.59465  | 2.59499                            | 2.59465    | 2.41318  | 7.24E-07              | 1.16E-07       | 2.17E-06   | 3.66E-08 | 3.05E-06 |  |
| 42                   | 641308.28 | 4290889.76 641308.28, 4290 | 3.08807  | 3.08852                            | 3.08807    | 2.85972  | 8.62E-07              | 1.38E-07       | 2.59E-06   | 4.34E-08 | 3.63E-06 |  |
| 43                   | 641348.28 | 4290889.76 641348.28, 4290 | 3.73698  | 3.73759                            | 3.73698    | 3.44498  | 1.04E-06              | 1.67E-07       | 3.13E-06   | 5.22E-08 | 4.39E-06 |  |
| 44                   | 641388.28 | 4290889.76 641388.28, 4290 | 4.62282  | 4.62365                            | 4.62282    | 4.23368  | 1.29E-06              | 2.07E-07       | 3.87E-06   | 6.42E-08 | 5.43E-06 |  |
| 45                   | 641428.28 | 4290889.76 641428.28, 4290 | 5.83259  | 5.83374                            | 5.83259    | 5.29918  | 1.63E-06              | 2.61E-07       | 4.88E-06   | 8.03E-08 | 6.85E-06 |  |
| 46                   | 641468.28 | 4290889.76 641468.28, 4290 | 7.45425  | 7.45582                            | 7.45425    | 6.71314  | 2.08E-06              | 3.33E-07       | 6.24E-06   | 1.02E-07 | 8.76E-06 |  |
| 47                   | 641508.28 | 4290889.76 641508.28, 4290 | 9.5641   | 9.56614                            | 9.5641     | 8.50921  | 2.67E-06              | 4.27E-07       | 8.01E-06   | 1.29E-07 | 1.12E-05 |  |
| 48                   | 641548.28 | 4290889.76 641548.28, 4290 | 12.10557 | 12.10804                           | 12.10557   | 10.588   | 3.38E-06              | 5.41E-07       | 1.01E-05   | 1.61E-07 | 1.42E-05 |  |
| 49                   | 641588.28 | 4290889.76 641588.28, 4290 | 14.78987 | 14.79248                           | 14.78987   | 12.6611  | 4.13E-06              | 6.61E-07       | 1.24E-05   | 1.92E-07 | 1.74E-05 |  |
| 50                   | 641628.28 | 4290889.76 641628.28, 4290 | 17.04372 | 17.04593                           | 17.04372   | 14.29707 | 4.76E-06              | 7.61E-07       | 1.43E-05   | 2.17E-07 | 2.00E-05 |  |
| 51                   | 642188.28 | 4290889.76 642188.28, 4290 | 1.8141   | 1.81393                            | 1.8141     | 1.79156  | 5.06E-07              | 8.10E-08       | 1.52E-06   | 2.72E-08 | 2.13E-06 |  |
| 52                   | 642228.28 | 4290889.76 642228.28, 4290 | 1.60832  | 1.60819                            | 1.60832    | 1.589    | 4.49E-07              | 7.18E-08       | 1.35E-06   | 2.41E-08 | 1.89E-06 |  |
| 53                   | 642268.28 | 4290889.76 642268.28, 4290 | 1.43746  | 1.43734                            | 1.43746    | 1.42185  | 4.01E-07              | 6.42E-08       | 1.20E-06   | 2.16E-08 | 1.69E-06 |  |
| 54                   | 642308.28 | 4290889.76 642308.28, 4290 | 1.29357  | 1.29347                            | 1.29357    | 1.28191  | 3.61E-07              | 5.78E-08       | 1.08E-06   | 1.94E-08 | 1.52E-06 |  |
| 55                   | 642348.28 | 4290889.76 642348.28, 4290 | 1.17114  | 1.17105                            | 1.17114    | 1.16327  | 3.27E-07              | 5.23E-08       | 9.81E-07   | 1.76E-08 | 1.38E-06 |  |
| 56                   | 642388.28 | 4290889.76 642388.28, 4290 | 1.06597  | 1.06589                            | 1.06597    | 1.06146  | 2.98E-07              | 4.76E-08       | 8.93E-07   | 1.61E-08 | 1.25E-06 |  |
| 57                   | 642428.28 | 4290889.76 642428.28, 4290 | 0.97484  | 0.97477                            | 0.97484    | 0.97313  | 2.72E-07              | 4.35E-08       | 8.16E-07   | 1.48E-08 | 1.15E-06 |  |
| 58                   | 641268.28 | 4290929.76 641268.28, 4290 | 2.64585  | 2.6462                             | 2.64585    | 2.46002  | 7.39E-07              | 1.18E-07       | 2.22E-06   | 3.73E-08 | 3.11E-06 |  |
| 59                   | 641308.28 | 4290929.76 641308.28, 4290 | 3.15136  | 3.15182                            | 3.15136    | 2.9161   | 8.80E-07              | 1.41E-07       | 2.64E-06   | 4.42E-08 | 3.70E-06 |  |
| 60                   | 641348.28 | 4290929.76 641348.28, 4290 | 3.80527  | 3.80588                            | 3.80527    | 3.50607  | 1.06E-06              | 1.70E-07       | 3.19E-06   | 5.32E-08 | 4.47E-06 |  |



|     |           |            |                 |          |          |          |          |
|-----|-----------|------------|-----------------|----------|----------|----------|----------|
| 61  | 641388.28 | 4290929.76 | 641388.28, 429C | 4.66994  | 4.67075  | 4.66994  | 4.28051  |
| 62  | 641428.28 | 4290929.76 | 641428.28, 429C | 5.79894  | 5.8      | 5.79894  | 5.28453  |
| 63  | 641468.28 | 4290929.76 | 641468.28, 429C | 7.2232   | 7.22456  | 7.2232   | 6.53805  |
| 64  | 641508.28 | 4290929.76 | 641508.28, 429C | 8.93237  | 8.93401  | 8.93237  | 8.00344  |
| 65  | 641548.28 | 4290929.76 | 641548.28, 429C | 10.80265 | 10.80445 | 10.80265 | 9.53881  |
| 66  | 641588.28 | 4290929.76 | 641588.28, 429C | 12.57157 | 12.5733  | 12.57157 | 10.9114  |
| 67  | 641628.28 | 4290929.76 | 641628.28, 429C | 13.87408 | 13.8754  | 13.87408 | 11.86802 |
| 68  | 642188.28 | 4290929.76 | 642188.28, 429C | 1.72638  | 1.72622  | 1.72638  | 1.70506  |
| 69  | 642228.28 | 4290929.76 | 642228.28, 429C | 1.53536  | 1.53523  | 1.53536  | 1.5157   |
| 70  | 642268.28 | 4290929.76 | 642268.28, 429C | 1.37694  | 1.37683  | 1.37694  | 1.35907  |
| 71  | 642308.28 | 4290929.76 | 642308.28, 429C | 1.24301  | 1.24292  | 1.24301  | 1.22746  |
| 72  | 642348.28 | 4290929.76 | 642348.28, 429C | 1.12868  | 1.1286   | 1.12868  | 1.11586  |
| 73  | 642388.28 | 4290929.76 | 642388.28, 429C | 1.03034  | 1.03027  | 1.03034  | 1.02039  |
| 74  | 642428.28 | 4290929.76 | 642428.28, 429C | 0.94505  | 0.94499  | 0.94505  | 0.93786  |
| 75  | 641268.28 | 4290969.76 | 641268.28, 429C | 2.69306  | 2.69342  | 2.69306  | 2.5027   |
| 76  | 641308.28 | 4290969.76 | 641308.28, 429C | 3.19864  | 3.1991   | 3.19864  | 2.96024  |
| 77  | 641348.28 | 4290969.76 | 641348.28, 429C | 3.84004  | 3.84064  | 3.84004  | 3.54223  |
| 78  | 641388.28 | 4290969.76 | 641388.28, 429C | 4.65507  | 4.65583  | 4.65507  | 4.28044  |
| 79  | 641428.28 | 4290969.76 | 641428.28, 429C | 5.66695  | 5.6679   | 5.66695  | 5.19114  |
| 80  | 641468.28 | 4290969.76 | 641468.28, 429C | 6.86794  | 6.86908  | 6.86794  | 6.25679  |
| 81  | 641508.28 | 4290969.76 | 641508.28, 429C | 8.2055   | 8.20678  | 8.2055   | 7.40735  |
| 82  | 641548.28 | 4290969.76 | 641548.28, 429C | 9.55044  | 9.55174  | 9.55044  | 8.51132  |
| 83  | 641588.28 | 4290969.76 | 641588.28, 429C | 10.70898 | 10.71013 | 10.70898 | 9.40958  |
| 84  | 641628.28 | 4290969.76 | 641628.28, 429C | 11.45991 | 11.46073 | 11.45991 | 9.96399  |
| 85  | 641668.28 | 4290969.76 | 641668.28, 429C | 11.62213 | 11.62246 | 11.62213 | 10.08546 |
| 86  | 641708.28 | 4290969.76 | 641708.28, 429C | 11.11782 | 11.11759 | 11.11782 | 9.73205  |
| 87  | 641748.28 | 4290969.76 | 641748.28, 429C | 10.0351  | 10.03442 | 10.0351  | 8.94013  |
| 88  | 641788.28 | 4290969.76 | 641788.28, 429C | 8.62011  | 8.61919  | 8.62011  | 7.86025  |
| 89  | 641828.28 | 4290969.76 | 641828.28, 429C | 7.16553  | 7.16459  | 7.16553  | 6.6929   |
| 90  | 641868.28 | 4290969.76 | 641868.28, 429C | 5.87668  | 5.87586  | 5.87668  | 5.59229  |
| 91  | 641908.28 | 4290969.76 | 641908.28, 429C | 4.8181   | 4.81742  | 4.8181   | 4.63892  |
| 92  | 641948.28 | 4290969.76 | 641948.28, 429C | 3.98329  | 3.98276  | 3.98329  | 3.86069  |
| 93  | 642188.28 | 4290969.76 | 642188.28, 429C | 1.64462  | 1.64448  | 1.64462  | 1.62506  |
| 94  | 642228.28 | 4290969.76 | 642228.28, 429C | 1.4674   | 1.46728  | 1.4674   | 1.44957  |
| 95  | 642268.28 | 4290969.76 | 642268.28, 429C | 1.3201   | 1.31999  | 1.3201   | 1.30314  |
| 96  | 642308.28 | 4290969.76 | 642308.28, 429C | 1.19495  | 1.19486  | 1.19495  | 1.17897  |
| 97  | 642348.28 | 4290969.76 | 642348.28, 429C | 1.08742  | 1.08735  | 1.08742  | 1.07285  |
| 98  | 642388.28 | 4290969.76 | 642388.28, 429C | 0.9946   | 0.99454  | 0.9946   | 0.98186  |
| 99  | 642428.28 | 4290969.76 | 642428.28, 429C | 0.91426  | 0.9142   | 0.91426  | 0.9036   |
| 100 | 641268.28 | 4291009.76 | 641268.28, 4291 | 2.72858  | 2.72894  | 2.72858  | 2.5363   |
| 101 | 641308.28 | 4291009.76 | 641308.28, 4291 | 3.22289  | 3.22334  | 3.22289  | 2.98764  |
| 102 | 641348.28 | 4291009.76 | 641348.28, 4291 | 3.83519  | 3.83576  | 3.83519  | 3.54851  |
| 103 | 641388.28 | 4291009.76 | 641388.28, 4291 | 4.57805  | 4.57874  | 4.57805  | 4.23055  |
| 104 | 641428.28 | 4291009.76 | 641428.28, 4291 | 5.45476  | 5.45558  | 5.45476  | 5.02792  |
| 105 | 641468.28 | 4291009.76 | 641468.28, 4291 | 6.4371   | 6.43803  | 6.4371   | 5.90318  |
| 106 | 641508.28 | 4291009.76 | 641508.28, 4291 | 7.46047  | 7.46145  | 7.46047  | 7.78207  |
| 107 | 641548.28 | 4291009.76 | 641548.28, 4291 | 8.41614  | 8.41707  | 8.41614  | 7.56265  |
| 108 | 641588.28 | 4291009.76 | 641588.28, 4291 | 9.17186  | 9.17264  | 9.17186  | 8.1465   |
| 109 | 641628.28 | 4291009.76 | 641628.28, 4291 | 9.59993  | 9.60045  | 9.59993  | 8.46218  |
| 110 | 641668.28 | 4291009.76 | 641668.28, 4291 | 9.60751  | 9.60768  | 9.60751  | 8.4665   |
| 111 | 641708.28 | 4291009.76 | 641708.28, 4291 | 9.1673   | 9.1671   | 9.1673   | 8.14053  |
| 112 | 641748.28 | 4291009.76 | 641748.28, 4291 | 8.34683  | 8.34632  | 8.34683  | 7.51531  |
| 113 | 641788.28 | 4291009.76 | 641788.28, 4291 | 7.29983  | 7.29916  | 7.29983  | 6.69239  |
| 114 | 641828.28 | 4291009.76 | 641828.28, 4291 | 6.20016  | 6.19945  | 6.20016  | 5.79822  |
| 115 | 641868.28 | 4291009.76 | 641868.28, 4291 | 5.193    | 5.19235  | 5.193    | 4.9397   |
| 116 | 641908.28 | 4291009.76 | 641908.28, 4291 | 4.33631  | 4.33576  | 4.33631  | 4.17244  |
| 117 | 641948.28 | 4291009.76 | 641948.28, 4291 | 3.63912  | 3.63867  | 3.63912  | 3.52449  |
| 118 | 642188.28 | 4291009.76 | 642188.28, 4291 | 1.56955  | 1.56942  | 1.56955  | 1.55039  |
| 119 | 642228.28 | 4291009.76 | 642228.28, 4291 | 1.40547  | 1.40536  | 1.40547  | 1.38917  |
| 120 | 642268.28 | 4291009.76 | 642268.28, 4291 | 1.26752  | 1.26742  | 1.26752  | 1.2524   |
| 121 | 642308.28 | 4291009.76 | 642308.28, 4291 | 1.14974  | 1.14966  | 1.14974  | 1.13516  |
| 122 | 642348.28 | 4291009.76 | 642348.28, 4291 | 1.04828  | 1.04821  | 1.04828  | 1.03422  |
| 123 | 642388.28 | 4291009.76 | 642388.28, 4291 | 0.96069  | 0.96063  | 0.96069  | 0.94745  |
| 124 | 642428.28 | 4291009.76 | 642428.28, 4291 | 0.88463  | 0.88458  | 0.88463  | 0.87257  |
| 125 | 641268.28 | 4291049.76 | 641268.28, 4291 | 2.74627  | 2.74662  | 2.74627  | 2.55727  |
| 126 | 641308.28 | 4291049.76 | 641308.28, 4291 | 3.21799  | 3.21842  | 3.21799  | 2.99367  |
| 127 | 641348.28 | 4291049.76 | 641348.28, 4291 | 3.786    | 3.78652  | 3.786    | 3.52078  |
| 128 | 641388.28 | 4291049.76 | 641388.28, 4291 | 4.44751  | 4.44812  | 4.44751  | 4.13376  |
| 129 | 641428.28 | 4291049.76 | 641428.28, 4291 | 5.1865   | 5.18719  | 5.1865   | 4.81054  |
| 130 | 641468.28 | 4291049.76 | 641468.28, 4291 | 5.9729   | 5.97365  | 5.9729   | 5.5106   |
| 131 | 641508.28 | 4291049.76 | 641508.28, 4291 | 6.74438  | 6.74512  | 6.74438  | 6.16905  |

|          |          |          |          |          |
|----------|----------|----------|----------|----------|
| 1.30E-06 | 2.09E-07 | 3.91E-06 | 6.49E-08 | 5.49E-06 |
| 1.62E-06 | 2.59E-07 | 4.86E-06 | 8.01E-08 | 6.81E-06 |
| 2.02E-06 | 3.23E-07 | 6.05E-06 | 9.91E-08 | 8.49E-06 |
| 2.49E-06 | 3.99E-07 | 7.48E-06 | 1.21E-07 | 1.05E-05 |
| 3.02E-06 | 4.83E-07 | 9.05E-06 | 1.45E-07 | 1.27E-05 |
| 3.51E-06 | 5.62E-07 | 1.05E-05 | 1.65E-07 | 1.48E-05 |
| 3.87E-06 | 6.20E-07 | 1.16E-05 | 1.80E-07 | 1.63E-05 |
| 4.82E-07 | 7.71E-08 | 1.45E-06 | 2.59E-08 | 2.03E-06 |
| 4.29E-07 | 6.86E-08 | 1.29E-06 | 2.30E-08 | 1.81E-06 |
| 3.84E-07 | 6.15E-08 | 1.15E-06 | 2.06E-08 | 1.62E-06 |
| 3.47E-07 | 5.55E-08 | 1.04E-06 | 1.86E-08 | 1.46E-06 |
| 3.15E-07 | 5.04E-08 | 9.45E-07 | 1.69E-08 | 1.33E-06 |
| 2.88E-07 | 4.60E-08 | 8.63E-07 | 1.55E-08 | 1.21E-06 |
| 2.64E-07 | 4.22E-08 | 7.91E-07 | 1.42E-08 | 1.11E-06 |
| 7.52E-07 | 1.20E-07 | 2.26E-06 | 3.79E-08 | 3.17E-06 |
| 8.93E-07 | 1.43E-07 | 2.68E-06 | 4.49E-08 | 3.76E-06 |
| 1.07E-06 | 1.72E-07 | 3.22E-06 | 5.37E-08 | 4.51E-06 |
| 1.30E-06 | 2.08E-07 | 3.90E-06 | 6.49E-08 | 5.47E-06 |
| 1.58E-06 | 2.53E-07 | 4.75E-06 | 7.87E-08 | 6.66E-06 |
| 1.92E-06 | 3.07E-07 | 5.75E-06 | 9.49E-08 | 8.07E-06 |
| 2.29E-06 | 3.67E-07 | 6.87E-06 | 1.12E-07 | 9.64E-06 |
| 2.67E-06 | 4.27E-07 | 8.00E-06 | 1.29E-07 | 1.12E-05 |
| 2.99E-06 | 4.78E-07 | 8.97E-06 | 1.43E-07 | 1.26E-05 |
| 3.20E-06 | 5.12E-07 | 9.60E-06 | 1.51E-07 | 1.35E-05 |
| 3.24E-06 | 5.19E-07 | 9.73E-06 | 1.53E-07 | 1.36E-05 |
| 3.10E-06 | 4.97E-07 | 9.31E-06 | 1.48E-07 | 1.31E-05 |
| 2.80E-06 | 4.48E-07 | 8.40E-06 | 1.36E-07 | 1.18E-05 |
| 2.41E-06 | 3.85E-07 | 7.22E-06 | 1.19E-07 | 1.01E-05 |
| 2.00E-06 | 3.20E-07 | 6.00E-06 | 1.01E-07 | 8.42E-06 |
| 1.64E-06 | 2.62E-07 | 4.92E-06 | 8.48E-08 | 6.91E-06 |
| 1.34E-06 | 2.15E-07 | 4.03E-06 | 7.03E-08 | 5.67E-06 |
| 1.11E-06 | 1.78E-07 | 3.34E-06 | 5.85E-08 | 4.68E-06 |
| 4.59E-07 | 7.34E-08 | 1.38E-06 | 2.46E-08 | 1.93E-06 |
| 4.10E-07 | 6.55E-08 | 1.23E-06 | 2.20E-08 | 1.73E-06 |
| 3.69E-07 | 5.90E-08 | 1.11E-06 | 1.98E-08 | 1.55E-06 |
| 3.34E-07 | 5.34E-08 | 1.00E-06 | 1.79E-08 | 1.41E-06 |
| 3.04E-07 | 4.86E-08 | 9.11E-07 | 1.63E-08 | 1.28E-06 |
| 2.78E-07 | 4.44E-08 | 8.33E-07 | 1.49E-08 | 1.17E-06 |
| 2.55E-07 | 4.08E-08 | 7.66E-07 | 1.37E-08 | 1.08E-06 |
| 7.62E-07 | 1.22E-07 | 2.29E-06 | 3.85E-08 | 3.21E-06 |
| 9.00E-07 | 1.44E-07 | 2.70E-06 | 4.53E-08 | 3.79E-06 |
| 1.07E-06 | 1.71E-07 | 3.21E-06 | 5.38E-08 | 4.51E-06 |
| 1.28E-06 | 2.05E-07 | 3.83E-06 | 6.41E-08 | 5.38E-06 |
| 1.52E-06 | 2.44E-07 | 4.57E-06 | 7.62E-08 | 6.41E-06 |
| 1.80E-06 | 2.88E-07 | 5.39E-06 | 8.95E-08 | 7.56E-06 |
| 2.08E-06 | 3.33E-07 | 6.25E-06 | 1.03E-07 | 8.77E-06 |
| 2.35E-06 | 3.76E-07 | 7.05E-06 | 1.15E-07 | 9.89E-06 |
| 2.56E-06 | 4.10E-07 | 7.68E-06 | 1.24E-07 | 1.08E-05 |
| 2.68E-06 | 4.29E-07 | 8.04E-06 | 1.28E-07 | 1.13E-05 |
| 2.68E-06 | 4.29E-07 | 8.05E-06 | 1.28E-07 | 1.13E-05 |
| 2.56E-06 | 4.09E-07 | 7.68E-06 | 1.23E-07 | 1.08E-05 |
| 2.33E-06 | 3.73E-07 | 6.99E-06 | 1.14E-07 | 9.81E-06 |
| 2.04E-06 | 3.26E-07 | 6.11E-06 | 1.01E-07 | 8.58E-06 |
| 1.73E-06 | 2.77E-07 | 5.19E-06 | 8.79E-08 | 7.29E-06 |
| 1.45E-06 | 2.32E-07 | 4.35E-06 | 7.49E-08 | 6.11E-06 |
| 1.21E-06 | 1.94E-07 | 3.63E-06 | 6.33E-08 | 5.10E-06 |
| 1.02E-06 | 1.63E-07 | 3.05E-06 | 5.34E-08 | 4.28E-06 |
| 4.38E-07 | 7.01E-08 | 1.31E-06 | 2.35E-08 | 1.85E-06 |
| 3.92E-07 | 6.28E-08 | 1.18E-06 | 2.11E-08 | 1.65E-06 |
| 3.54E-07 | 5.66E-08 | 1.06E-06 | 1.90E-08 | 1.49E-06 |
| 3.21E-07 | 5.13E-08 | 9.63E-07 | 1.72E-08 | 1.35E-06 |
| 2.93E-07 | 4.68E-08 | 8.78E-07 | 1.57E-08 | 1.23E-06 |
| 2.68E-07 | 4.29E-08 | 8.05E-07 | 1.44E-08 | 1.13E-06 |
| 2.47E-07 | 3.95E-08 | 7.41E-07 | 1.32E-08 | 1.04E-06 |
| 7.67E-07 | 1.23E-07 | 2.30E-06 | 3.88E-08 | 3.23E-06 |
| 8.98E-07 | 1.44E-07 | 2.69E-06 | 4.54E-08 | 3.78E-06 |
| 1.06E-06 | 1.69E-07 | 3.17E-06 | 5.34E-08 | 4.45E-06 |
| 1.24E-06 | 1.99E-07 | 3.72E-06 | 6.27E-08 | 5.23E-06 |
| 1.45E-06 | 2.32E-07 | 4.34E-06 | 7.29E-08 | 6.10E-06 |
| 1.67E-06 | 2.67E-07 | 5.00E-06 | 8.35E-08 | 7.02E-06 |
| 1.88E-06 | 3.01E-07 | 5.65E-06 | 9.35E-08 | 7.93E-06 |

|     |           |            |                 |         |         |         |         |
|-----|-----------|------------|-----------------|---------|---------|---------|---------|
| 132 | 641548.28 | 4291049.76 | 641548.28, 4291 | 7.41909 | 7.41977 | 7.41909 | 6.71546 |
| 133 | 641588.28 | 4291049.76 | 641588.28, 4291 | 7.91107 | 7.91161 | 7.91107 | 7.09281 |
| 134 | 641628.28 | 4291049.76 | 641628.28, 4291 | 8.14689 | 8.14722 | 8.14689 | 7.26509 |
| 135 | 641668.28 | 4291049.76 | 641668.28, 4291 | 8.07904 | 8.07912 | 8.07904 | 7.21007 |
| 136 | 641708.28 | 4291049.76 | 641708.28, 4291 | 7.70103 | 7.70085 | 7.70103 | 6.91836 |
| 137 | 641748.28 | 4291049.76 | 641748.28, 4291 | 7.06249 | 7.06211 | 7.06249 | 6.41515 |
| 138 | 641788.28 | 4291049.76 | 641788.28, 4291 | 6.26346 | 6.26295 | 6.26346 | 5.77165 |
| 139 | 641828.28 | 4291049.76 | 641828.28, 4291 | 5.41488 | 5.41434 | 5.41488 | 5.07205 |
| 140 | 641868.28 | 4291049.76 | 641868.28, 4291 | 4.6191  | 4.61858 | 4.6191  | 4.39238 |
| 141 | 641908.28 | 4291049.76 | 641908.28, 4291 | 3.92011 | 3.91966 | 3.92011 | 3.76931 |
| 142 | 641948.28 | 4291049.76 | 641948.28, 4291 | 3.33465 | 3.33427 | 3.33465 | 3.22758 |
| 143 | 642188.28 | 4291049.76 | 642188.28, 4291 | 1.49753 | 1.49741 | 1.49753 | 1.47748 |
| 144 | 642228.28 | 4291049.76 | 642228.28, 4291 | 1.34657 | 1.34647 | 1.34657 | 1.33067 |
| 145 | 642268.28 | 4291049.76 | 642268.28, 4291 | 1.2176  | 1.21751 | 1.2176  | 1.20386 |
| 146 | 642308.28 | 4291049.76 | 642308.28, 4291 | 1.10706 | 1.10698 | 1.10706 | 1.09421 |
| 147 | 642348.28 | 4291049.76 | 642348.28, 4291 | 1.01146 | 1.01139 | 1.01146 | 0.99893 |
| 148 | 642388.28 | 4291049.76 | 642388.28, 4291 | 0.92867 | 0.92861 | 0.92867 | 0.91637 |
| 149 | 642428.28 | 4291049.76 | 642428.28, 4291 | 0.85655 | 0.8565  | 0.85655 | 0.84469 |
| 150 | 641268.28 | 4291089.76 | 641268.28, 4291 | 2.74415 | 2.74449 | 2.74415 | 2.56385 |
| 151 | 641308.28 | 4291089.76 | 641308.28, 4291 | 3.18526 | 3.18566 | 3.18526 | 2.97769 |
| 152 | 641348.28 | 4291089.76 | 641348.28, 4291 | 3.69961 | 3.70008 | 3.69961 | 3.46067 |
| 153 | 641388.28 | 4291089.76 | 641388.28, 4291 | 4.27442 | 4.27495 | 4.27442 | 3.99682 |
| 154 | 641428.28 | 4291089.76 | 641428.28, 4291 | 4.88513 | 4.88571 | 4.88513 | 4.55666 |
| 155 | 641468.28 | 4291089.76 | 641468.28, 4291 | 5.50531 | 5.50591 | 5.50531 | 5.10561 |
| 156 | 641508.28 | 4291089.76 | 641508.28, 4291 | 6.08236 | 6.08292 | 6.08236 | 5.59317 |
| 157 | 641548.28 | 4291089.76 | 641548.28, 4291 | 6.5568  | 6.55729 | 6.5568  | 5.97314 |
| 158 | 641588.28 | 4291089.76 | 641588.28, 4291 | 6.87518 | 6.87555 | 6.87518 | 6.21493 |
| 159 | 641628.28 | 4291089.76 | 641628.28, 4291 | 6.99534 | 6.99556 | 6.99534 | 6.30033 |
| 160 | 641668.28 | 4291089.76 | 641668.28, 4291 | 6.89268 | 6.89272 | 6.89268 | 6.21641 |
| 161 | 641708.28 | 4291089.76 | 641708.28, 4291 | 6.56909 | 6.56894 | 6.56909 | 5.95846 |
| 162 | 641748.28 | 4291089.76 | 641748.28, 4291 | 6.06137 | 6.06107 | 6.06137 | 5.54686 |
| 163 | 641788.28 | 4291089.76 | 641788.28, 4291 | 5.43709 | 5.4367  | 5.43709 | 5.03314 |
| 164 | 641828.28 | 4291089.76 | 641828.28, 4291 | 4.77022 | 4.76979 | 4.77022 | 4.4761  |
| 165 | 641868.28 | 4291089.76 | 641868.28, 4291 | 4.13223 | 4.13182 | 4.13223 | 3.92939 |
| 166 | 641908.28 | 4291089.76 | 641908.28, 4291 | 3.55748 | 3.55711 | 3.55748 | 3.41884 |
| 167 | 641948.28 | 4291089.76 | 641948.28, 4291 | 3.06388 | 3.06355 | 3.06388 | 2.96415 |
| 168 | 641988.28 | 4291089.76 | 641988.28, 4291 | 2.65098 | 2.65071 | 2.65098 | 2.57404 |
| 169 | 642028.28 | 4291089.76 | 642028.28, 4291 | 2.30662 | 2.3064  | 2.30662 | 2.24523 |
| 170 | 642068.28 | 4291089.76 | 642068.28, 4291 | 2.02288 | 2.02269 | 2.02288 | 1.97392 |
| 171 | 642108.28 | 4291089.76 | 642108.28, 4291 | 1.79137 | 1.79122 | 1.79137 | 1.75275 |
| 172 | 642148.28 | 4291089.76 | 642148.28, 4291 | 1.59332 | 1.59319 | 1.59332 | 1.56438 |
| 173 | 641268.28 | 4291129.76 | 641268.28, 4291 | 2.72137 | 2.72169 | 2.72137 | 2.55448 |
| 174 | 641308.28 | 4291129.76 | 641308.28, 4291 | 3.12601 | 3.12638 | 3.12601 | 2.9389  |
| 175 | 641348.28 | 4291129.76 | 641348.28, 4291 | 3.58287 | 3.58329 | 3.58287 | 3.37134 |
| 176 | 641388.28 | 4291129.76 | 641388.28, 4291 | 4.07335 | 4.07381 | 4.07335 | 3.8297  |
| 177 | 641428.28 | 4291129.76 | 641428.28, 4291 | 4.57051 | 4.57098 | 4.57051 | 4.28362 |
| 178 | 641468.28 | 4291129.76 | 641468.28, 4291 | 5.05377 | 5.05424 | 5.05377 | 4.70726 |
| 179 | 641508.28 | 4291129.76 | 641508.28, 4291 | 5.48275 | 5.48318 | 5.48275 | 5.06511 |
| 180 | 641548.28 | 4291129.76 | 641548.28, 4291 | 5.81578 | 5.81614 | 5.81578 | 5.32842 |
| 181 | 641588.28 | 4291129.76 | 641588.28, 4291 | 6.01926 | 6.01952 | 6.01926 | 5.48092 |
| 182 | 641628.28 | 4291129.76 | 641628.28, 4291 | 6.06907 | 6.06921 | 6.06907 | 5.51307 |
| 183 | 641668.28 | 4291129.76 | 641668.28, 4291 | 5.95295 | 5.95295 | 5.95295 | 5.4168  |
| 184 | 641708.28 | 4291129.76 | 641708.28, 4291 | 5.67563 | 5.6755  | 5.67563 | 5.18973 |
| 185 | 641748.28 | 4291129.76 | 641748.28, 4291 | 5.26449 | 5.26425 | 5.26449 | 4.84829 |
| 186 | 641788.28 | 4291129.76 | 641788.28, 4291 | 4.76674 | 4.76642 | 4.76674 | 4.43084 |
| 187 | 641828.28 | 4291129.76 | 641828.28, 4291 | 4.2341  | 4.23376 | 4.2341  | 3.98042 |
| 188 | 641868.28 | 4291129.76 | 641868.28, 4291 | 3.71645 | 3.71611 | 3.71645 | 3.53493 |
| 189 | 641908.28 | 4291129.76 | 641908.28, 4291 | 3.24024 | 3.23993 | 3.24024 | 3.11285 |
| 190 | 641948.28 | 4291129.76 | 641948.28, 4291 | 2.82192 | 2.82164 | 2.82192 | 2.72922 |
| 191 | 641988.28 | 4291129.76 | 641988.28, 4291 | 2.4632  | 2.46296 | 2.4632  | 2.39129 |
| 192 | 642028.28 | 4291129.76 | 642028.28, 4291 | 2.16064 | 2.16044 | 2.16064 | 2.1021  |
| 193 | 642068.28 | 4291129.76 | 642068.28, 4291 | 1.90738 | 1.90721 | 1.90738 | 1.8592  |
| 194 | 642108.28 | 4291129.76 | 642108.28, 4291 | 1.69516 | 1.69501 | 1.69516 | 1.6562  |
| 195 | 642148.28 | 4291129.76 | 642148.28, 4291 | 1.51587 | 1.51575 | 1.51587 | 1.4853  |
| 196 | 641374.56 | 4290226.75 | 641374.56, 429C | 1.9202  | 1.92033 | 1.9202  | 1.99745 |
| 197 | 641414.56 | 4290226.75 | 641414.56, 429C | 2.12362 | 2.12376 | 2.12362 | 2.23344 |
| 198 | 641454.56 | 4290226.75 | 641454.56, 429C | 2.34657 | 2.34671 | 2.34657 | 2.4968  |
| 199 | 641494.56 | 4290226.75 | 641494.56, 429C | 2.58635 | 2.5865  | 2.58635 | 2.78458 |
| 200 | 641534.56 | 4290226.75 | 641534.56, 429C | 2.84231 | 2.84245 | 2.84231 | 3.09444 |
| 201 | 641574.56 | 4290226.75 | 641574.56, 429C | 3.11474 | 3.11488 | 3.11474 | 3.42974 |
| 202 | 641614.56 | 4290226.75 | 641614.56, 429C | 3.40041 | 3.40054 | 3.40041 | 3.79303 |

|          |          |          |          |          |
|----------|----------|----------|----------|----------|
| 2.07E-06 | 3.31E-07 | 6.21E-06 | 1.02E-07 | 8.72E-06 |
| 2.21E-06 | 3.53E-07 | 6.63E-06 | 1.08E-07 | 9.29E-06 |
| 2.27E-06 | 3.64E-07 | 6.82E-06 | 1.10E-07 | 9.57E-06 |
| 2.26E-06 | 3.61E-07 | 6.77E-06 | 1.09E-07 | 9.49E-06 |
| 2.15E-06 | 3.44E-07 | 6.45E-06 | 1.05E-07 | 9.05E-06 |
| 1.97E-06 | 3.15E-07 | 5.91E-06 | 9.73E-08 | 8.30E-06 |
| 1.75E-06 | 2.80E-07 | 5.25E-06 | 8.75E-08 | 7.36E-06 |
| 1.51E-06 | 2.42E-07 | 4.53E-06 | 7.69E-08 | 6.36E-06 |
| 1.29E-06 | 2.06E-07 | 3.87E-06 | 6.66E-08 | 5.43E-06 |
| 1.09E-06 | 1.75E-07 | 3.28E-06 | 5.71E-08 | 4.61E-06 |
| 9.31E-07 | 1.49E-07 | 2.79E-06 | 4.89E-08 | 3.92E-06 |
| 4.18E-07 | 6.69E-08 | 1.25E-06 | 2.24E-08 | 1.76E-06 |
| 3.76E-07 | 6.01E-08 | 1.13E-06 | 2.02E-08 | 1.58E-06 |
| 3.40E-07 | 5.44E-08 | 1.02E-06 | 1.83E-08 | 1.43E-06 |
| 3.09E-07 | 4.94E-08 | 9.27E-07 | 1.66E-08 | 1.30E-06 |
| 2.82E-07 | 4.52E-08 | 8.47E-07 | 1.51E-08 | 1.19E-06 |
| 2.59E-07 | 4.15E-08 | 7.78E-07 | 1.39E-08 | 1.09E-06 |
| 2.39E-07 | 3.83E-08 | 7.17E-07 | 1.28E-08 | 1.01E-06 |
| 7.66E-07 | 1.23E-07 | 2.30E-06 | 3.89E-08 | 3.23E-06 |
| 8.89E-07 | 1.42E-07 | 2.67E-06 | 4.51E-08 | 3.74E-06 |
| 1.03E-06 | 1.65E-07 | 3.10E-06 | 5.25E-08 | 4.35E-06 |
| 1.19E-06 | 1.91E-07 | 3.58E-06 | 6.06E-08 | 5.02E-06 |
| 1.36E-06 | 2.18E-07 | 4.09E-06 | 6.91E-08 | 5.74E-06 |
| 1.54E-06 | 2.46E-07 | 4.61E-06 | 7.74E-08 | 6.47E-06 |
| 1.70E-06 | 2.72E-07 | 5.09E-06 | 8.48E-08 | 7.15E-06 |
| 1.83E-06 | 2.93E-07 | 5.49E-06 | 9.06E-08 | 7.70E-06 |
| 1.92E-06 | 3.07E-07 | 5.76E-06 | 9.42E-08 | 8.08E-06 |
| 1.95E-06 | 3.12E-07 | 5.86E-06 | 9.55E-08 | 8.22E-06 |
| 1.92E-06 | 3.08E-07 | 5.77E-06 | 9.42E-08 | 8.10E-06 |
| 1.83E-06 | 2.93E-07 | 5.50E-06 | 9.03E-08 | 7.72E-06 |
| 1.69E-06 | 2.71E-07 | 5.08E-06 | 8.41E-08 | 7.12E-06 |
| 1.52E-06 | 2.43E-07 | 4.55E-06 | 7.63E-08 | 6.39E-06 |
| 1.33E-06 | 2.13E-07 | 3.99E-06 | 6.79E-08 | 5.61E-06 |
| 1.15E-06 | 1.85E-07 | 3.46E-06 | 5.96E-08 | 4.86E-06 |
| 9.93E-07 | 1.59E-07 | 2.98E-06 | 5.18E-08 | 4.18E-06 |
| 8.55E-07 | 1.37E-07 | 2.57E-06 | 4.49E-08 | 3.60E-06 |
| 7.40E-07 | 1.18E-07 | 2.22E-06 | 3.90E-08 | 3.12E-06 |
| 6.44E-07 | 1.03E-07 | 1.93E-06 | 3.40E-08 | 2.71E-06 |
| 5.65E-07 | 9.03E-08 | 1.69E-06 | 2.99E-08 | 2.38E-06 |
| 5.00E-07 | 8.00E-08 | 1.50E-06 | 2.66E-08 | 2.11E-06 |
| 4.45E-07 | 7.12E-08 | 1.33E-06 | 2.37E-08 | 1.87E-06 |
| 7.60E-07 | 1.22E-07 | 2.28E-06 | 3.87E-08 | 3.20E-06 |
| 8.73E-07 | 1.40E-07 | 2.62E-06 | 4.46E-08 | 3.67E-06 |
| 1.00E-06 | 1.60E-07 | 3.00E-06 | 5.11E-08 | 4.21E-06 |
| 1.14E-06 | 1.82E-07 | 3.41E-06 | 5.81E-08 | 4.79E-06 |
| 1.28E-06 | 2.04E-07 | 3.83E-06 | 6.49E-08 | 5.37E-06 |
| 1.41E-06 | 2.26E-07 | 4.23E-06 | 7.14E-08 | 5.94E-06 |
| 1.53E-06 | 2.45E-07 | 4.59E-06 | 7.68E-08 | 6.44E-06 |
| 1.62E-06 | 2.60E-07 | 4.87E-06 | 8.08E-08 | 6.83E-06 |
| 1.68E-06 | 2.69E-07 | 5.04E-06 | 8.31E-08 | 7.07E-06 |
| 1.69E-06 | 2.71E-07 | 5.08E-06 | 8.36E-08 | 7.13E-06 |
| 1.66E-06 | 2.66E-07 | 4.99E-06 | 8.21E-08 | 6.99E-06 |
| 1.58E-06 | 2.53E-07 | 4.75E-06 | 7.87E-08 | 6.67E-06 |
| 1.47E-06 | 2.35E-07 | 4.41E-06 | 7.35E-08 | 6.19E-06 |
| 1.33E-06 | 2.13E-07 | 3.99E-06 | 6.72E-08 | 5.60E-06 |
| 1.18E-06 | 1.89E-07 | 3.55E-06 | 6.03E-08 | 4.98E-06 |
| 1.04E-06 | 1.66E-07 | 3.11E-06 | 5.36E-08 | 4.37E-06 |
| 9.04E-07 | 1.45E-07 | 2.71E-06 | 4.72E-08 | 3.81E-06 |
| 7.88E-07 | 1.26E-07 | 2.36E-06 | 4.14E-08 | 3.32E-06 |
| 6.88E-07 | 1.10E-07 | 2.06E-06 | 3.63E-08 | 2.90E-06 |
| 6.03E-07 | 9.65E-08 | 1.81E-06 | 3.19E-08 | 2.54E-06 |
| 5.32E-07 | 8.52E-08 | 1.60E-06 | 2.82E-08 | 2.24E-06 |
| 4.73E-07 | 7.57E-08 | 1.42E-06 | 2.51E-08 | 1.99E-06 |
| 4.23E-07 | 6.77E-08 | 1.27E-06 | 2.25E-08 | 1.78E-06 |
| 5.36E-07 | 8.58E-08 | 1.61E-06 | 3.03E-08 | 2.26E-06 |
| 5.93E-07 | 9.49E-08 | 1.78E-06 | 3.39E-08 | 2.50E-06 |
| 6.55E-07 | 1.05E-07 | 1.97E-06 | 3.79E-08 | 2.76     |

|     |           |            |                 |         |         |         |          |
|-----|-----------|------------|-----------------|---------|---------|---------|----------|
| 203 | 641654.56 | 4290226.75 | 641654.56, 429C | 3.70073 | 3.70084 | 3.70073 | 4.18345  |
| 204 | 641694.56 | 4290226.75 | 641694.56, 429C | 4.01404 | 4.01415 | 4.01404 | 4.57345  |
| 205 | 641734.56 | 4290226.75 | 641734.56, 429C | 4.35305 | 4.35319 | 4.35305 | 4.95948  |
| 206 | 641774.56 | 4290226.75 | 641774.56, 429C | 4.7636  | 4.76377 | 4.7636  | 5.43209  |
| 207 | 641814.56 | 4290226.75 | 641814.56, 429C | 5.22719 | 5.22735 | 5.22719 | 6.05768  |
| 208 | 641854.56 | 4290226.75 | 641854.56, 429C | 5.61167 | 5.61167 | 5.61167 | 6.69729  |
| 209 | 641894.56 | 4290226.75 | 641894.56, 429C | 5.75285 | 5.75263 | 5.75285 | 7.0178   |
| 210 | 641934.56 | 4290226.75 | 641934.56, 429C | 5.58543 | 5.58501 | 5.58543 | 6.81656  |
| 211 | 641974.56 | 4290226.75 | 641974.56, 429C | 5.179   | 5.17847 | 5.179   | 6.21273  |
| 212 | 642014.56 | 4290226.75 | 642014.56, 429C | 4.65363 | 4.65309 | 4.65363 | 5.44943  |
| 213 | 642054.56 | 4290226.75 | 642054.56, 429C | 4.10564 | 4.10514 | 4.10564 | 4.69249  |
| 214 | 642094.56 | 4290226.75 | 642094.56, 429C | 3.5901  | 3.58966 | 3.5901  | 4.01284  |
| 215 | 642134.56 | 4290226.75 | 642134.56, 429C | 3.1313  | 3.13093 | 3.1313  | 3.4313   |
| 216 | 642174.56 | 4290226.75 | 642174.56, 429C | 2.73289 | 2.73257 | 2.73289 | 2.94366  |
| 217 | 642214.56 | 4290226.75 | 642214.56, 429C | 2.38913 | 2.38886 | 2.38913 | 2.536    |
| 218 | 642254.56 | 4290226.75 | 642254.56, 429C | 2.0968  | 2.09658 | 2.0968  | 2.19836  |
| 219 | 642294.56 | 4290226.75 | 642294.56, 429C | 1.84992 | 1.84973 | 1.84992 | 1.91933  |
| 220 | 642334.56 | 4290226.75 | 642334.56, 429C | 1.64037 | 1.64021 | 1.64037 | 1.68691  |
| 221 | 642374.56 | 4290226.75 | 642374.56, 429C | 1.46042 | 1.46029 | 1.46042 | 1.49084  |
| 222 | 642414.56 | 4290226.75 | 642414.56, 429C | 1.30668 | 1.30657 | 1.30668 | 1.32599  |
| 223 | 642454.56 | 4290226.75 | 642454.56, 429C | 1.17547 | 1.17537 | 1.17547 | 1.18734  |
| 224 | 642494.56 | 4290226.75 | 642494.56, 429C | 1.06247 | 1.06239 | 1.06247 | 1.06954  |
| 225 | 642534.56 | 4290226.75 | 642534.56, 429C | 0.96484 | 0.96477 | 0.96484 | 0.96894  |
| 226 | 642574.56 | 4290226.75 | 642574.56, 429C | 0.88    | 0.87994 | 0.88    | 0.88233  |
| 227 | 642614.56 | 4290226.75 | 642614.56, 429C | 0.80701 | 0.80696 | 0.80701 | 0.80836  |
| 228 | 641374.56 | 4290266.75 | 641374.56, 429C | 2.09724 | 2.0974  | 2.09724 | 2.16744  |
| 229 | 641414.56 | 4290266.75 | 641414.56, 429C | 2.34911 | 2.34928 | 2.34911 | 2.45673  |
| 230 | 641454.56 | 4290266.75 | 641454.56, 429C | 2.62794 | 2.62812 | 2.62794 | 2.78733  |
| 231 | 641494.56 | 4290266.75 | 641494.56, 429C | 2.93458 | 2.93477 | 2.93458 | 3.159    |
| 232 | 641534.56 | 4290266.75 | 641534.56, 429C | 3.2698  | 3.26999 | 3.2698  | 3.57206  |
| 233 | 641574.56 | 4290266.75 | 641574.56, 429C | 3.63613 | 3.63633 | 3.63613 | 4.0301   |
| 234 | 641614.56 | 4290266.75 | 641614.56, 429C | 4.03153 | 4.03172 | 4.03153 | 4.53839  |
| 235 | 641654.56 | 4290266.75 | 641654.56, 429C | 4.44416 | 4.44433 | 4.44416 | 5.08726  |
| 236 | 641694.56 | 4290266.75 | 641694.56, 429C | 4.86504 | 4.86521 | 4.86504 | 5.63623  |
| 237 | 641734.56 | 4290266.75 | 641734.56, 429C | 5.33816 | 5.33836 | 5.33816 | 6.1975   |
| 238 | 641774.56 | 4290266.75 | 641774.56, 429C | 5.91818 | 5.91843 | 5.91818 | 6.89832  |
| 239 | 641814.56 | 4290266.75 | 641814.56, 429C | 6.53694 | 6.53711 | 6.53694 | 7.80688  |
| 240 | 641854.56 | 4290266.75 | 641854.56, 429C | 6.95565 | 6.95553 | 6.95565 | 8.58621  |
| 241 | 641894.56 | 4290266.75 | 641894.56, 429C | 6.94817 | 6.94771 | 6.94817 | 8.69338  |
| 242 | 641934.56 | 4290266.75 | 641934.56, 429C | 6.51816 | 6.51748 | 6.51816 | 8.04641  |
| 243 | 641974.56 | 4290266.75 | 641974.56, 429C | 5.83974 | 5.839   | 5.83974 | 7.01162  |
| 244 | 642014.56 | 4290266.75 | 642014.56, 429C | 5.09213 | 5.09143 | 5.09213 | 5.93367  |
| 245 | 642054.56 | 4290266.75 | 642054.56, 429C | 4.38331 | 4.38271 | 4.38331 | 4.96917  |
| 246 | 642094.56 | 4290266.75 | 642094.56, 429C | 3.76034 | 3.75984 | 3.76034 | 4.16125  |
| 247 | 642134.56 | 4290266.75 | 642134.56, 429C | 3.23046 | 3.23004 | 3.23046 | 3.50159  |
| 248 | 642174.56 | 4290266.75 | 642174.56, 429C | 2.78453 | 2.78419 | 2.78453 | 2.96604  |
| 249 | 642214.56 | 4290266.75 | 642214.56, 429C | 2.4103  | 2.41002 | 2.4103  | 2.53039  |
| 250 | 642254.56 | 4290266.75 | 642254.56, 429C | 2.09789 | 2.09766 | 2.09789 | 2.17621  |
| 251 | 642294.56 | 4290266.75 | 642294.56, 429C | 1.83945 | 1.83926 | 1.83945 | 1.8897   |
| 252 | 642334.56 | 4290266.75 | 642334.56, 429C | 1.62351 | 1.62335 | 1.62351 | 1.65513  |
| 253 | 642374.56 | 4290266.75 | 642374.56, 429C | 1.44068 | 1.44054 | 1.44068 | 1.4602   |
| 254 | 642414.56 | 4290266.75 | 642414.56, 429C | 1.28614 | 1.28602 | 1.28614 | 1.29804  |
| 255 | 642454.56 | 4290266.75 | 642454.56, 429C | 1.15601 | 1.15592 | 1.15601 | 1.16329  |
| 256 | 642494.56 | 4290266.75 | 642494.56, 429C | 1.04478 | 1.0447  | 1.04478 | 1.04932  |
| 257 | 642534.56 | 4290266.75 | 642534.56, 429C | 0.94915 | 0.94908 | 0.94915 | 0.95213  |
| 258 | 642574.56 | 4290266.75 | 642574.56, 429C | 0.86592 | 0.86586 | 0.86592 | 0.86801  |
| 259 | 642614.56 | 4290266.75 | 642614.56, 429C | 0.79436 | 0.79431 | 0.79436 | 0.79593  |
| 260 | 641374.56 | 4290306.75 | 641374.56, 429C | 2.28677 | 2.28696 | 2.28677 | 2.34261  |
| 261 | 641414.56 | 4290306.75 | 641414.56, 429C | 2.59667 | 2.59689 | 2.59667 | 2.69305  |
| 262 | 641454.56 | 4290306.75 | 641454.56, 429C | 2.94841 | 2.94865 | 2.94841 | 3.10629  |
| 263 | 641494.56 | 4290306.75 | 641494.56, 429C | 3.34903 | 3.34929 | 3.34903 | 3.5928   |
| 264 | 641534.56 | 4290306.75 | 641534.56, 429C | 3.80137 | 3.80165 | 3.80137 | 4.15811  |
| 265 | 641574.56 | 4290306.75 | 641574.56, 429C | 4.30717 | 4.30745 | 4.30717 | 4.80315  |
| 266 | 641614.56 | 4290306.75 | 641614.56, 429C | 4.85124 | 4.85152 | 4.85124 | 5.51733  |
| 267 | 641654.56 | 4290306.75 | 641654.56, 429C | 5.42595 | 5.42621 | 5.42595 | 6.30647  |
| 268 | 641694.56 | 4290306.75 | 641694.56, 429C | 6.03471 | 6.03495 | 6.03471 | 7.13858  |
| 269 | 641734.56 | 4290306.75 | 641734.56, 429C | 6.7218  | 6.72209 | 6.7218  | 7.99779  |
| 270 | 641774.56 | 4290306.75 | 641774.56, 429C | 7.55506 | 7.55541 | 7.55506 | 9.07311  |
| 271 | 641814.56 | 4290306.75 | 641814.56, 429C | 8.38435 | 8.38447 | 8.38435 | 10.42154 |
| 272 | 641854.56 | 4290306.75 | 641854.56, 429C | 8.75646 | 8.75605 | 8.75646 | 11.23762 |
| 273 | 641894.56 | 4290306.75 | 641894.56, 429C | 8.41812 | 8.41726 | 8.41812 | 10.77216 |

|          |          |          |          |          |
|----------|----------|----------|----------|----------|
| 1.03E-06 | 1.65E-07 | 3.10E-06 | 6.34E-08 | 4.36E-06 |
| 1.12E-06 | 1.79E-07 | 3.36E-06 | 6.93E-08 | 4.73E-06 |
| 1.22E-06 | 1.94E-07 | 3.65E-06 | 7.52E-08 | 5.13E-06 |
| 1.33E-06 | 2.13E-07 | 3.99E-06 | 8.24E-08 | 5.61E-06 |
| 1.46E-06 | 2.33E-07 | 4.38E-06 | 9.18E-08 | 6.16E-06 |
| 1.57E-06 | 2.51E-07 | 4.70E-06 | 1.02E-07 | 6.62E-06 |
| 1.61E-06 | 2.57E-07 | 4.82E-06 | 1.06E-07 | 6.79E-06 |
| 1.56E-06 | 2.49E-07 | 4.68E-06 | 1.03E-07 | 6.59E-06 |
| 1.45E-06 | 2.31E-07 | 4.34E-06 | 9.42E-08 | 6.11E-06 |
| 1.30E-06 | 2.08E-07 | 3.90E-06 | 8.26E-08 | 5.49E-06 |
| 1.15E-06 | 1.83E-07 | 3.44E-06 | 7.11E-08 | 4.84E-06 |
| 1.00E-06 | 1.60E-07 | 3.01E-06 | 6.08E-08 | 4.23E-06 |
| 8.74E-07 | 1.40E-07 | 2.62E-06 | 5.20E-08 | 3.69E-06 |
| 7.63E-07 | 1.22E-07 | 2.29E-06 | 4.46E-08 | 3.22E-06 |
| 6.67E-07 | 1.07E-07 | 2.00E-06 | 3.84E-08 | 2.81E-06 |
| 5.85E-07 | 9.36E-08 | 1.76E-06 | 3.33E-08 | 2.47E-06 |
| 5.16E-07 | 8.26E-08 | 1.55E-06 | 2.91E-08 | 2.18E-06 |
| 4.58E-07 | 7.33E-08 | 1.37E-06 | 2.56E-08 | 1.93E-06 |
| 4.08E-07 | 6.52E-08 | 1.22E-06 | 2.26E-08 | 1.72E-06 |
| 3.65E-07 | 5.84E-08 | 1.09E-06 | 2.01E-08 | 1.54E-06 |
| 3.28E-07 | 5.25E-08 | 9.84E-07 | 1.80E-08 | 1.38E-06 |
| 2.97E-07 | 4.74E-08 | 8.90E-07 | 1.62E-08 | 1.25E-06 |
| 2.69E-07 | 4.31E-08 | 8.08E-07 | 1.47E-08 | 1.14E-06 |
| 2.46E-07 | 3.93E-08 | 7.37E-07 | 1.34E-08 | 1.04E-06 |
| 2.25E-07 | 3.60E-08 | 6.76E-07 | 1.23E-08 | 9.49E-07 |
| 5.85E-07 | 9.37E-08 | 1.76E-06 | 3.29E-08 | 2.47E-06 |
| 6.56E-07 | 1.05E-07 | 1.97E-06 | 3.72E-08 | 2.77E-06 |
| 7.34E-07 | 1.17E-07 | 2.20E-06 | 4.23E-08 | 3.09E-06 |
| 8.19E-07 | 1.31E-07 | 2.46E-06 | 4.79E-08 | 3.46E-06 |
| 9.13E-07 | 1.46E-07 | 2.74E-06 | 5.42E-08 | 3.85E-06 |
| 1.02E-06 | 1.62E-07 | 3.05E-06 | 6.11E-08 | 4.28E-06 |
| 1.13E-06 | 1.80E-07 | 3.38E-06 | 6.88E-08 | 4.75E-06 |
| 1.24E-06 | 1.98E-07 | 3.72E-06 | 7.71E-08 | 5.24E-06 |
| 1.36E-06 | 2.17E-07 | 4.07E-06 | 8.55E-08 | 5.73E-06 |
| 1.49E-06 | 2.38E-07 | 4.47E-06 | 9.40E-08 | 6.29E-06 |
| 1.65E-06 | 2.64E-07 | 4.96E-06 | 1.05E-07 | 6.98E-06 |
| 1.82E-06 | 2.92E-07 | 5.47E-06 | 1.18E-07 | 7.71E-06 |
| 1.94E-06 | 3.11E-07 | 5.82E-06 | 1.30E-07 | 8.21E-06 |
| 1.94E-06 | 3.10E-07 | 5.82E-06 | 1.32E-07 | 8.20E-06 |
| 1.82E-06 | 2.91E-07 | 5.46E-06 | 1.22E-07 | 7.69E-06 |
| 1.63E-06 | 2.61E-07 | 4.89E-06 | 1.06E-07 | 6.89E-06 |
| 1.42E-06 | 2.27E-07 | 4.26E-06 | 9.00E-08 | 6.00E-06 |
| 1.22E-06 | 1.96E-07 | 3.67E-06 | 7.53E-08 | 5.17E-06 |
| 1.05E-06 | 1.68E-07 | 3.15E-06 | 6.31E-08 | 4.43E-06 |
| 9.02E-07 | 1.44E-07 | 2.71E-06 | 5.31E-08 | 3.80E-06 |
| 7.77E-07 | 1.24E-07 | 2.33E-06 | 4.50E-08 | 3.28E-06 |
| 6.73E-07 | 1.08E-07 | 2.02E-06 | 3.84E-08 | 2.84E-06 |
| 5.86E-07 | 9.37E-08 | 1.76E-06 | 3.30E-08 | 2.47E-06 |
| 5.13E-07 | 8.21E-08 | 1.54E-06 | 2.87E-08 | 2.16E-06 |
| 4.53E-07 | 7.25E-08 | 1.36E-06 | 2.51E-08 | 1.91E-06 |
| 4.02E-07 | 6.43E-08 | 1.21E-06 | 2.21E-08 | 1.70E-06 |
| 3.59E-07 | 5.74E-08 | 1.08E-06 | 1.97E-08 | 1.51E-06 |
| 3.23E-07 | 5.16E-08 | 9.68E-07 | 1.76E-08 | 1.36E-06 |
| 2.92E-07 | 4.67E-08 | 8.75E-07 | 1.59E-08 | 1.23E-06 |
| 2.65E-07 | 4.24E-08 | 7.95E-07 | 1.44E-08 | 1.12E-06 |
| 2.42E-07 | 3.87E-08 | 7.25E-07 | 1.32E-08 | 1.02E-06 |
| 2.22E-07 | 3.55E-08 | 6.65E-07 | 1.21E-08 | 9.35E-07 |
| 6.38E-07 | 1.02E-07 | 1.92E-06 | 3.55E-08 | 2.69E-06 |
| 7.25E-07 | 1.16E-07 | 2.17E-06 | 4.08E-08 | 3.06E-06 |
| 8.23E-07 | 1.32E-07 | 2.47E-06 | 4.71E-08 | 3.47E-06 |
| 9.35E-07 | 1.50E-07 | 2.80E-06 | 5.45E-08 | 3.94E-06 |
| 1.06E-06 | 1.70E-07 | 3.18E-06 | 6.30E-08 | 4.48E-06 |
| 1.20E-06 | 1.92E-07 | 3.61E-06 | 7.28E-08 | 5.07E-06 |
| 1.35E-06 | 2.17E-07 | 4.06E-06 | 8.36E-08 | 5.72E-06 |
| 1.51E-06 | 2.42E-07 | 4.54E-06 | 9.56E-08 | 6.40E-06 |
| 1.68E-06 | 2.70E-07 | 5.05E-06 | 1.08E-07 | 7.12E-06 |
| 1.88E-06 | 3.00E-07 | 5.63E-06 | 1.21E-07 | 7.93E-06 |



|     |           |            |                 |          |          |          |          |
|-----|-----------|------------|-----------------|----------|----------|----------|----------|
| 274 | 641934.56 | 4290306.75 | 641934.56, 429C | 7.55883  | 7.55779  | 7.55883  | 9.38371  |
| 275 | 641974.56 | 4290306.75 | 641974.56, 429C | 6.50969  | 6.50869  | 6.50969  | 7.78286  |
| 276 | 642014.56 | 4290306.75 | 642014.56, 429C | 5.49685  | 5.496    | 5.49685  | 6.34577  |
| 277 | 642054.56 | 4290306.75 | 642054.56, 429C | 4.61508  | 4.61438  | 4.61508  | 5.16849  |
| 278 | 642094.56 | 4290306.75 | 642094.56, 429C | 3.88668  | 3.88612  | 3.88668  | 4.243    |
| 279 | 642134.56 | 4290306.75 | 642134.56, 429C | 3.28892  | 3.28847  | 3.28892  | 3.51548  |
| 280 | 642174.56 | 4290306.75 | 642174.56, 429C | 2.80177  | 2.80141  | 2.80177  | 2.94411  |
| 281 | 642214.56 | 4290306.75 | 642214.56, 429C | 2.40479  | 2.4045   | 2.40479  | 2.49312  |
| 282 | 642254.56 | 4290306.75 | 642254.56, 429C | 2.0804   | 2.08016  | 2.0804   | 2.13462  |
| 283 | 642294.56 | 4290306.75 | 642294.56, 429C | 1.81535  | 1.81516  | 1.81535  | 1.84846  |
| 284 | 642334.56 | 4290306.75 | 642334.56, 429C | 1.59711  | 1.59695  | 1.59711  | 1.61742  |
| 285 | 642374.56 | 4290306.75 | 642374.56, 429C | 1.41404  | 1.41391  | 1.41404  | 1.42671  |
| 286 | 642414.56 | 4290306.75 | 642414.56, 429C | 1.2615   | 1.26139  | 1.2615   | 1.26973  |
| 287 | 642454.56 | 4290306.75 | 642454.56, 429C | 1.13426  | 1.13416  | 1.13426  | 1.1399   |
| 288 | 642494.56 | 4290306.75 | 642494.56, 429C | 1.02591  | 1.02583  | 1.02591  | 1.03002  |
| 289 | 642534.56 | 4290306.75 | 642534.56, 429C | 0.93288  | 0.93281  | 0.93288  | 0.93602  |
| 290 | 642574.56 | 4290306.75 | 642574.56, 429C | 0.85209  | 0.85203  | 0.85209  | 0.85454  |
| 291 | 642614.56 | 4290306.75 | 642614.56, 429C | 0.76059  | 0.76054  | 0.76059  | 0.77783  |
| 292 | 641374.56 | 4290346.75 | 641374.56, 429C | 2.48694  | 2.48718  | 2.48694  | 2.52166  |
| 293 | 641414.56 | 4290346.75 | 641414.56, 429C | 2.86305  | 2.86333  | 2.86305  | 2.93638  |
| 294 | 641454.56 | 4290346.75 | 641454.56, 429C | 3.31258  | 3.31291  | 3.31258  | 3.45177  |
| 295 | 641494.56 | 4290346.75 | 641494.56, 429C | 3.84303  | 3.84339  | 3.84303  | 4.08768  |
| 296 | 641534.56 | 4290346.75 | 641534.56, 429C | 4.45452  | 4.45492  | 4.45452  | 4.85733  |
| 297 | 641574.56 | 4290346.75 | 641574.56, 429C | 5.14702  | 5.14744  | 5.14702  | 5.76696  |
| 298 | 641614.56 | 4290346.75 | 641614.56, 429C | 5.92906  | 5.92949  | 5.92906  | 6.82417  |
| 299 | 641654.56 | 4290346.75 | 641654.56, 429C | 6.79285  | 6.79326  | 6.79285  | 8.03825  |
| 300 | 641694.56 | 4290346.75 | 641694.56, 429C | 7.70925  | 7.70963  | 7.70925  | 9.36737  |
| 301 | 641734.56 | 4290346.75 | 641734.56, 429C | 8.74575  | 8.74622  | 8.74575  | 10.75745 |
| 302 | 641774.56 | 4290346.75 | 641774.56, 429C | 10.01809 | 10.01858 | 10.01809 | 12.54691 |
| 303 | 641814.56 | 4290346.75 | 641814.56, 429C | 11.09559 | 11.0955  | 11.09559 | 14.54866 |
| 304 | 641854.56 | 4290346.75 | 641854.56, 429C | 11.16926 | 11.16826 | 11.16926 | 14.93706 |
| 305 | 641894.56 | 4290346.75 | 641894.56, 429C | 10.15497 | 10.15346 | 10.15497 | 13.19741 |
| 306 | 641934.56 | 4290346.75 | 641934.56, 429C | 8.63804  | 8.63654  | 8.63804  | 10.69808 |
| 307 | 641974.56 | 4290346.75 | 641974.56, 429C | 7.1315   | 7.13021  | 7.1315   | 8.43398  |
| 308 | 642014.56 | 4290346.75 | 642014.56, 429C | 5.83421  | 5.83319  | 5.83421  | 6.63307  |
| 309 | 642054.56 | 4290346.75 | 642054.56, 429C | 4.78242  | 4.78163  | 4.78242  | 5.2633   |
| 310 | 642094.56 | 4290346.75 | 642094.56, 429C | 3.95358  | 3.95296  | 3.95358  | 4.23992  |
| 311 | 642134.56 | 4290346.75 | 642134.56, 429C | 3.29718  | 3.2967   | 3.29718  | 3.4661   |
| 312 | 642174.56 | 4290346.75 | 642174.56, 429C | 2.78194  | 2.78157  | 2.78194  | 2.88153  |
| 313 | 642214.56 | 4290346.75 | 642214.56, 429C | 2.37237  | 2.37208  | 2.37237  | 2.43143  |
| 314 | 642254.56 | 4290346.75 | 642254.56, 429C | 2.04529  | 2.04506  | 2.04529  | 2.08101  |
| 315 | 642294.56 | 4290346.75 | 642294.56, 429C | 1.7808   | 1.78061  | 1.7808   | 1.80318  |
| 316 | 642334.56 | 4290346.75 | 642334.56, 429C | 1.56465  | 1.56449  | 1.56465  | 1.57937  |
| 317 | 642374.56 | 4290346.75 | 642374.56, 429C | 1.38567  | 1.38555  | 1.38567  | 1.39591  |
| 318 | 642414.56 | 4290346.75 | 642414.56, 429C | 1.23688  | 1.23677  | 1.23688  | 1.24438  |
| 319 | 642454.56 | 4290346.75 | 642454.56, 429C | 1.11279  | 1.1127   | 1.11279  | 1.11849  |
| 320 | 642494.56 | 4290346.75 | 642494.56, 429C | 1.00744  | 1.00736  | 1.00744  | 1.01185  |
| 321 | 642534.56 | 4290346.75 | 642534.56, 429C | 0.91703  | 0.91697  | 0.91703  | 0.92041  |
| 322 | 642574.56 | 4290346.75 | 642574.56, 429C | 0.83849  | 0.83844  | 0.83849  | 0.84102  |
| 323 | 642614.56 | 4290346.75 | 642614.56, 429C | 0.74052  | 0.74048  | 0.74052  | 0.75743  |
| 324 | 641374.56 | 4290386.75 | 641374.56, 429C | 2.69188  | 2.69217  | 2.69188  | 2.70607  |
| 325 | 641414.56 | 4290386.75 | 641414.56, 429C | 3.14389  | 3.14425  | 3.14389  | 3.18582  |
| 326 | 641454.56 | 4290386.75 | 641454.56, 429C | 3.70633  | 3.70677  | 3.70633  | 3.80582  |
| 327 | 641494.56 | 4290386.75 | 641494.56, 429C | 4.39302  | 4.39354  | 4.39302  | 4.60813  |
| 328 | 641534.56 | 4290386.75 | 641534.56, 429C | 5.23528  | 5.23586  | 5.23528  | 5.65119  |
| 329 | 641574.56 | 4290386.75 | 641574.56, 429C | 6.24926  | 6.24991  | 6.24926  | 6.98551  |
| 330 | 641614.56 | 4290386.75 | 641614.56, 429C | 7.43023  | 7.43092  | 7.43023  | 8.63095  |
| 331 | 641654.56 | 4290386.75 | 641654.56, 429C | 8.77093  | 8.77161  | 8.77093  | 10.60296 |
| 332 | 641694.56 | 4290386.75 | 641694.56, 429C | 10.22739 | 10.22804 | 10.22739 | 12.87854 |
| 333 | 641734.56 | 4290386.75 | 641734.56, 429C | 11.90632 | 11.90712 | 11.90632 | 15.344   |
| 334 | 641774.56 | 4290386.75 | 641774.56, 429C | 13.94789 | 13.94852 | 13.94789 | 18.59391 |
| 335 | 641814.56 | 4290386.75 | 641814.56, 429C | 15.1877  | 15.18691 | 15.1877  | 21.34621 |
| 336 | 641854.56 | 4290386.75 | 641854.56, 429C | 14.34365 | 14.34148 | 14.34365 | 19.90721 |
| 337 | 641894.56 | 4290386.75 | 641894.56, 429C | 12.0861  | 12.08365 | 12.0861  | 15.76425 |
| 338 | 641934.56 | 4290386.75 | 641934.56, 429C | 9.6599   | 9.65784  | 9.6599   | 11.81022 |
| 339 | 641974.56 | 4290386.75 | 641974.56, 429C | 7.62302  | 7.62145  | 7.62302  | 8.83262  |
| 340 | 642014.56 | 4290386.75 | 642014.56, 429C | 6.04912  | 6.04796  | 6.04912  | 6.71828  |
| 341 | 642054.56 | 4290386.75 | 642054.56, 429C | 4.854    | 4.85314  | 4.854    | 5.22119  |
| 342 | 642094.56 | 4290386.75 | 642094.56, 429C | 3.94979  | 3.94915  | 3.94979  | 4.15227  |
| 343 | 642134.56 | 4290386.75 | 642134.56, 429C | 3.25882  | 3.25834  | 3.25882  | 3.37254  |
| 344 | 642174.56 | 4290386.75 | 642174.56, 429C | 2.73295  | 2.73258  | 2.73295  | 2.79945  |

|          |          |          |          |          |
|----------|----------|----------|----------|----------|
| 2.11E-06 | 3.38E-07 | 6.33E-06 | 1.42E-07 | 8.92E-06 |
| 1.82E-06 | 2.91E-07 | 5.45E-06 | 1.18E-07 | 7.68E-06 |
| 1.53E-06 | 2.45E-07 | 4.60E-06 | 9.62E-08 | 6.48E-06 |
| 1.29E-06 | 2.06E-07 | 3.86E-06 | 7.84E-08 | 5.44E-06 |
| 1.08E-06 | 1.74E-07 | 3.25E-06 | 6.43E-08 | 4.58E-06 |
| 9.18E-07 | 1.47E-07 | 2.75E-06 | 5.33E-08 | 3.87E-06 |
| 7.82E-07 | 1.25E-07 | 2.35E-06 | 4.46E-08 | 3.30E-06 |
| 6.71E-07 | 1.07E-07 | 2.01E-06 | 3.78E-08 | 2.83E-06 |
| 5.81E-07 | 9.29E-08 | 1.74E-06 | 3.24E-08 | 2.45E-06 |
| 5.07E-07 | 8.11E-08 | 1.52E-06 | 2.80E-08 | 2.14E-06 |
| 4.46E-07 | 7.13E-08 | 1.34E-06 | 2.45E-08 | 1.88E-06 |
| 3.95E-07 | 6.31E-08 | 1.18E-06 | 2.16E-08 | 1.66E-06 |
| 3.52E-07 | 5.63E-08 | 1.06E-06 | 1.93E-08 | 1.48E-06 |
| 3.17E-07 | 5.07E-08 | 9.50E-07 | 1.73E-08 | 1.33E-06 |
| 2.86E-07 | 4.58E-08 | 8.59E-07 | 1.56E-08 | 1.21E-06 |
| 2.60E-07 | 4.17E-08 | 7.81E-07 | 1.42E-08 | 1.10E-06 |
| 2.38E-07 | 3.81E-08 | 7.14E-07 | 1.30E-08 | 1.00E-06 |
| 2.12E-07 | 3.40E-08 | 6.37E-07 | 1.18E-08 | 8.95E-07 |
| 6.94E-07 | 1.11E-07 | 2.08E-06 | 3.82E-08 | 2.93E-06 |
| 7.99E-07 | 1.28E-07 | 2.40E-06 | 4.45E-08 | 3.37E-06 |
| 9.25E-07 | 1.48E-07 | 2.77E-06 | 5.23E-08 | 3.90E-06 |
| 1.07E-06 | 1.72E-07 | 3.22E-06 | 6.20E-08 | 4.52E-06 |
| 1.24E-06 | 1.99E-07 | 3.73E-06 | 7.36E-08 | 5.25E-06 |
| 1.44E-06 | 2.30E-07 | 4.31E-06 | 8.74E-08 | 6.06E-06 |
| 1.66E-06 | 2.65E-07 | 4.97E-06 | 1.03E-07 | 6.99E-06 |
| 1.90E-06 | 3.03E-07 | 5.69E-06 | 1.22E-07 | 8.01E-06 |
| 2.15E-06 | 3.44E-07 | 6.46E-06 | 1.42E-07 | 9.09E-06 |
| 2.44E-06 | 3.91E-07 | 7.32E-06 | 1.63E-07 | 1.03E-05 |
| 2.80E-06 | 4.47E-07 | 8.39E-06 | 1.90E-07 | 1.18E-05 |
| 3.10E-06 | 4.96E-07 | 9.29E-06 | 2.21E-07 | 1.31E-05 |
| 3.12E-06 | 4.99E-07 | 9.35E-06 | 2.26E-07 | 1.32E-05 |
| 2.83E-06 | 4.53E-07 | 8.50E-06 | 2.00E-07 | 1.20E-05 |
| 2.41E-06 | 3.86E-07 | 7.23E-06 | 1.62E-07 | 1.02E-05 |
| 1.99E-06 | 3.18E-07 | 5.97E-06 | 1.28E-07 | 8.41E-06 |
| 1.63E-06 | 2.61E-07 | 4.89E-06 | 1.01E-07 | 6.88E-06 |
| 1.33E-06 | 2.14E-07 | 4.00E-06 | 7.98E-08 | 5.63E-06 |
| 1.10E-06 | 1.77E-07 | 3.31E-06 | 6.43E-08 | 4.66E-06 |
| 9.20E-07 | 1.47E-07 | 2.76E-06 | 5.26E-08 | 3.88E-06 |
| 7.77E-07 | 1.24E-07 | 2.33E-06 | 4.37E-08 | 3.27E-06 |
| 6.62E-07 | 1.06E-07 | 1.99E-06 | 3.69E-08 | 2.79E-06 |
| 5.71E-07 | 9.13E-08 | 1.71E-06 | 3.16E-08 | 2.41E-06 |
| 4.97E-07 | 7.95E-08 | 1.49E-06 | 2.73E-08 | 2.10E-06 |
| 4.37E-07 | 6.99E-08 | 1.31E-06 | 2.39E-08 | 1.84E-06 |
| 3.87E-07 | 6.19E-08 | 1.16E-06 | 2.12E-08 | 1.63E-06 |
| 3.45E-07 | 5.52E-08 | 1.04E-06 | 1.89E-08 | 1.46E-06 |
| 3.11E-07 | 4.97E-08 | 9.32E-07 | 1.70E-08 | 1.31E-06 |
| 2.81E-07 | 4.50E-08 | 8.44E-07 | 1.53E-08 | 1.19E-06 |
| 2.56E-07 | 4.10E-08 | 7.68E-07 | 1.40E-08 | 1.08E-06 |
| 2.34E-07 | 3.74E-08 | 7.02E-07 | 1.28E-08 | 9.86E-07 |
| 2.07E-07 | 3.31E-08 | 6.20E-07 | 1.15E-08 | 8.71E-07 |
| 7.51E-07 | 1.20E-07 | 2.25E-06 | 4.10E-08 | 3.17E-06 |
| 8.78E-07 | 1.40E-07 | 2.63E-06 | 4.83E-08 | 3.70E-06 |
| 1.03E-06 | 1.66E-07 | 3.10E-06 | 5.77E-08 | 4.36E-06 |
| 1.23E-06 | 1.96E-07 | 3.68E-06 | 6.99E-08 | 5.17E-06 |
| 1.46E-06 | 2.34E-07 | 4.38E-06 | 8.57E-08 | 6.17E-06 |
| 1.74E-06 | 2.79E-07 | 5.23E-06 | 1.06E-07 | 7.36E-06 |
| 2.07E-06 | 3.32E-07 | 6.22E-06 | 1.31E-07 | 8.76E-06 |
| 2.45E-06 | 3.92E-07 | 7.35E-06 | 1.61E-07 | 1.03E-05 |
| 2.85E-06 | 4.57E-07 | 8.56E-06 | 1.95E-07 | 1.21E-05 |
| 3.32E-06 | 5.32E-07 | 9.97E-06 | 2.33E-07 | 1.41E-05 |
| 3.89E-06 | 6.23E-07 | 1.17E-05 | 2.82E-07 | 1.65E-05 |
| 4.24E-06 | 6.78E-07 | 1.27E-05 | 3.24E-07 | 1.80E-05 |
| 4.00E-06 | 6.41E-07 | 1.20E-05 | 3.02E-07 | 1.70E-05 |
| 3.37E-06 | 5.40E-07 | 1.01E-05 | 2.39E-07 | 1.43E-05 |
| 2.70E-06 | 4.31E-07 | 8.09E-06 | 1.79E-07 | 1.14E-05 |
| 2.13E-06 | 3.40E-07 | 6.38E-06 | 1.34E-07 | 8.99E-06 |
| 1.69E-06 | 2.70E-07 | 5.07E-06 | 1.02E-07 | 7.13E-06 |
| 1.35E-06 | 2.17E-07 | 4.06E-06 | 7.92E-08 | 5.72E-06 |
| 1.10E-06 | 1.76E-07 | 3.31E-06 | 6.30E-08 | 4.65E-06 |
| 9.10E-07 | 1.46E-07 | 2.73E-06 | 5.11E-08 | 3.84E-06 |
| 7.63E-07 | 1.22E-07 | 2.29E-06 | 4.24E-08 | 3.22E-06 |



|     |           |            |                 |          |          |          |          |
|-----|-----------|------------|-----------------|----------|----------|----------|----------|
| 345 | 642214.56 | 4290386.75 | 642214.56, 429C | 2.32321  | 2.32292  | 2.32321  | 2.36416  |
| 346 | 642254.56 | 4290386.75 | 642254.56, 429C | 2.00007  | 1.99984  | 2.00007  | 2.02687  |
| 347 | 642294.56 | 4290386.75 | 642294.56, 429C | 1.74086  | 1.74067  | 1.74086  | 1.75947  |
| 348 | 642334.56 | 4290386.75 | 642334.56, 429C | 1.52985  | 1.5297   | 1.52985  | 1.5434   |
| 349 | 642374.56 | 4290386.75 | 642374.56, 429C | 1.35647  | 1.35635  | 1.35647  | 1.36662  |
| 350 | 642414.56 | 4290386.75 | 642414.56, 429C | 1.21195  | 1.21185  | 1.21195  | 1.21963  |
| 351 | 642454.56 | 4290386.75 | 642454.56, 429C | 1.09192  | 1.09183  | 1.09192  | 1.09772  |
| 352 | 642494.56 | 4290386.75 | 642494.56, 429C | 0.9898   | 0.98973  | 0.9898   | 0.9941   |
| 353 | 642534.56 | 4290386.75 | 642534.56, 429C | 0.90207  | 0.902    | 0.90207  | 0.90513  |
| 354 | 642574.56 | 4290386.75 | 642574.56, 429C | 0.82573  | 0.82567  | 0.82573  | 0.82776  |
| 355 | 642614.56 | 4290386.75 | 642614.56, 429C | 0.75928  | 0.75923  | 0.75928  | 0.76046  |
| 356 | 641374.56 | 4290426.75 | 641374.56, 429C | 2.89884  | 2.89919  | 2.89884  | 2.89903  |
| 357 | 641414.56 | 4290426.75 | 641414.56, 429C | 3.43379  | 3.43423  | 3.43379  | 3.44669  |
| 358 | 641454.56 | 4290426.75 | 641454.56, 429C | 4.11935  | 4.11991  | 4.11935  | 4.17059  |
| 359 | 641494.56 | 4290426.75 | 641494.56, 429C | 5.00156  | 5.00228  | 5.00156  | 5.1489   |
| 360 | 641534.56 | 4290426.75 | 641534.56, 429C | 6.18008  | 6.18096  | 6.18008  | 6.52864  |
| 361 | 641574.56 | 4290426.75 | 641574.56, 429C | 7.68415  | 7.6852   | 7.68415  | 8.45545  |
| 362 | 641614.56 | 4290426.75 | 641614.56, 429C | 9.53487  | 9.53606  | 9.53487  | 11.09154 |
| 363 | 641654.56 | 4290426.75 | 641654.56, 429C | 11.7479  | 11.74913 | 11.7479  | 14.55359 |
| 364 | 641694.56 | 4290426.75 | 641694.56, 429C | 14.26299 | 14.26418 | 14.26299 | 18.85515 |
| 365 | 641734.56 | 4290426.75 | 641734.56, 429C | 17.2915  | 17.29298 | 17.2915  | 23.94044 |
| 366 | 641774.56 | 4290426.75 | 641774.56, 429C | 20.76454 | 20.76508 | 20.76454 | 30.57199 |
| 367 | 641814.56 | 4290426.75 | 641814.56, 429C | 21.4823  | 21.47946 | 21.4823  | 32.81344 |
| 368 | 641854.56 | 4290426.75 | 641854.56, 429C | 18.28989 | 18.28559 | 18.28989 | 25.94384 |
| 369 | 641894.56 | 4290426.75 | 641894.56, 429C | 14.03392 | 14.03026 | 14.03392 | 18.0529  |
| 370 | 641934.56 | 4290426.75 | 641934.56, 429C | 10.48741 | 10.48479 | 10.48741 | 12.46423 |
| 371 | 641974.56 | 4290426.75 | 641974.56, 429C | 7.91625  | 7.91444  | 7.91625  | 8.87965  |
| 372 | 642014.56 | 4290426.75 | 642014.56, 429C | 6.10536  | 6.1041   | 6.10536  | 6.58322  |
| 373 | 642054.56 | 4290426.75 | 642054.56, 429C | 4.81532  | 4.81443  | 4.81532  | 5.06213  |
| 374 | 642094.56 | 4290426.75 | 642094.56, 429C | 3.87906  | 3.87842  | 3.87906  | 4.01461  |
| 375 | 642134.56 | 4290426.75 | 642134.56, 429C | 3.18608  | 3.18561  | 3.18608  | 3.26627  |
| 376 | 642174.56 | 4290426.75 | 642174.56, 429C | 2.66549  | 2.66513  | 2.66549  | 2.71683  |
| 377 | 642214.56 | 4290426.75 | 642214.56, 429C | 2.26461  | 2.26433  | 2.26461  | 2.29967  |
| 378 | 642254.56 | 4290426.75 | 642254.56, 429C | 1.95004  | 1.94982  | 1.95004  | 1.97511  |
| 379 | 642294.56 | 4290426.75 | 642294.56, 429C | 1.69985  | 1.69967  | 1.69985  | 1.71829  |
| 380 | 642334.56 | 4290426.75 | 642334.56, 429C | 1.49639  | 1.49625  | 1.49639  | 1.51013  |
| 381 | 642374.56 | 4290426.75 | 642374.56, 429C | 1.32899  | 1.32887  | 1.32899  | 1.33921  |
| 382 | 642414.56 | 4290426.75 | 642414.56, 429C | 1.18926  | 1.18916  | 1.18926  | 1.19676  |
| 383 | 642454.56 | 4290426.75 | 642454.56, 429C | 1.07245  | 1.07237  | 1.07245  | 1.07785  |
| 384 | 642494.56 | 4290426.75 | 642494.56, 429C | 0.97335  | 0.97328  | 0.97335  | 0.97713  |
| 385 | 642534.56 | 4290426.75 | 642534.56, 429C | 0.88827  | 0.8882   | 0.88827  | 0.89077  |
| 386 | 642574.56 | 4290426.75 | 642574.56, 429C | 0.81392  | 0.81387  | 0.81392  | 0.81541  |
| 387 | 642614.56 | 4290426.75 | 642614.56, 429C | 0.74947  | 0.74942  | 0.74947  | 0.75018  |
| 388 | 641374.56 | 4290466.75 | 641374.56, 429C | 3.10877  | 3.10917  | 3.10877  | 3.0925   |
| 389 | 641414.56 | 4290466.75 | 641414.56, 429C | 3.72191  | 3.72243  | 3.72191  | 3.71177  |
| 390 | 641454.56 | 4290466.75 | 641454.56, 429C | 4.53974  | 4.54044  | 4.53974  | 4.54804  |
| 391 | 641494.56 | 4290466.75 | 641494.56, 429C | 5.65432  | 5.65527  | 5.65432  | 5.71677  |
| 392 | 641534.56 | 4290466.75 | 641534.56, 429C | 7.24359  | 7.2449   | 7.24359  | 7.44657  |
| 393 | 641574.56 | 4290466.75 | 641574.56, 429C | 9.46455  | 9.46631  | 9.46455  | 10.08507 |
| 394 | 641614.56 | 4290466.75 | 641614.56, 429C | 12.50308 | 12.50528 | 12.50308 | 14.24858 |
| 395 | 641654.56 | 4290466.75 | 641654.56, 429C | 16.42592 | 16.4284  | 16.42592 | 20.67964 |
| 396 | 641694.56 | 4290466.75 | 641694.56, 429C | 21.35113 | 21.35366 | 21.35113 | 30.22899 |
| 397 | 641734.56 | 4290466.75 | 641734.56, 429C | 27.5822  | 27.58532 | 27.5822  | 43.1256  |
| 398 | 641774.56 | 4290466.75 | 641774.56, 429C | 33.84489 | 33.84353 | 33.84489 | 58.83973 |
| 399 | 641814.56 | 4290466.75 | 641814.56, 429C | 30.98205 | 30.97376 | 30.98205 | 51.21839 |
| 400 | 641854.56 | 4290466.75 | 641854.56, 429C | 22.59323 | 22.58567 | 22.59323 | 31.69113 |
| 401 | 641894.56 | 4290466.75 | 641894.56, 429C | 15.58431 | 15.57937 | 15.58431 | 19.21263 |
| 402 | 641934.56 | 4290466.75 | 641934.56, 429C | 10.91341 | 10.91036 | 10.91341 | 12.38232 |
| 403 | 641974.56 | 4290466.75 | 641974.56, 429C | 7.93983  | 7.9379   | 7.93983  | 8.58402  |
| 404 | 642014.56 | 4290466.75 | 642014.56, 429C | 5.99857  | 5.9973   | 5.99857  | 6.31457  |
| 405 | 642054.56 | 4290466.75 | 642054.56, 429C | 4.68776  | 4.68689  | 4.68776  | 4.86286  |
| 406 | 642094.56 | 4290466.75 | 642094.56, 429C | 3.76592  | 3.76529  | 3.76592  | 3.87364  |
| 407 | 642134.56 | 4290466.75 | 642134.56, 429C | 3.09364  | 3.09318  | 3.09364  | 3.16499  |
| 408 | 642174.56 | 4290466.75 | 642174.56, 429C | 2.59045  | 2.5901   | 2.59045  | 2.64011  |
| 409 | 642214.56 | 4290466.75 | 642214.56, 429C | 2.20434  | 2.20407  | 2.20434  | 2.23995  |
| 410 | 642254.56 | 4290466.75 | 642254.56, 429C | 1.90186  | 1.90165  | 1.90186  | 1.9278   |
| 411 | 642294.56 | 4290466.75 | 642294.56, 429C | 1.66198  | 1.66181  | 1.66198  | 1.68112  |
| 412 | 642334.56 | 4290466.75 | 642334.56, 429C | 1.46642  | 1.46628  | 1.46642  | 1.48055  |
| 413 | 642374.56 | 4290466.75 | 642374.56, 429C | 1.30467  | 1.30455  | 1.30467  | 1.31506  |
| 414 | 642414.56 | 4290466.75 | 642414.56, 429C | 1.16936  | 1.16926  | 1.16936  | 1.17691  |
| 415 | 642454.56 | 4290466.75 | 642454.56, 429C | 1.05508  | 1.05499  | 1.05508  | 1.0605   |

|          |          |          |          |          |
|----------|----------|----------|----------|----------|
| 6.49E-07 | 1.04E-07 | 1.95E-06 | 3.58E-08 | 2.73E-06 |
| 5.58E-07 | 8.93E-08 | 1.67E-06 | 3.07E-08 | 2.35E-06 |
| 4.86E-07 | 7.77E-08 | 1.46E-06 | 2.67E-08 | 2.05E-06 |
| 4.27E-07 | 6.83E-08 | 1.28E-06 | 2.34E-08 | 1.80E-06 |
| 3.79E-07 | 6.06E-08 | 1.14E-06 | 2.07E-08 | 1.60E-06 |
| 3.38E-07 | 5.41E-08 | 1.01E-06 | 1.85E-08 | 1.43E-06 |
| 3.05E-07 | 4.88E-08 | 9.14E-07 | 1.66E-08 | 1.28E-06 |
| 2.76E-07 | 4.42E-08 | 8.29E-07 | 1.51E-08 | 1.16E-06 |
| 2.52E-07 | 4.03E-08 | 7.55E-07 | 1.37E-08 | 1.06E-06 |
| 2.30E-07 | 3.69E-08 | 6.91E-07 | 1.25E-08 | 9.71E-07 |
| 2.12E-07 | 3.39E-08 | 6.36E-07 | 1.15E-08 | 8.93E-07 |
| 8.09E-07 | 1.29E-07 | 2.43E-06 | 4.40E-08 | 3.41E-06 |
| 9.59E-07 | 1.53E-07 | 2.88E-06 | 5.23E-08 | 4.04E-06 |
| 1.15E-06 | 1.84E-07 | 3.45E-06 | 6.32E-08 | 4.85E-06 |
| 1.40E-06 | 2.23E-07 | 4.19E-06 | 7.81E-08 | 5.89E-06 |
| 1.73E-06 | 2.76E-07 | 5.18E-06 | 9.90E-08 | 7.28E-06 |
| 2.14E-06 | 3.43E-07 | 6.43E-06 | 1.28E-07 | 9.05E-06 |
| 2.66E-06 | 4.26E-07 | 7.98E-06 | 1.68E-07 | 1.12E-05 |
| 3.28E-06 | 5.25E-07 | 9.84E-06 | 2.21E-07 | 1.39E-05 |
| 3.98E-06 | 6.37E-07 | 1.19E-05 | 2.86E-07 | 1.68E-05 |
| 4.83E-06 | 7.72E-07 | 1.45E-05 | 3.63E-07 | 2.04E-05 |
| 5.80E-06 | 9.27E-07 | 1.74E-05 | 4.64E-07 | 2.46E-05 |
| 6.00E-06 | 9.59E-07 | 1.80E-05 | 4.97E-07 | 2.54E-05 |
| 5.11E-06 | 8.17E-07 | 1.53E-05 | 3.93E-07 | 2.16E-05 |
| 3.92E-06 | 6.27E-07 | 1.18E-05 | 2.74E-07 | 1.66E-05 |
| 2.93E-06 | 4.68E-07 | 8.78E-06 | 1.89E-07 | 1.24E-05 |
| 2.21E-06 | 3.53E-07 | 6.63E-06 | 1.35E-07 | 9.33E-06 |
| 1.70E-06 | 2.73E-07 | 5.11E-06 | 9.98E-08 | 7.19E-06 |
| 1.34E-06 | 2.15E-07 | 4.03E-06 | 7.67E-08 | 5.67E-06 |
| 1.08E-06 | 1.73E-07 | 3.25E-06 | 6.09E-08 | 4.57E-06 |
| 8.89E-07 | 1.42E-07 | 2.67E-06 | 4.95E-08 | 3.75E-06 |
| 7.44E-07 | 1.19E-07 | 2.23E-06 | 4.12E-08 | 3.14E-06 |
| 6.32E-07 | 1.01E-07 | 1.90E-06 | 3.49E-08 | 2.66E-06 |
| 5.44E-07 | 8.71E-08 | 1.63E-06 | 2.99E-08 | 2.29E-06 |
| 4.75E-07 | 7.59E-08 | 1.42E-06 | 2.61E-08 | 2.00E-06 |
| 4.18E-07 | 6.68E-08 | 1.25E-06 | 2.29E-08 | 1.76E-06 |
| 3.71E-07 | 5.94E-08 | 1.11E-06 | 2.03E-08 | 1.56E-06 |
| 3.32E-07 | 5.31E-08 | 9.96E-07 | 1.81E-08 | 1.40E-06 |
| 2.99E-07 | 4.79E-08 | 8.98E-07 | 1.63E-08 | 1.26E-06 |
| 2.72E-07 | 4.35E-08 | 8.15E-07 | 1.48E-08 | 1.15E-06 |
| 2.48E-07 | 3.97E-08 | 7.44E-07 | 1.35E-08 | 1.05E-06 |
| 2.27E-07 | 3.64E-08 | 6.82E-07 | 1.24E-08 | 9.58E-07 |
| 2.09E-07 | 3.35E-08 | 6.28E-07 | 1.14E-08 | 8.82E-07 |
| 8.68E-07 | 1.39E-07 | 2.60E-06 | 4.69E-08 | 3.66E-06 |
| 1.04E-06 | 1.66E-07 | 3.12E-06 | 5.63E-08 | 4.38E-06 |
| 1.27E-06 | 2.03E-07 | 3.80E-06 | 6.90E-08 | 5.34E-06 |
| 1.58E-06 | 2.53E-07 | 4.74E-06 | 8.67E-08 | 6.65E-06 |
| 2.02E-06 | 3.24E-07 | 6.07E-06 | 1.13E-07 | 8.52E-06 |
| 2.64E-06 | 4.23E-07 | 7.93E-06 | 1.53E-07 | 1.11E-05 |
| 3.49E-06 | 5.59E-07 | 1.05E-05 | 2.16E-07 | 1.47E-05 |
| 4.59E-06 | 7.34E-07 | 1.38E-05 | 3.14E-07 | 1.94E-05 |
| 5.96E-06 | 9.54E-07 | 1.79E-05 | 4.58E-07 | 2.53E-05 |
| 7.70E-06 | 1.23E-06 | 2.31E-05 | 6.54E-07 | 3.27E-05 |
| 9.45E-06 | 1.51E-06 | 2.83E-05 | 8.92E-07 | 4.02E-05 |
| 8.65E-06 | 1.38E-06 | 2.59E-05 | 7.77E-07 | 3.68E-05 |
| 6.31E-06 | 1.01E-06 | 1.89E-05 | 4.80E-07 | 2.67E-05 |
| 4.35E-06 | 6.96E-07 | 1.31E-05 | 2.91E-07 | 1.84E-05 |
| 3.05E-06 | 4.87E-07 | 9.14E-06 | 1.88E-07 | 1.29E-05 |
| 2.22E-06 | 3.55E-07 | 6.65E-06 | 1.30E-07 | 9.35E-06 |
| 1.67E-06 | 2.68E-07 | 5.02E-06 | 9.57E-08 | 7.06E-06 |
| 1.31E-06 | 2.09E-07 | 3.93E-06 | 7.37E-08 | 5.52E-06 |
| 1.05E-06 | 1.68E-07 | 3.15E-06 | 5.87E-08 | 4.43E-06 |
| 8.64E-07 | 1.38E-07 | 2.59E-06 | 4.80E-08 | 3.64E-06 |
| 7.23E-07 | 1.16E-07 | 2.17E-06 | 4.00E-08 | 3.05E-06 |
| 6.15E-07 | 9.84E-08 | 1.85E-06 | 3.40E-08 | 2.59E-06 |
| 5.31E-07 | 8.49E-08 | 1.59E-06 | 2.92E-08 | 2.24E-   |

|     |           |            |                 |          |          |          |          |          |          |          |          |          |
|-----|-----------|------------|-----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 416 | 642494.56 | 4290466.75 | 642494.56, 429C | 0.95842  | 0.95835  | 0.95842  | 0.96225  | 2.68E-07 | 4.28E-08 | 8.03E-07 | 1.46E-08 | 1.13E-06 |
| 417 | 642534.56 | 4290466.75 | 642534.56, 429C | 0.87562  | 0.87556  | 0.87562  | 0.87824  | 2.44E-07 | 3.91E-08 | 7.33E-07 | 1.33E-08 | 1.03E-06 |
| 418 | 642574.56 | 4290466.75 | 642574.56, 429C | 0.80349  | 0.80343  | 0.80349  | 0.80519  | 2.24E-07 | 3.59E-08 | 6.73E-07 | 1.22E-08 | 9.45E-07 |
| 419 | 642614.56 | 4290466.75 | 642614.56, 429C | 0.74082  | 0.74078  | 0.74082  | 0.74183  | 2.07E-07 | 3.31E-08 | 6.20E-07 | 1.12E-08 | 8.72E-07 |
| 420 | 641920.09 | 4290522.63 | 641920.09, 429C | 12.22264 | 12.21875 | 12.22264 | 13.3804  | 3.41E-06 | 5.46E-07 | 1.02E-05 | 2.03E-07 | 1.44E-05 |
| 421 | 641960.09 | 4290522.63 | 641960.09, 429C | 8.51149  | 8.50926  | 8.51149  | 9.07679  | 2.38E-06 | 3.80E-07 | 7.13E-06 | 1.38E-07 | 1.00E-05 |
| 422 | 642000.09 | 4290522.63 | 642000.09, 429C | 6.28649  | 6.28509  | 6.28649  | 6.60877  | 1.75E-06 | 2.81E-07 | 5.26E-06 | 1.00E-07 | 7.40E-06 |
| 423 | 642040.09 | 4290522.63 | 642040.09, 429C | 4.85395  | 4.85302  | 4.85395  | 5.05609  | 1.35E-06 | 2.17E-07 | 4.06E-06 | 7.67E-08 | 5.71E-06 |
| 424 | 642080.09 | 4290522.63 | 642080.09, 429C | 3.8748   | 3.87415  | 3.8748   | 4.00938  | 1.08E-06 | 1.73E-07 | 3.24E-06 | 6.08E-08 | 4.56E-06 |
| 425 | 642120.09 | 4290522.63 | 642120.09, 429C | 3.17163  | 3.17115  | 3.17163  | 3.2645   | 8.85E-07 | 1.42E-07 | 2.66E-06 | 4.95E-08 | 3.73E-06 |
| 426 | 642160.09 | 4290522.63 | 642160.09, 429C | 2.65042  | 2.65006  | 2.65042  | 2.7163   | 7.40E-07 | 1.18E-07 | 2.22E-06 | 4.12E-08 | 3.12E-06 |
| 427 | 642200.09 | 4290522.63 | 642200.09, 429C | 2.25332  | 2.25304  | 2.25332  | 2.30114  | 6.29E-07 | 1.01E-07 | 1.89E-06 | 3.49E-08 | 2.65E-06 |
| 428 | 642240.09 | 4290522.63 | 642240.09, 429C | 1.94287  | 1.94265  | 1.94287  | 1.97819  | 5.42E-07 | 8.68E-08 | 1.63E-06 | 3.00E-08 | 2.29E-06 |
| 429 | 642280.09 | 4290522.63 | 642280.09, 429C | 1.69554  | 1.69536  | 1.69554  | 1.72202  | 4.73E-07 | 7.57E-08 | 1.42E-06 | 2.61E-08 | 2.00E-06 |
| 430 | 642320.09 | 4290522.63 | 642320.09, 429C | 1.4949   | 1.49475  | 1.4949   | 1.51501  | 4.17E-07 | 6.68E-08 | 1.25E-06 | 2.30E-08 | 1.76E-06 |
| 431 | 642360.09 | 4290522.63 | 642360.09, 429C | 1.32931  | 1.32919  | 1.32931  | 1.34473  | 3.71E-07 | 5.94E-08 | 1.11E-06 | 2.04E-08 | 1.56E-06 |
| 432 | 642400.09 | 4290522.63 | 642400.09, 429C | 1.19107  | 1.19097  | 1.19107  | 1.20299  | 3.32E-07 | 5.32E-08 | 9.97E-07 | 1.82E-08 | 1.40E-06 |
| 433 | 642440.09 | 4290522.63 | 642440.09, 429C | 1.07425  | 1.07417  | 1.07425  | 1.08352  | 3.00E-07 | 4.80E-08 | 9.00E-07 | 1.64E-08 | 1.26E-06 |
| 434 | 642480.09 | 4290522.63 | 642480.09, 429C | 0.97521  | 0.97514  | 0.97521  | 0.98247  | 2.72E-07 | 4.36E-08 | 8.17E-07 | 1.49E-08 | 1.15E-06 |
| 435 | 642520.09 | 4290522.63 | 642520.09, 429C | 0.89012  | 0.89005  | 0.89012  | 0.89583  | 2.48E-07 | 3.98E-08 | 7.45E-07 | 1.36E-08 | 1.05E-06 |
| 436 | 642560.09 | 4290522.63 | 642560.09, 429C | 0.81644  | 0.81639  | 0.81644  | 0.82095  | 2.28E-07 | 3.65E-08 | 6.84E-07 | 1.24E-08 | 9.61E-07 |
| 437 | 642600.09 | 4290522.63 | 642600.09, 429C | 0.75216  | 0.75211  | 0.75216  | 0.75572  | 2.10E-07 | 3.36E-08 | 6.30E-07 | 1.15E-08 | 8.85E-07 |
| 438 | 641920.09 | 4290562.63 | 641920.09, 429C | 11.63819 | 11.63454 | 11.63819 | 12.83358 | 3.25E-06 | 5.20E-07 | 9.75E-06 | 1.95E-07 | 1.37E-05 |
| 439 | 641960.09 | 4290562.63 | 641960.09, 429C | 8.14972  | 8.14762  | 8.14972  | 8.79413  | 2.27E-06 | 3.64E-07 | 6.82E-06 | 1.33E-07 | 9.60E-06 |
| 440 | 642000.09 | 4290562.63 | 642000.09, 429C | 6.05914  | 6.05782  | 6.05914  | 6.44384  | 1.69E-06 | 2.71E-07 | 5.07E-06 | 9.77E-08 | 7.13E-06 |
| 441 | 642040.09 | 4290562.63 | 642040.09, 429C | 4.70311  | 4.70222  | 4.70311  | 4.94941  | 1.31E-06 | 2.10E-07 | 3.94E-06 | 7.50E-08 | 5.54E-06 |
| 442 | 642080.09 | 4290562.63 | 642080.09, 429C | 3.76965  | 3.76902  | 3.76965  | 3.93547  | 1.05E-06 | 1.68E-07 | 3.16E-06 | 5.97E-08 | 4.44E-06 |
| 443 | 642120.09 | 4290562.63 | 642120.09, 429C | 3.09804  | 3.09758  | 3.09804  | 3.21401  | 8.65E-07 | 1.38E-07 | 2.59E-06 | 4.87E-08 | 3.65E-06 |
| 444 | 642160.09 | 4290562.63 | 642160.09, 429C | 2.59683  | 2.59648  | 2.59683  | 2.68032  | 7.25E-07 | 1.16E-07 | 2.17E-06 | 4.06E-08 | 3.06E-06 |
| 445 | 642200.09 | 4290562.63 | 642200.09, 429C | 2.21467  | 2.21439  | 2.21467  | 2.27644  | 6.18E-07 | 9.89E-08 | 1.85E-06 | 3.45E-08 | 2.61E-06 |
| 446 | 642240.09 | 4290562.63 | 642240.09, 429C | 1.91365  | 1.91344  | 1.91365  | 1.96022  | 5.34E-07 | 8.55E-08 | 1.60E-06 | 2.97E-08 | 2.25E-06 |
| 447 | 642280.09 | 4290562.63 | 642280.09, 429C | 1.67272  | 1.67255  | 1.67272  | 1.70843  | 4.67E-07 | 7.47E-08 | 1.40E-06 | 2.59E-08 | 1.97E-06 |
| 448 | 642320.09 | 4290562.63 | 642320.09, 429C | 1.47666  | 1.47652  | 1.47666  | 1.50446  | 4.12E-07 | 6.59E-08 | 1.24E-06 | 2.28E-08 | 1.74E-06 |
| 449 | 642360.09 | 4290562.63 | 642360.09, 429C | 1.31477  | 1.31465  | 1.31477  | 1.3367   | 3.67E-07 | 5.87E-08 | 1.10E-06 | 2.03E-08 | 1.55E-06 |
| 450 | 642400.09 | 4290562.63 | 642400.09, 429C | 1.17942  | 1.17932  | 1.17942  | 1.19691  | 3.29E-07 | 5.27E-08 | 9.88E-07 | 1.81E-08 | 1.39E-06 |
| 451 | 642440.09 | 4290562.63 | 642440.09, 429C | 1.06499  | 1.0649   | 1.06499  | 1.07907  | 2.97E-07 | 4.76E-08 | 8.92E-07 | 1.64E-08 | 1.25E-06 |
| 452 | 642480.09 | 4290562.63 | 642480.09, 429C | 0.9674   | 0.96733  | 0.9674   | 0.97883  | 2.70E-07 | 4.32E-08 | 8.10E-07 | 1.48E-08 | 1.14E-06 |
| 453 | 642520.09 | 4290562.63 | 642520.09, 429C | 0.88339  | 0.88332  | 0.88339  | 0.89273  | 2.47E-07 | 3.95E-08 | 7.40E-07 | 1.35E-08 | 1.04E-06 |
| 454 | 642560.09 | 4290562.63 | 642560.09, 429C | 0.8104   | 0.81034  | 0.8104   | 0.81808  | 2.26E-07 | 3.62E-08 | 6.79E-07 | 1.24E-08 | 9.53E-07 |
| 455 | 642600.09 | 4290562.63 | 642600.09, 429C | 0.74647  | 0.74642  | 0.74647  | 0.75283  | 2.08E-07 | 3.33E-08 | 6.25E-07 | 1.14E-08 | 8.78E-07 |
| 456 | 641920.09 | 4290602.63 | 641920.09, 429C | 11.12075 | 11.11734 | 11.12075 | 12.3343  | 3.10E-06 | 4.97E-07 | 9.31E-06 | 1.87E-07 | 1.31E-05 |
| 457 | 641960.09 | 4290602.63 | 641960.09, 429C | 7.86737  | 7.86539  | 7.86737  | 8.55732  | 2.20E-06 | 3.51E-07 | 6.59E-06 | 1.30E-07 | 9.27E-06 |
| 458 | 642000.09 | 4290602.63 | 642000.09, 429C | 5.88957  | 5.88831  | 5.88957  | 6.31709  | 1.64E-06 | 2.63E-07 | 4.93E-06 | 9.58E-08 | 6.93E-06 |
| 459 | 642040.09 | 4290602.63 | 642040.09, 429C | 4.59303  | 4.59217  | 4.59303  | 4.87478  | 1.28E-06 | 2.05E-07 | 3.85E-06 | 7.39E-08 | 5.41E-06 |
| 460 | 642080.09 | 4290602.63 | 642080.09, 429C | 3.6944   | 3.69379  | 3.6944   | 3.88889  | 1.03E-06 | 1.65E-07 | 3.09E-06 | 5.90E-08 | 4.35E-06 |
| 461 | 642120.09 | 4290602.63 | 642120.09, 429C | 3.04449  | 3.04404  | 3.04449  | 3.18358  | 8.50E-07 | 1.36E-07 | 2.55E-06 | 4.83E-08 | 3.58E-06 |
| 462 | 642160.09 | 4290602.63 | 642160.09, 429C | 2.55798  | 2.55764  | 2.55798  | 2.66033  | 7.14E-07 | 1.14E-07 | 2.14E-06 | 4.03E-08 | 3.01E-06 |
| 463 | 642200.09 | 4290602.63 | 642200.09, 429C | 2.18553  | 2.18526  | 2.18553  | 2.26274  | 6.10E-07 | 9.76E-08 | 1.83E-06 | 3.43E-08 | 2.57E-06 |
| 464 | 642240.09 | 4290602.63 | 642240.09, 429C | 1.89124  | 1.89103  | 1.89124  | 1.95056  | 5.28E-07 | 8.45E-08 | 1.58E-06 | 2.96E-08 | 2.23E-06 |
| 465 | 642280.09 | 4290602.63 | 642280.09, 429C | 1.6551   | 1.65493  | 1.6551   | 1.70144  | 4.62E-07 | 7.39E-08 | 1.39E-06 | 2.58E-08 | 1.95E-06 |
| 466 | 642320.09 | 4290602.63 | 642320.09, 429C | 1.46268  | 1.46254  | 1.46268  | 1.4994   | 4.08E-07 | 6.53E-08 | 1.22E-06 | 2.27E-08 | 1.72E-06 |
| 467 | 642360.09 | 4290602.63 | 642360.09, 429C | 1.30357  | 1.30345  | 1.30357  | 1.33304  | 3.64E-07 | 5.82E-08 | 1.09E-06 | 2.02E-08 | 1.53E-06 |
| 468 | 642400.09 | 4290602.63 | 642400.09, 429C | 1.17035  | 1.17025  | 1.17035  | 1.19426  | 3.27E-07 | 5.23E-08 | 9.80E-07 | 1.81E-08 | 1.38E-06 |
| 469 | 642440.09 | 4290602.63 | 642440.09, 429C | 1.05762  | 1.05753  | 1.05762  | 1.0772   | 2.95E-07 | 4.72E-08 | 8.86E-07 | 1.63E-08 | 1.24E-06 |
| 470 | 642480.09 | 4290602.63 | 642480.09, 429C | 0.96127  | 0.9612   | 0.96127  | 0.97745  | 2.68E-07 | 4.29E-08 | 8.05E-07 | 1.48E-08 | 1.13E-06 |
| 471 | 642520.09 | 4290602.63 | 642520.09, 429C | 0.87823  | 0.87816  | 0.87823  | 0.89168  | 2.45E-07 | 3.92E-08 | 7.35E-07 | 1.35E-08 | 1.03E-06 |
| 472 | 642560.09 | 4290602.63 | 642560.09, 429C | 0.80603  | 0.80598  | 0.80603  | 0.8173   | 2.25E-07 | 3.60E-08 | 6.75E-07 | 1.24E-08 | 9.48E-07 |
| 473 | 642600.09 | 4290602.63 | 642600.09, 429C | 0.74239  | 0.74234  | 0.74239  | 0.75186  | 2.07E-07 | 3.32E-08 | 6.22E-07 | 1.14E-08 | 8.73E-07 |
| 474 | 641920.09 | 4290642.63 | 641920.09, 429C | 10.62964 | 10.62653 | 10.62964 | 11.35148 | 2.97E-06 | 4.75E-07 | 8.90E-06 | 1.72E-07 | 1.25E-05 |
| 475 | 641960.09 | 4290642.63 | 641960.09, 429C | 7.59889  | 7.59704  | 7.59889  | 8.08807  | 2.12E-06 | 3.39E-07 | 6.36E-06 | 1.23E-07 | 8.95E-06 |
| 476 | 642000.09 | 4290642.63 | 642000.09, 429C | 5.72833  | 5.72714  | 5.72833  | 6.07088  | 1.60E-06 | 2.56E-07 | 4.80E-06 | 9.20E-08 | 6.74E-06 |
| 477 | 642040.09 | 4290642.63 | 642040.09, 429C | 4.48965  | 4.48884  | 4.48965  | 4.73637  | 1.25E-06 | 2.00E-07 | 3.76E-06 | 7.18E-08 | 5.29E-06 |
| 478 | 642080.09 | 4290642.63 | 642080.09, 429C | 3.62481  | 3.62422  | 3.62481  | 3.80692  | 1.01E-06 | 1.62E-07 | 3.04E-06 | 5.77E-08 | 4.27E-06 |
| 479 | 642120.09 | 4290642.63 | 642120.09, 429C | 2.99548  | 2.99504  | 2.99548  | 3.1327   | 8.36E-07 | 1.34E-07 | 2.51E-06 | 4.75E-08 | 3.53E-06 |
| 480 | 642160.09 | 4290642.63 | 642160.09, 429C | 2.52276  | 2.52242  | 2.52276  | 2.62811  | 7.04E-07 | 1.13E-07 | 2.11E-06 | 3.98E-08 | 2.97E-06 |
| 481 | 642200.09 | 4290642.63 | 642200.09, 429C | 2.15918  | 2.15892  | 2.15918  | 2.24148  | 6.03E-07 | 9.64E-08 | 1.81E-06 | 3.40E-08 | 2.54E-06 |
| 482 | 642240.09 | 4290642.63 | 642240.09, 429C | 1.87107  | 1.87086  | 1.87107  | 1.93618  | 5.22E-07 | 8.36E-08 | 1.57E-06 | 2.94E-08 | 2.20E-06 |
| 483 | 642280.09 | 4290642.63 | 642280.09, 429C | 1.63948  | 1.63931  | 1.63948  | 1.69166  | 4.58E-07 | 7.32E-08 | 1.37E-06 | 2.56E-08 | 1.93E-06 |
| 484 | 642320.09 | 4290642.63 | 642320.09, 429C | 1.45035  | 1.45021  | 1.45035  | 1.49265  | 4.05E-07 | 6.48E-08 | 1.21E-06 | 2.26E-08 | 1.71E-06 |
| 485 | 642360.09 | 4290642.63 | 642360.09, 429C | 1.29371  | 1.29359  | 1.29371  | 1.32835  | 3.61E-07 | 5.78E-08 | 1.08E-06 | 2.01E-08 | 1.52E-06 |
| 486 | 642400.09 | 4290642.63 | 642400.09, 429C | 1.16238  | 1.16228  | 1.16238  | 1.191    | 3.24E-07 | 5.19E-08 | 9.73E-07 | 1.81E-08 | 1.37E-06 |

|     |           |            |                 |         |         |         |          |
|-----|-----------|------------|-----------------|---------|---------|---------|----------|
| 487 | 642440.09 | 4290642.63 | 642440.09, 429C | 1.05109 | 1.05101 | 1.05109 | 1.07493  |
| 488 | 642480.09 | 4290642.63 | 642480.09, 429C | 0.9559  | 0.95583 | 0.9559  | 0.97589  |
| 489 | 642520.09 | 4290642.63 | 642520.09, 429C | 0.87374 | 0.87368 | 0.87374 | 0.89061  |
| 490 | 642560.09 | 4290642.63 | 642560.09, 429C | 0.80227 | 0.80221 | 0.80227 | 0.81658  |
| 491 | 642600.09 | 4290642.63 | 642600.09, 429C | 0.73938 | 0.73933 | 0.73938 | 0.75157  |
| 492 | 641920.09 | 4290682.63 | 641920.09, 429C | 9.8921  | 9.88948 | 9.8921  | 10.05128 |
| 493 | 641960.09 | 4290682.63 | 641960.09, 429C | 7.20467 | 7.20305 | 7.20467 | 7.37633  |
| 494 | 642000.09 | 4290682.63 | 642000.09, 429C | 5.49677 | 5.49569 | 5.49677 | 5.66051  |
| 495 | 642040.09 | 4290682.63 | 642040.09, 429C | 4.3445  | 4.34375 | 4.3445  | 4.48963  |
| 496 | 642080.09 | 4290682.63 | 642080.09, 429C | 3.52916 | 3.52861 | 3.52916 | 3.65284  |
| 497 | 642120.09 | 4290682.63 | 642120.09, 429C | 2.93005 | 2.92964 | 2.93005 | 3.03345  |
| 498 | 642160.09 | 4290682.63 | 642160.09, 429C | 2.47685 | 2.47653 | 2.47685 | 2.56271  |
| 499 | 642200.09 | 4290682.63 | 642200.09, 429C | 2.12584 | 2.12559 | 2.12584 | 2.19714  |
| 500 | 642240.09 | 4290682.63 | 642240.09, 429C | 1.84623 | 1.84603 | 1.84623 | 1.90548  |
| 501 | 642280.09 | 4290682.63 | 642280.09, 429C | 1.62069 | 1.62052 | 1.62069 | 1.67014  |
| 502 | 642320.09 | 4290682.63 | 642320.09, 429C | 1.43589 | 1.43575 | 1.43589 | 1.47738  |
| 503 | 642360.09 | 4290682.63 | 642360.09, 429C | 1.28243 | 1.28231 | 1.28243 | 1.31743  |
| 504 | 642400.09 | 4290682.63 | 642400.09, 429C | 1.15345 | 1.15335 | 1.15345 | 1.18313  |
| 505 | 642440.09 | 4290682.63 | 642440.09, 429C | 1.04394 | 1.04385 | 1.04394 | 1.06922  |
| 506 | 642480.09 | 4290682.63 | 642480.09, 429C | 0.95009 | 0.95002 | 0.95009 | 0.97174  |
| 507 | 642520.09 | 4290682.63 | 642520.09, 429C | 0.86901 | 0.86894 | 0.86901 | 0.88761  |
| 508 | 642560.09 | 4290682.63 | 642560.09, 429C | 0.79838 | 0.79832 | 0.79838 | 0.81443  |
| 509 | 642600.09 | 4290682.63 | 642600.09, 429C | 0.73625 | 0.7362  | 0.73625 | 0.75014  |
| 510 | 641920.09 | 4290722.63 | 641920.09, 429C | 8.90904 | 8.90695 | 8.90904 | 8.84672  |
| 511 | 641960.09 | 4290722.63 | 641960.09, 429C | 6.65865 | 6.6573  | 6.65865 | 6.64127  |
| 512 | 642000.09 | 4290722.63 | 642000.09, 429C | 5.17157 | 5.17064 | 5.17157 | 5.18697  |
| 513 | 642040.09 | 4290722.63 | 642040.09, 429C | 4.1386  | 4.13794 | 4.1386  | 4.17641  |
| 514 | 642080.09 | 4290722.63 | 642080.09, 429C | 3.39247 | 3.39198 | 3.39247 | 3.44207  |
| 515 | 642120.09 | 4290722.63 | 642120.09, 429C | 2.83586 | 2.83549 | 2.83586 | 2.88918  |
| 516 | 642160.09 | 4290722.63 | 642160.09, 429C | 2.41051 | 2.41022 | 2.41051 | 2.46267  |
| 517 | 642200.09 | 4290722.63 | 642200.09, 429C | 2.07782 | 2.07758 | 2.07782 | 2.12637  |
| 518 | 642240.09 | 4290722.63 | 642240.09, 429C | 1.81084 | 1.81065 | 1.81084 | 1.85474  |
| 519 | 642280.09 | 4290722.63 | 642280.09, 429C | 1.59407 | 1.59391 | 1.59407 | 1.63319  |
| 520 | 642320.09 | 4290722.63 | 642320.09, 429C | 1.41559 | 1.41546 | 1.41559 | 1.45018  |
| 521 | 642360.09 | 4290722.63 | 642360.09, 429C | 1.26671 | 1.26661 | 1.26671 | 1.29718  |
| 522 | 642400.09 | 4290722.63 | 642400.09, 429C | 1.14114 | 1.14105 | 1.14114 | 1.16794  |
| 523 | 642440.09 | 4290722.63 | 642440.09, 429C | 1.03421 | 1.03413 | 1.03421 | 1.05777  |
| 524 | 642480.09 | 4290722.63 | 642480.09, 429C | 0.94232 | 0.94225 | 0.94232 | 0.96305  |
| 525 | 642520.09 | 4290722.63 | 642520.09, 429C | 0.86272 | 0.86266 | 0.86272 | 0.88098  |
| 526 | 642560.09 | 4290722.63 | 642560.09, 429C | 0.79327 | 0.79322 | 0.79327 | 0.80937  |
| 527 | 642600.09 | 4290722.63 | 642600.09, 429C | 0.73213 | 0.73208 | 0.73213 | 0.74635  |
| 528 | 641920.09 | 4290762.63 | 641920.09, 429C | 7.94488 | 7.94316 | 7.94488 | 7.81866  |
| 529 | 641960.09 | 4290762.63 | 641960.09, 429C | 6.06155 | 6.06042 | 6.06155 | 5.98912  |
| 530 | 642000.09 | 4290762.63 | 642000.09, 429C | 4.78742 | 4.78663 | 4.78742 | 4.74412  |
| 531 | 642040.09 | 4290762.63 | 642040.09, 429C | 3.88443 | 3.88385 | 3.88443 | 3.86148  |
| 532 | 642080.09 | 4290762.63 | 642080.09, 429C | 3.21889 | 3.21846 | 3.21889 | 3.21319  |
| 533 | 642120.09 | 4290762.63 | 642120.09, 429C | 2.71406 | 2.71372 | 2.71406 | 2.72176  |
| 534 | 642160.09 | 4290762.63 | 642160.09, 429C | 2.32292 | 2.32266 | 2.32292 | 2.33959  |
| 535 | 642200.09 | 4290762.63 | 642200.09, 429C | 2.01323 | 2.01301 | 2.01323 | 2.03498  |
| 536 | 642240.09 | 4290762.63 | 642240.09, 429C | 1.76256 | 1.76238 | 1.76256 | 1.78659  |
| 537 | 642280.09 | 4290762.63 | 642280.09, 429C | 1.55746 | 1.55732 | 1.55746 | 1.58192  |
| 538 | 642320.09 | 4290762.63 | 642320.09, 429C | 1.38747 | 1.38734 | 1.38747 | 1.41125  |
| 539 | 642360.09 | 4290762.63 | 642360.09, 429C | 1.24484 | 1.24474 | 1.24484 | 1.26736  |
| 540 | 642400.09 | 4290762.63 | 642400.09, 429C | 1.12396 | 1.12387 | 1.12396 | 1.14492  |
| 541 | 642440.09 | 4290762.63 | 642440.09, 429C | 1.02055 | 1.02048 | 1.02055 | 1.03986  |
| 542 | 642480.09 | 4290762.63 | 642480.09, 429C | 0.93134 | 0.93128 | 0.93134 | 0.949    |
| 543 | 642520.09 | 4290762.63 | 642520.09, 429C | 0.85386 | 0.8538  | 0.85386 | 0.86993  |
| 544 | 642560.09 | 4290762.63 | 642560.09, 429C | 0.78606 | 0.78601 | 0.78606 | 0.80064  |
| 545 | 642600.09 | 4290762.63 | 642600.09, 429C | 0.72628 | 0.72624 | 0.72628 | 0.73949  |
| 546 | 641920.09 | 4290802.63 | 641920.09, 429C | 7.09017 | 7.08876 | 7.09017 | 6.93636  |
| 547 | 641960.09 | 4290802.63 | 641960.09, 429C | 5.5066  | 5.50564 | 5.5066  | 5.41597  |
| 548 | 642000.09 | 4290802.63 | 642000.09, 429C | 4.40993 | 4.40925 | 4.40993 | 4.35179  |
| 549 | 642040.09 | 4290802.63 | 642040.09, 429C | 3.61842 | 3.61791 | 3.61842 | 3.57734  |
| 550 | 642080.09 | 4290802.63 | 642080.09, 429C | 3.02805 | 3.02766 | 3.02805 | 2.99851  |
| 551 | 642120.09 | 4290802.63 | 642120.09, 429C | 2.5748  | 2.5745  | 2.5748  | 2.55561  |
| 552 | 642160.09 | 4290802.63 | 642160.09, 429C | 2.21972 | 2.21948 | 2.21972 | 2.21014  |
| 553 | 642200.09 | 4290802.63 | 642200.09, 429C | 1.93533 | 1.93513 | 1.93533 | 1.93382  |
| 554 | 642240.09 | 4290802.63 | 642240.09, 429C | 1.70315 | 1.70299 | 1.70315 | 1.70775  |
| 555 | 642280.09 | 4290802.63 | 642280.09, 429C | 1.51159 | 1.51146 | 1.51159 | 1.52037  |
| 556 | 642320.09 | 4290802.63 | 642320.09, 429C | 1.35165 | 1.35153 | 1.35165 | 1.36304  |
| 557 | 642360.09 | 4290802.63 | 642360.09, 429C | 1.21658 | 1.21649 | 1.21658 | 1.22941  |

|          |          |          |          |          |
|----------|----------|----------|----------|----------|
| 2.93E-07 | 4.69E-08 | 8.80E-07 | 1.63E-08 | 1.24E-06 |
| 2.67E-07 | 4.27E-08 | 8.01E-07 | 1.48E-08 | 1.12E-06 |
| 2.44E-07 | 3.90E-08 | 7.32E-07 | 1.35E-08 | 1.03E-06 |
| 2.24E-07 | 3.58E-08 | 6.72E-07 | 1.24E-08 | 9.44E-07 |
| 2.06E-07 | 3.30E-08 | 6.19E-07 | 1.14E-08 | 8.70E-07 |
| 2.76E-06 | 4.42E-07 | 8.28E-06 | 1.52E-07 | 1.16E-05 |
| 2.01E-06 | 3.22E-07 | 6.03E-06 | 1.12E-07 | 8.48E-06 |
| 1.53E-06 | 2.45E-07 | 4.60E-06 | 8.58E-08 | 6.47E-06 |
| 1.21E-06 | 1.94E-07 | 3.64E-06 | 6.81E-08 | 5.11E-06 |
| 9.85E-07 | 1.58E-07 | 2.96E-06 | 5.54E-08 | 4.15E-06 |
| 8.18E-07 | 1.31E-07 | 2.45E-06 | 4.60E-08 | 3.45E-06 |
| 6.91E-07 | 1.11E-07 | 2.07E-06 | 3.89E-08 | 2.92E-06 |
| 5.93E-07 | 9.49E-08 | 1.78E-06 | 3.33E-08 | 2.50E-06 |
| 5.15E-07 | 8.24E-08 | 1.55E-06 | 2.89E-08 | 2.17E-06 |
| 4.52E-07 | 7.24E-08 | 1.36E-06 | 2.53E-08 | 1.91E-06 |
| 4.01E-07 | 6.41E-08 | 1.20E-06 | 2.24E-08 | 1.69E-06 |
| 3.58E-07 | 5.73E-08 | 1.07E-06 | 2.00E-08 | 1.51E-06 |
| 3.22E-07 | 5.15E-08 | 9.66E-07 | 1.79E-08 | 1.36E-06 |
| 2.91E-07 | 4.66E-08 | 8.74E-07 | 1.62E-08 | 1.23E-06 |
| 2.65E-07 | 4.24E-08 | 7.96E-07 | 1.47E-08 | 1.12E-06 |
| 2.43E-07 | 3.88E-08 | 7.28E-07 | 1.35E-08 | 1.02E-06 |
| 2.23E-07 | 3.57E-08 | 6.69E-07 | 1.23E-08 | 9.39E-07 |
| 2.06E-07 | 3.29E-08 | 6.17E-07 | 1.14E-08 | 8.66E-07 |
| 2.49E-06 | 3.98E-07 | 7.46E-06 | 1.34E-07 | 1.05E-05 |
| 1.86E-06 | 2.97E-07 | 5.58E-06 | 1.01E-07 | 7.83E-06 |
| 1.44E-06 | 2.31E-07 | 4.33E-06 | 7.86E-08 | 6.08E-06 |
| 1.16E-06 | 1.85E-07 | 3.47E-06 | 6.33E-08 | 4.87E-06 |
| 9.47E-07 | 1.51E-07 | 2.84E-06 | 5.22E-08 | 3.99E-06 |
| 7.92E-07 | 1.27E-07 | 2.37E-06 | 4.38E-08 | 3.34E-06 |
| 6.73E-07 | 1.08E-07 | 2.02E-06 | 3.73E-08 | 2.84E-06 |
| 5.80E-07 | 9.28E-08 | 1.74E-06 | 3.22E-08 | 2.45E-06 |
| 5.05E-07 | 8.09E-08 | 1.52E-06 | 2.81E-08 | 2.13E-06 |
| 4.45E-07 | 7.12E-08 | 1.33E-06 | 2.48E-08 | 1.88E-06 |
| 3.95E-07 | 6.32E-08 | 1.19E-06 | 2.20E-08 | 1.67E-06 |
| 3.54E-07 | 5.66E-08 | 1.06E-06 | 1.97E-08 | 1.49E-06 |
| 3.19E-07 | 5.10E-08 | 9.56E-07 | 1.77E-08 | 1.34E-06 |
| 2.89E-07 | 4.62E-08 | 8.66E-07 | 1.60E-08 | 1.22E-06 |
| 2.63E-07 | 4.21E-08 | 7.89E-07 | 1.46E-08 | 1.11E-06 |
| 2.41E-07 | 3.85E-08 | 7.22E-07 | 1.34E-08 | 1.02E-06 |
| 2.21E-07 | 3.54E-08 | 6.64E-07 | 1.23E-08 | 9.33E-07 |
| 2.04E-07 | 3.27E-08 | 6.13E-07 | 1.13E-08 | 8.61E-07 |
| 2.22E-06 | 3.55E-07 | 6.65E-06 | 1.19E-07 | 9.34E-06 |
| 1.69E-06 | 2.71E-07 | 5.08E-06 | 9.08E-08 | 7.13E-06 |
| 1.34E-06 | 2.14E-07 | 4.01E-06 | 7.19E-08 | 5.63E-06 |
| 1.08E-06 | 1.73E-07 | 3.25E-06 | 5.85E-08 | 4.57E-06 |
| 8.99E-07 | 1.44E-07 | 2.70E-06 | 4.87E-08 | 3.79E-06 |
| 7.58E-07 | 1.21E-07 | 2.27E-06 | 4.13E-08 | 3.19E-06 |
| 6.48E-07 | 1.04E-07 | 1.95E-06 | 3.55E-08 | 2.73E-06 |
| 5.62E-07 | 8.99E-08 | 1.69E-06 | 3.09E-08 | 2.37E-06 |
| 4.92E-07 | 7.87E-08 | 1.48E-06 | 2.71E-08 | 2.07E-06 |
| 4.35E-07 | 6.96E-08 | 1.30E-06 | 2.40E-08 | 1.83E-06 |
| 3.87E-07 | 6.20E-08 | 1.16E-06 | 2.14E-08 | 1.63E-06 |
| 3.47E-07 | 5.56E-08 | 1.04E-06 | 1.92E-08 | 1.46E-06 |
| 3.14E-07 | 5.02E-08 | 9.41E-07 | 1.74E-08 | 1.32E-06 |
| 2.85E-07 | 4.56E-08 | 8.55E-07 | 1.58E-08 | 1.20E-06 |
| 2.60E-07 | 4.16E-08 | 7.80E-07 | 1.44E-08 | 1.10E-06 |
| 2.38E-07 | 3.81E-08 | 7.15E-07 | 1.32E-08 | 1.00E-06 |
| 2.19E-07 | 3.51E-08 | 6.58E-07 | 1.21E-08 | 9.25E-07 |
| 2.03E-07 | 3.24E-08 | 6.08E-07 | 1.12E-08 | 8.55E-07 |
| 1.98E-06 | 3.17E-07 | 5.94E-06 | 1.05E-07 | 8.34E-06 |
| 1.54E-06 | 2.46E-07 | 4.61E-06 | 8.21E-08 | 6.48E-06 |
| 1.23E-06 | 1.97E-07 | 3.69E-06 | 6.60E-08 | 5.19E-06 |
| 1.01E-06 | 1.62E-07 | 3.03E-06 | 5.42E-08 | 4.26E-06 |
| 8.45E-07 | 1.35E-07 | 2.54E-06 | 4.55E-08 | 3.56E-06 |
| 7.19E-07 | 1.15E-07 | 2.16E-06 | 3.87E-08 | 3.03E-06 |
| 6.20E-07 | 9.91E-08 | 1.86E-06 | 3.35E-08 | 2.61E-06 |
| 5.40E-07 | 8.64E-08 | 1.62E-06 | 2.93E-08 | 2.28E-06 |
| 4.75E-07 | 7.61E-08 | 1.43E-06 | 2.59E-08 | 2.00E-06 |
| 4.22E-07 | 6.75E-08 | 1.27E-06 | 2.31E-08 | 1.78E-06 |
| 3.77E-07 | 6.04E-08 | 1.13E-06 | 2.07E-08 | 1.59E-06 |
| 3.40E-07 | 5.43E-08 | 1.02E-06 | 1.86E-08 | 1.43E-06 |



|     |           |            |                 |          |          |          |          |          |          |          |          |          |
|-----|-----------|------------|-----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 558 | 642400.09 | 4290802.63 | 642400.09, 429C | 1.10147  | 1.10138  | 1.10147  | 1.11488  | 3.07E-07 | 4.92E-08 | 9.22E-07 | 1.69E-08 | 1.30E-06 |
| 559 | 642440.09 | 4290802.63 | 642440.09, 429C | 1.00249  | 1.00242  | 1.00249  | 1.01593  | 2.80E-07 | 4.48E-08 | 8.40E-07 | 1.54E-08 | 1.18E-06 |
| 560 | 642480.09 | 4290802.63 | 642480.09, 429C | 0.91676  | 0.9167   | 0.91676  | 0.92986  | 2.56E-07 | 4.09E-08 | 7.68E-07 | 1.41E-08 | 1.08E-06 |
| 561 | 642520.09 | 4290802.63 | 642520.09, 429C | 0.84199  | 0.84193  | 0.84199  | 0.85453  | 2.35E-07 | 3.76E-08 | 7.05E-07 | 1.30E-08 | 9.91E-07 |
| 562 | 642560.09 | 4290802.63 | 642560.09, 429C | 0.77633  | 0.77628  | 0.77633  | 0.7882   | 2.17E-07 | 3.47E-08 | 6.50E-07 | 1.20E-08 | 9.13E-07 |
| 563 | 642600.09 | 4290802.63 | 642600.09, 429C | 0.71828  | 0.71824  | 0.71828  | 0.72942  | 2.01E-07 | 3.21E-08 | 6.02E-07 | 1.11E-08 | 8.45E-07 |
| 564 | 641920.09 | 4290842.63 | 641920.09, 429C | 6.3532   | 6.35203  | 6.3532   | 6.18313  | 1.77E-06 | 2.84E-07 | 5.32E-06 | 9.37E-08 | 7.47E-06 |
| 565 | 641960.09 | 4290842.63 | 641960.09, 429C | 5.01605  | 5.01523  | 5.01605  | 4.91377  | 1.40E-06 | 2.24E-07 | 4.20E-06 | 7.45E-08 | 5.90E-06 |
| 566 | 642000.09 | 4290842.63 | 642000.09, 429C | 4.0655   | 4.06491  | 4.0655   | 4.00115  | 1.13E-06 | 1.82E-07 | 3.40E-06 | 6.07E-08 | 4.78E-06 |
| 567 | 642040.09 | 4290842.63 | 642040.09, 429C | 3.36907  | 3.36863  | 3.36907  | 3.32453  | 9.40E-07 | 1.50E-07 | 2.82E-06 | 5.04E-08 | 3.96E-06 |
| 568 | 642080.09 | 4290842.63 | 642080.09, 429C | 2.84165  | 2.84131  | 2.84165  | 2.80719  | 7.93E-07 | 1.27E-07 | 2.38E-06 | 4.26E-08 | 3.34E-06 |
| 569 | 642120.09 | 4290842.63 | 642120.09, 429C | 2.43215  | 2.43188  | 2.43215  | 2.40415  | 6.79E-07 | 1.09E-07 | 2.04E-06 | 3.64E-08 | 2.86E-06 |
| 570 | 642160.09 | 4290842.63 | 642160.09, 429C | 2.11017  | 2.10995  | 2.11017  | 2.08802  | 5.89E-07 | 9.42E-08 | 1.77E-06 | 3.17E-08 | 2.48E-06 |
| 571 | 642200.09 | 4290842.63 | 642200.09, 429C | 1.85016  | 1.84998  | 1.85016  | 1.83415  | 5.16E-07 | 8.26E-08 | 1.55E-06 | 2.78E-08 | 2.18E-06 |
| 572 | 642240.09 | 4290842.63 | 642240.09, 429C | 1.63644  | 1.63629  | 1.63644  | 1.62644  | 4.57E-07 | 7.31E-08 | 1.37E-06 | 2.47E-08 | 1.92E-06 |
| 573 | 642280.09 | 4290842.63 | 642280.09, 429C | 1.45891  | 1.45879  | 1.45891  | 1.45424  | 4.07E-07 | 6.52E-08 | 1.22E-06 | 2.20E-08 | 1.72E-06 |
| 574 | 642320.09 | 4290842.63 | 642320.09, 429C | 1.30969  | 1.30958  | 1.30969  | 1.30933  | 3.66E-07 | 5.85E-08 | 1.10E-06 | 1.99E-08 | 1.54E-06 |
| 575 | 642360.09 | 4290842.63 | 642360.09, 429C | 1.18293  | 1.18284  | 1.18293  | 1.18584  | 3.30E-07 | 5.28E-08 | 9.91E-07 | 1.80E-08 | 1.39E-06 |
| 576 | 642400.09 | 4290842.63 | 642400.09, 429C | 1.07428  | 1.0742   | 1.07428  | 1.07951  | 3.00E-07 | 4.80E-08 | 9.00E-07 | 1.64E-08 | 1.26E-06 |
| 577 | 642440.09 | 4290842.63 | 642440.09, 429C | 0.98039  | 0.98032  | 0.98039  | 0.98716  | 2.74E-07 | 4.38E-08 | 8.21E-07 | 1.50E-08 | 1.15E-06 |
| 578 | 642480.09 | 4290842.63 | 642480.09, 429C | 0.89868  | 0.89862  | 0.89868  | 0.90638  | 2.51E-07 | 4.01E-08 | 7.53E-07 | 1.37E-08 | 1.06E-06 |
| 579 | 642520.09 | 4290842.63 | 642520.09, 429C | 0.8271   | 0.82705  | 0.8271   | 0.8353   | 2.31E-07 | 3.69E-08 | 6.93E-07 | 1.27E-08 | 9.73E-07 |
| 580 | 642560.09 | 4290842.63 | 642560.09, 429C | 0.76398  | 0.76394  | 0.76398  | 0.77235  | 2.13E-07 | 3.41E-08 | 6.40E-07 | 1.17E-08 | 8.99E-07 |
| 581 | 642600.09 | 4290842.63 | 642600.09, 429C | 0.70809  | 0.70805  | 0.70809  | 0.71641  | 1.98E-07 | 3.16E-08 | 5.93E-07 | 1.09E-08 | 8.33E-07 |
| 582 | 641920.09 | 4290882.63 | 641920.09, 429C | 5.69839  | 5.69742  | 5.69839  | 5.52706  | 1.59E-06 | 2.54E-07 | 4.77E-06 | 8.38E-08 | 6.70E-06 |
| 583 | 641960.09 | 4290882.63 | 641960.09, 429C | 4.57402  | 4.57332  | 4.57402  | 4.46553  | 1.28E-06 | 2.04E-07 | 3.83E-06 | 6.77E-08 | 5.38E-06 |
| 584 | 642000.09 | 4290882.63 | 642000.09, 429C | 3.75504  | 3.75452  | 3.75504  | 3.68395  | 1.05E-06 | 1.68E-07 | 3.14E-06 | 5.59E-08 | 4.42E-06 |
| 585 | 642040.09 | 4290882.63 | 642040.09, 429C | 3.14044  | 3.14005  | 3.14044  | 3.09328  | 8.77E-07 | 1.40E-07 | 2.63E-06 | 4.69E-08 | 3.69E-06 |
| 586 | 642080.09 | 4290882.63 | 642080.09, 429C | 2.66925  | 2.66894  | 2.66925  | 2.63478  | 7.45E-07 | 1.19E-07 | 2.24E-06 | 3.99E-08 | 3.14E-06 |
| 587 | 642120.09 | 4290882.63 | 642120.09, 429C | 2.30054  | 2.30029  | 2.30054  | 2.27202  | 6.42E-07 | 1.03E-07 | 1.93E-06 | 3.44E-08 | 2.71E-06 |
| 588 | 642160.09 | 4290882.63 | 642160.09, 429C | 2.0032   | 2.003    | 2.0032   | 1.97852  | 5.59E-07 | 8.95E-08 | 1.68E-06 | 3.00E-08 | 2.36E-06 |
| 589 | 642200.09 | 4290882.63 | 642200.09, 429C | 1.76414  | 1.76398  | 1.76414  | 1.74275  | 4.92E-07 | 7.88E-08 | 1.48E-06 | 2.64E-08 | 2.08E-06 |
| 590 | 642240.09 | 4290882.63 | 642240.09, 429C | 1.56707  | 1.56694  | 1.56707  | 1.54947  | 4.37E-07 | 7.00E-08 | 1.31E-06 | 2.35E-08 | 1.84E-06 |
| 591 | 642280.09 | 4290882.63 | 642280.09, 429C | 1.4027   | 1.40258  | 1.4027   | 1.38925  | 3.92E-07 | 6.26E-08 | 1.17E-06 | 2.11E-08 | 1.65E-06 |
| 592 | 642320.09 | 4290882.63 | 642320.09, 429C | 1.26391  | 1.26382  | 1.26391  | 1.25459  | 3.53E-07 | 5.64E-08 | 1.06E-06 | 1.90E-08 | 1.49E-06 |
| 593 | 642360.09 | 4290882.63 | 642360.09, 429C | 1.14548  | 1.1454   | 1.14548  | 1.13991  | 3.20E-07 | 5.12E-08 | 9.59E-07 | 1.73E-08 | 1.35E-06 |
| 594 | 642400.09 | 4290882.63 | 642400.09, 429C | 1.04353  | 1.04346  | 1.04353  | 1.04112  | 2.91E-07 | 4.66E-08 | 8.74E-07 | 1.58E-08 | 1.23E-06 |
| 595 | 642440.09 | 4290882.63 | 642440.09, 429C | 0.95502  | 0.95496  | 0.95502  | 0.95514  | 2.67E-07 | 4.27E-08 | 8.00E-07 | 1.45E-08 | 1.12E-06 |
| 596 | 642480.09 | 4290882.63 | 642480.09, 429C | 0.87764  | 0.87758  | 0.87764  | 0.87968  | 2.45E-07 | 3.92E-08 | 7.35E-07 | 1.33E-08 | 1.03E-06 |
| 597 | 642520.09 | 4290882.63 | 642520.09, 429C | 0.80958  | 0.80953  | 0.80958  | 0.81301  | 2.26E-07 | 3.62E-08 | 6.78E-07 | 1.23E-08 | 9.52E-07 |
| 598 | 642560.09 | 4290882.63 | 642560.09, 429C | 0.74935  | 0.7493   | 0.74935  | 0.75375  | 2.09E-07 | 3.35E-08 | 6.28E-07 | 1.14E-08 | 8.82E-07 |
| 599 | 642600.09 | 4290882.63 | 642600.09, 429C | 0.69578  | 0.69574  | 0.69578  | 0.70081  | 1.94E-07 | 3.11E-08 | 5.83E-07 | 1.06E-08 | 8.19E-07 |
| 600 | 641450.64 | 4290754.44 | 641450.64, 429C | 6.23342  | 6.23479  | 6.23342  | 5.66375  | 1.74E-06 | 2.78E-07 | 5.22E-06 | 8.59E-08 | 7.32E-06 |
| 601 | 641490.64 | 4290754.44 | 641490.64, 429C | 8.39303  | 8.39522  | 8.39303  | 7.55045  | 2.34E-06 | 3.75E-07 | 7.03E-06 | 1.14E-07 | 9.86E-06 |
| 602 | 641530.64 | 4290754.44 | 641530.64, 429C | 11.98376 | 11.98752 | 11.98376 | 10.59006 | 3.35E-06 | 5.35E-07 | 1.00E-05 | 1.61E-07 | 1.41E-05 |
| 603 | 641570.64 | 4290754.44 | 641570.64, 429C | 18.16254 | 18.16924 | 18.16254 | 15.54421 | 5.07E-06 | 8.11E-07 | 1.52E-05 | 2.36E-07 | 2.13E-05 |
| 604 | 641610.64 | 4290754.44 | 641610.64, 429C | 28.76942 | 28.78097 | 28.76942 | 23.21355 | 8.03E-06 | 1.29E-06 | 2.41E-05 | 3.52E-07 | 3.38E-05 |
| 605 | 641650.64 | 4290754.44 | 641650.64, 429C | 43.85558 | 43.87113 | 43.85558 | 32.76409 | 1.22E-05 | 1.96E-06 | 3.67E-05 | 4.97E-07 | 5.14E-05 |
| 606 | 641450.64 | 4290794.44 | 641450.64, 429C | 6.4616   | 6.46305  | 6.4616   | 5.85015  | 1.80E-06 | 2.89E-07 | 5.41E-06 | 8.87E-08 | 7.59E-06 |
| 607 | 641490.64 | 4290794.44 | 641490.64, 429C | 8.72214  | 8.72441  | 8.72214  | 7.79291  | 2.43E-06 | 3.90E-07 | 7.30E-06 | 1.18E-07 | 1.02E-05 |
| 608 | 641530.64 | 4290794.44 | 641530.64, 429C | 12.26082 | 12.26446 | 12.26082 | 10.72863 | 3.42E-06 | 5.48E-07 | 1.03E-05 | 1.63E-07 | 1.44E-05 |
| 609 | 641570.64 | 4290794.44 | 641570.64, 429C | 17.68473 | 17.69037 | 17.68473 | 14.98518 | 4.94E-06 | 7.90E-07 | 1.48E-05 | 2.27E-07 | 2.08E-05 |
| 610 | 641610.64 | 4290794.44 | 641610.64, 429C | 25.13329 | 25.14096 | 25.13329 | 20.38307 | 7.02E-06 | 1.12E-06 | 2.10E-05 | 3.09E-07 | 2.95E-05 |
| 611 | 641650.64 | 4290794.44 | 641650.64, 429C | 33.00361 | 33.01134 | 33.00361 | 25.61105 | 9.21E-06 | 1.47E-06 | 2.76E-05 | 3.88E-07 | 3.87E-05 |
| 612 | 641450.64 | 4290834.44 | 641450.64, 429C | 6.63085  | 6.63231  | 6.63085  | 5.99081  | 1.85E-06 | 2.96E-07 | 5.55E-06 | 9.08E-08 | 7.79E-06 |
| 613 | 641490.64 | 4290834.44 | 641490.64, 429C | 8.82742  | 8.82959  | 8.82742  | 7.87011  | 2.46E-06 | 3.94E-07 | 7.39E-06 | 1.19E-07 | 1.04E-05 |
| 614 | 641530.64 | 4290834.44 | 641530.64, 429C | 11.97552 | 11.97867 | 11.97552 | 10.47628 | 3.34E-06 | 5.35E-07 | 1.00E-05 | 1.59E-07 | 1.41E-05 |
| 615 | 641570.64 | 4290834.44 | 641570.64, 429C | 16.19775 | 16.20197 | 16.19775 | 13.79055 | 4.52E-06 | 7.24E-07 | 1.36E-05 | 2.09E-07 | 1.90E-05 |
| 616 | 641610.64 | 4290834.44 | 641610.64, 429C | 21.05121 | 21.05601 | 21.05121 | 17.34952 | 5.88E-06 | 9.40E-07 | 1.76E-05 | 2.63E-07 | 2.47E-05 |
| 617 | 641650.64 | 4290834.44 | 641650.64, 429C | 25.11969 | 25.12367 | 25.11969 | 20.16811 | 7.01E-06 | 1.12E-06 | 2.10E-05 | 3.06E-07 | 2.95E-05 |
| 618 | 0         | 0 0, 0     |                 | 0        | 0        | 0        | 0        | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 619 | 0         | 0 0, 0     |                 | 0        | 0        | 0        | 0        | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 620 | 0         | 0 0, 0     |                 | 0        | 0        | 0        | 0        | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 621 | 0         | 0 0, 0     |                 | 0        | 0        | 0        | 0        | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 622 | 0         | 0 0, 0     |                 | 0        | 0        | 0        | 0        | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 623 | 0         | 0 0, 0     |                 | 0        | 0        | 0        | 0        | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 624 | 0         | 0 0, 0     |                 | 0        | 0        | 0        | 0        | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 625 | 0         | 0 0, 0     |                 | 0        | 0        | 0        | 0        | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 626 | 0         | 0 0, 0     |                 | 0        | 0        | 0        | 0        | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 627 | 0         | 0 0, 0     |                 | 0        | 0        | 0        | 0        | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 628 | 0         | 0 0, 0     |                 | 0        | 0        | 0        | 0        | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

|     |   |        |   |   |   |   |          |          |          |          |          |
|-----|---|--------|---|---|---|---|----------|----------|----------|----------|----------|
| 629 | 0 | 0 0, 0 | 0 | 0 | 0 | 0 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 630 | 0 | 0 0, 0 | 0 | 0 | 0 | 0 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 631 | 0 | 0 0, 0 | 0 | 0 | 0 | 0 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 632 | 0 | 0 0, 0 | 0 | 0 | 0 | 0 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 633 | 0 | 0 0, 0 | 0 | 0 | 0 | 0 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 634 | 0 | 0 0, 0 | 0 | 0 | 0 | 0 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 635 | 0 | 0 0, 0 | 0 | 0 | 0 | 0 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 636 | 0 | 0 0, 0 | 0 | 0 | 0 | 0 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 637 | 0 | 0 0, 0 | 0 | 0 | 0 | 0 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 638 | 0 | 0 0, 0 | 0 | 0 | 0 | 0 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 639 | 0 | 0 0, 0 | 0 | 0 | 0 | 0 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 640 | 0 | 0 0, 0 | 0 | 0 | 0 | 0 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 641 | 0 | 0 0, 0 | 0 | 0 | 0 | 0 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 642 | 0 | 0 0, 0 | 0 | 0 | 0 | 0 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 643 | 0 | 0 0, 0 | 0 | 0 | 0 | 0 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 644 | 0 | 0 0, 0 | 0 | 0 | 0 | 0 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 645 | 0 | 0 0, 0 | 0 | 0 | 0 | 0 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 646 | 0 | 0 0, 0 | 0 | 0 | 0 | 0 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 647 | 0 | 0 0, 0 | 0 | 0 | 0 | 0 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

Residential Operational Risk - Total TOG (Benzene, Ethylbenzene, Naphthalene)

| Discrete Receptor ID |           |                            | Benzene | Ethylbenzene | Naphthalene | Total TOG Risk |
|----------------------|-----------|----------------------------|---------|--------------|-------------|----------------|
| X                    | Y         | X, Y                       | Risk    | Risk         | Risk        |                |
| 1                    | 641284.31 | 4290506.68 641284.31, 4290 | 2.6E-08 | 2.1E-09      | 3.2E-09     | 3.1E-08        |
| 2                    | 641324.31 | 4290506.68 641324.31, 4290 | 3.0E-08 | 2.5E-09      | 3.8E-09     | 3.6E-08        |
| 3                    | 641364.31 | 4290506.68 641364.31, 4290 | 3.6E-08 | 2.9E-09      | 4.5E-09     | 4.3E-08        |
| 4                    | 641404.31 | 4290506.68 641404.31, 4290 | 4.3E-08 | 3.5E-09      | 5.4E-09     | 5.2E-08        |
| 5                    | 641284.31 | 4290546.68 641284.31, 4290 | 2.6E-08 | 2.2E-09      | 3.3E-09     | 3.2E-08        |
| 6                    | 641324.31 | 4290546.68 641324.31, 4290 | 3.1E-08 | 2.5E-09      | 3.9E-09     | 3.7E-08        |
| 7                    | 641364.31 | 4290546.68 641364.31, 4290 | 3.7E-08 | 3.0E-09      | 4.6E-09     | 4.5E-08        |
| 8                    | 641404.31 | 4290546.68 641404.31, 4290 | 4.5E-08 | 3.7E-09      | 5.6E-09     | 5.5E-08        |
| 9                    | 641284.31 | 4290586.68 641284.31, 4290 | 2.7E-08 | 2.2E-09      | 3.4E-09     | 3.3E-08        |
| 10                   | 641324.31 | 4290586.68 641324.31, 4290 | 3.2E-08 | 2.6E-09      | 3.9E-09     | 3.8E-08        |
| 11                   | 641364.31 | 4290586.68 641364.31, 4290 | 3.8E-08 | 3.1E-09      | 4.7E-09     | 4.6E-08        |
| 12                   | 641404.31 | 4290586.68 641404.31, 4290 | 4.7E-08 | 3.8E-09      | 5.8E-09     | 5.6E-08        |
| 13                   | 641284.31 | 4290626.68 641284.31, 4290 | 2.8E-08 | 2.2E-09      | 3.4E-09     | 3.3E-08        |
| 14                   | 641324.31 | 4290626.68 641324.31, 4290 | 3.2E-08 | 2.6E-09      | 4.0E-09     | 3.9E-08        |
| 15                   | 641364.31 | 4290626.68 641364.31, 4290 | 3.9E-08 | 3.1E-09      | 4.8E-09     | 4.7E-08        |
| 16                   | 641404.31 | 4290626.68 641404.31, 4290 | 4.8E-08 | 3.8E-09      | 5.8E-09     | 5.7E-08        |
| 17                   | 641284.31 | 4290666.68 641284.31, 4290 | 2.8E-08 | 2.3E-09      | 3.4E-09     | 3.4E-08        |
| 18                   | 641324.31 | 4290666.68 641324.31, 4290 | 3.3E-08 | 2.7E-09      | 4.0E-09     | 4.0E-08        |
| 19                   | 641364.31 | 4290666.68 641364.31, 4290 | 4.0E-08 | 3.2E-09      | 4.8E-09     | 4.8E-08        |
| 20                   | 641404.31 | 4290666.68 641404.31, 4290 | 4.9E-08 | 3.9E-09      | 5.9E-09     | 5.8E-08        |
| 21                   | 641284.31 | 4290706.68 641284.31, 4290 | 2.8E-08 | 2.3E-09      | 3.5E-09     | 3.4E-08        |
| 22                   | 641324.31 | 4290706.68 641324.31, 4290 | 3.3E-08 | 2.7E-09      | 4.1E-09     | 4.0E-08        |
| 23                   | 641364.31 | 4290706.68 641364.31, 4290 | 4.0E-08 | 3.2E-09      | 4.9E-09     | 4.8E-08        |
| 24                   | 641404.31 | 4290706.68 641404.31, 4290 | 4.9E-08 | 3.9E-09      | 6.0E-09     | 5.9E-08        |
| 25                   | 641284.31 | 4290746.68 641284.31, 4290 | 2.9E-08 | 2.3E-09      | 3.5E-09     | 3.4E-08        |
| 26                   | 641324.31 | 4290746.68 641324.31, 4290 | 3.4E-08 | 2.7E-09      | 4.1E-09     | 4.1E-08        |
| 27                   | 641364.31 | 4290746.68 641364.31, 4290 | 4.1E-08 | 3.3E-09      | 5.0E-09     | 4.9E-08        |
| 28                   | 641404.31 | 4290746.68 641404.31, 4290 | 5.1E-08 | 4.0E-09      | 6.1E-09     | 6.1E-08        |
| 29                   | 641284.31 | 4290786.68 641284.31, 4290 | 2.9E-08 | 2.3E-09      | 3.5E-09     | 3.5E-08        |
| 30                   | 641324.31 | 4290786.68 641324.31, 4290 | 3.4E-08 | 2.7E-09      | 4.2E-09     | 4.1E-08        |
| 31                   | 641364.31 | 4290786.68 641364.31, 4290 | 4.2E-08 | 3.3E-09      | 5.0E-09     | 5.0E-08        |
| 32                   | 641404.31 | 4290786.68 641404.31, 4290 | 5.2E-08 | 4.1E-09      | 6.3E-09     | 6.2E-08        |
| 33                   | 641284.31 | 4290826.68 641284.31, 4290 | 2.9E-08 | 2.4E-09      | 3.6E-09     | 3.5E-08        |
| 34                   | 641324.31 | 4290826.68 641324.31, 4290 | 3.5E-08 | 2.8E-09      | 4.3E-09     | 4.2E-08        |
| 35                   | 641364.31 | 4290826.68 641364.31, 4290 | 4.3E-08 | 3.4E-09      | 5.2E-09     | 5.1E-08        |
| 36                   | 641404.31 | 4290826.68 641404.31, 4290 | 5.3E-08 | 4.2E-09      | 6.4E-09     | 6.4E-08        |
| 37                   | 641284.31 | 4290866.68 641284.31, 4290 | 3.0E-08 | 2.4E-09      | 3.7E-09     | 3.6E-08        |
| 38                   | 641324.31 | 4290866.68 641324.31, 4290 | 3.6E-08 | 2.9E-09      | 4.4E-09     | 4.3E-08        |
| 39                   | 641364.31 | 4290866.68 641364.31, 4290 | 4.4E-08 | 3.5E-09      | 5.3E-09     | 5.3E-08        |
| 40                   | 641404.31 | 4290866.68 641404.31, 4290 | 5.5E-08 | 4.3E-09      | 6.6E-09     | 6.6E-08        |
| 41                   | 641268.28 | 4290889.76 641268.28, 4290 | 2.8E-08 | 2.3E-09      | 3.5E-09     | 3.4E-08        |
| 42                   | 641308.28 | 4290889.76 641308.28, 4290 | 3.4E-08 | 2.7E-09      | 4.1E-09     | 4.1E-08        |
| 43                   | 641348.28 | 4290889.76 641348.28, 4290 | 4.1E-08 | 3.3E-09      | 4.9E-09     | 4.9E-08        |
| 44                   | 641388.28 | 4290889.76 641388.28, 4290 | 5.0E-08 | 4.0E-09      | 6.1E-09     | 6.0E-08        |
| 45                   | 641428.28 | 4290889.76 641428.28, 4290 | 6.3E-08 | 5.0E-09      | 7.6E-09     | 7.6E-08        |
| 46                   | 641468.28 | 4290889.76 641468.28, 4290 | 8.1E-08 | 6.4E-09      | 9.6E-09     | 9.7E-08        |
| 47                   | 641508.28 | 4290889.76 641508.28, 4290 | 1.0E-07 | 8.1E-09      | 1.2E-08     | 1.2E-07        |
| 48                   | 641548.28 | 4290889.76 641548.28, 4290 | 1.3E-07 | 1.0E-08      | 1.5E-08     | 1.5E-07        |
| 49                   | 641588.28 | 4290889.76 641588.28, 4290 | 1.6E-07 | 1.2E-08      | 1.8E-08     | 1.9E-07        |
| 50                   | 641628.28 | 4290889.76 641628.28, 4290 | 1.8E-07 | 1.4E-08      | 2.1E-08     | 2.1E-07        |
| 51                   | 642188.28 | 4290889.76 642188.28, 4290 | 2.0E-08 | 1.7E-09      | 2.6E-09     | 2.5E-08        |
| 52                   | 642228.28 | 4290889.76 642228.28, 4290 | 1.8E-08 | 1.5E-09      | 2.3E-09     | 2.2E-08        |
| 53                   | 642268.28 | 4290889.76 642268.28, 4290 | 1.6E-08 | 1.3E-09      | 2.0E-09     | 2.0E-08        |
| 54                   | 642308.28 | 4290889.76 642308.28, 4290 | 1.5E-08 | 1.2E-09      | 1.8E-09     | 1.8E-08        |
| 55                   | 642348.28 | 4290889.76 642348.28, 4290 | 1.3E-08 | 1.1E-09      | 1.7E-09     | 1.6E-08        |
| 56                   | 642388.28 | 4290889.76 642388.28, 4290 | 1.2E-08 | 9.9E-10      | 1.5E-09     | 1.5E-08        |
| 57                   | 642428.28 | 4290889.76 642428.28, 4290 | 1.1E-08 | 9.1E-10      | 1.4E-09     | 1.3E-08        |
| 58                   | 641268.28 | 4290929.76 641268.28, 4290 | 2.9E-08 | 2.3E-09      | 3.5E-09     | 3.5E-08        |
| 59                   | 641308.28 | 4290929.76 641308.28, 4290 | 3.4E-08 | 2.8E-09      | 4.2E-09     | 4.1E-08        |
| 60                   | 641348.28 | 4290929.76 641348.28, 4290 | 4.2E-08 | 3.3E-09      | 5.0E-09     | 5.0E-08        |
| 61                   | 641388.28 | 4290929.76 641388.28, 4290 | 5.1E-08 | 4.1E-09      | 6.1E-09     | 6.1E-08        |
| 62                   | 641428.28 | 4290929.76 641428.28, 4290 | 6.3E-08 | 5.0E-09      | 7.6E-09     | 7.6E-08        |
| 63                   | 641468.28 | 4290929.76 641468.28, 4290 | 7.8E-08 | 6.2E-09      | 9.4E-09     | 9.4E-08        |
| 64                   | 641508.28 | 4290929.76 641508.28, 4290 | 9.6E-08 | 7.6E-09      | 1.1E-08     | 1.2E-07        |
| 65                   | 641548.28 | 4290929.76 641548.28, 4290 | 1.2E-07 | 9.1E-09      | 1.4E-08     | 1.4E-07        |
| 66                   | 641588.28 | 4290929.76 641588.28, 4290 | 1.3E-07 | 1.0E-08      | 1.6E-08     | 1.6E-07        |
| 67                   | 641628.28 | 4290929.76 641628.28, 4290 | 1.5E-07 | 1.1E-08      | 1.7E-08     | 1.8E-07        |
| 68                   | 642188.28 | 4290929.76 642188.28, 4290 | 1.9E-08 | 1.6E-09      | 2.4E-09     | 2.3E-08        |
| 69                   | 642228.28 | 4290929.76 642228.28, 4290 | 1.7E-08 | 1.4E-09      | 2.2E-09     | 2.1E-08        |
| 70                   | 642268.28 | 4290929.76 642268.28, 4290 | 1.5E-08 | 1.3E-09      | 2.0E-09     | 1.9E-08        |
| 71                   | 642308.28 | 4290929.76 642308.28, 4290 | 1.4E-08 | 1.1E-09      | 1.8E-09     | 1.7E-08        |
| 72                   | 642348.28 | 4290929.76 642348.28, 4290 | 1.3E-08 | 1.0E-09      | 1.6E-09     | 1.5E-08        |
| 73                   | 642388.28 | 4290929.76 642388.28, 4290 | 1.2E-08 | 9.5E-10      | 1.5E-09     | 1.4E-08        |
| 74                   | 642428.28 | 4290929.76 642428.28, 4290 | 1.1E-08 | 8.7E-10      | 1.3E-09     | 1.3E-08        |
| 75                   | 641268.28 | 4290969.76 641268.28, 4290 | 3.0E-08 | 2.4E-09      | 3.6E-09     | 3.5E-08        |
| 76                   | 641308.28 | 4290969.76 641308.28, 4290 | 3.5E-08 | 2.8E-09      | 4.3E-09     | 4.2E-08        |
| 77                   | 641348.28 | 4290969.76 641348.28, 4290 | 4.2E-08 | 3.3E-09      | 5.1E-09     | 5.0E-08        |
| 78                   | 641388.28 | 4290969.76 641388.28, 4290 | 5.1E-08 | 4.0E-09      | 6.1E-09     | 6.1E-08        |



|     |           |            |                 |         |         |         |         |
|-----|-----------|------------|-----------------|---------|---------|---------|---------|
| 79  | 641428.28 | 4290969.76 | 641428.28, 4290 | 6.2E-08 | 4.9E-09 | 7.5E-09 | 7.4E-08 |
| 80  | 641468.28 | 4290969.76 | 641468.28, 4290 | 7.5E-08 | 5.9E-09 | 9.0E-09 | 9.0E-08 |
| 81  | 641508.28 | 4290969.76 | 641508.28, 4290 | 8.9E-08 | 7.0E-09 | 1.1E-08 | 1.1E-07 |
| 82  | 641548.28 | 4290969.76 | 641548.28, 4290 | 1.0E-07 | 8.1E-09 | 1.2E-08 | 1.2E-07 |
| 83  | 641588.28 | 4290969.76 | 641588.28, 4290 | 1.1E-07 | 9.0E-09 | 1.4E-08 | 1.4E-07 |
| 84  | 641628.28 | 4290969.76 | 641628.28, 4290 | 1.2E-07 | 9.5E-09 | 1.4E-08 | 1.5E-07 |
| 85  | 641668.28 | 4290969.76 | 641668.28, 4290 | 1.2E-07 | 9.6E-09 | 1.4E-08 | 1.5E-07 |
| 86  | 641708.28 | 4290969.76 | 641708.28, 4290 | 1.2E-07 | 9.3E-09 | 1.4E-08 | 1.4E-07 |
| 87  | 641748.28 | 4290969.76 | 641748.28, 4290 | 1.1E-07 | 8.5E-09 | 1.3E-08 | 1.3E-07 |
| 88  | 641788.28 | 4290969.76 | 641788.28, 4290 | 9.4E-08 | 7.4E-09 | 1.1E-08 | 1.1E-07 |
| 89  | 641828.28 | 4290969.76 | 641828.28, 4290 | 7.9E-08 | 6.3E-09 | 9.6E-09 | 9.5E-08 |
| 90  | 641868.28 | 4290969.76 | 641868.28, 4290 | 6.5E-08 | 5.3E-09 | 8.0E-09 | 7.8E-08 |
| 91  | 641908.28 | 4290969.76 | 641908.28, 4290 | 5.4E-08 | 4.4E-09 | 6.7E-09 | 6.5E-08 |
| 92  | 641948.28 | 4290969.76 | 641948.28, 4290 | 4.4E-08 | 3.6E-09 | 5.5E-09 | 5.4E-08 |
| 93  | 642188.28 | 4290969.76 | 642188.28, 4290 | 1.8E-08 | 1.5E-09 | 2.3E-09 | 2.2E-08 |
| 94  | 642228.28 | 4290969.76 | 642228.28, 4290 | 1.6E-08 | 1.4E-09 | 2.1E-09 | 2.0E-08 |
| 95  | 642268.28 | 4290969.76 | 642268.28, 4290 | 1.5E-08 | 1.2E-09 | 1.9E-09 | 1.8E-08 |
| 96  | 642308.28 | 4290969.76 | 642308.28, 4290 | 1.3E-08 | 1.1E-09 | 1.7E-09 | 1.6E-08 |
| 97  | 642348.28 | 4290969.76 | 642348.28, 4290 | 1.2E-08 | 1.0E-09 | 1.5E-09 | 1.5E-08 |
| 98  | 642388.28 | 4290969.76 | 642388.28, 4290 | 1.1E-08 | 9.2E-10 | 1.4E-09 | 1.4E-08 |
| 99  | 642428.28 | 4290969.76 | 642428.28, 4290 | 1.0E-08 | 8.4E-10 | 1.3E-09 | 1.2E-08 |
| 100 | 641268.28 | 4291009.76 | 641268.28, 4291 | 3.0E-08 | 2.4E-09 | 3.6E-09 | 3.6E-08 |
| 101 | 641308.28 | 4291009.76 | 641308.28, 4291 | 3.5E-08 | 2.8E-09 | 4.3E-09 | 4.2E-08 |
| 102 | 641348.28 | 4291009.76 | 641348.28, 4291 | 4.2E-08 | 3.4E-09 | 5.1E-09 | 5.0E-08 |
| 103 | 641388.28 | 4291009.76 | 641388.28, 4291 | 5.0E-08 | 4.0E-09 | 6.1E-09 | 6.0E-08 |
| 104 | 641428.28 | 4291009.76 | 641428.28, 4291 | 6.0E-08 | 4.8E-09 | 7.2E-09 | 7.2E-08 |
| 105 | 641468.28 | 4291009.76 | 641468.28, 4291 | 7.0E-08 | 5.6E-09 | 8.5E-09 | 8.4E-08 |
| 106 | 641508.28 | 4291009.76 | 641508.28, 4291 | 8.1E-08 | 6.4E-09 | 9.7E-09 | 9.7E-08 |
| 107 | 641548.28 | 4291009.76 | 641548.28, 4291 | 9.1E-08 | 7.2E-09 | 1.1E-08 | 1.1E-07 |
| 108 | 641588.28 | 4291009.76 | 641588.28, 4291 | 9.9E-08 | 7.8E-09 | 1.2E-08 | 1.2E-07 |
| 109 | 641628.28 | 4291009.76 | 641628.28, 4291 | 1.0E-07 | 8.1E-09 | 1.2E-08 | 1.2E-07 |
| 110 | 641668.28 | 4291009.76 | 641668.28, 4291 | 1.0E-07 | 8.1E-09 | 1.2E-08 | 1.2E-07 |
| 111 | 641708.28 | 4291009.76 | 641708.28, 4291 | 9.9E-08 | 7.8E-09 | 1.2E-08 | 1.2E-07 |
| 112 | 641748.28 | 4291009.76 | 641748.28, 4291 | 9.0E-08 | 7.1E-09 | 1.1E-08 | 1.1E-07 |
| 113 | 641788.28 | 4291009.76 | 641788.28, 4291 | 8.0E-08 | 6.3E-09 | 9.6E-09 | 9.6E-08 |
| 114 | 641828.28 | 4291009.76 | 641828.28, 4291 | 6.8E-08 | 5.5E-09 | 8.3E-09 | 8.2E-08 |
| 115 | 641868.28 | 4291009.76 | 641868.28, 4291 | 5.7E-08 | 4.6E-09 | 7.1E-09 | 6.9E-08 |
| 116 | 641908.28 | 4291009.76 | 641908.28, 4291 | 4.8E-08 | 3.9E-09 | 6.0E-09 | 5.8E-08 |
| 117 | 641948.28 | 4291009.76 | 641948.28, 4291 | 4.1E-08 | 3.3E-09 | 5.1E-09 | 4.9E-08 |
| 118 | 642188.28 | 4291009.76 | 642188.28, 4291 | 1.8E-08 | 1.4E-09 | 2.2E-09 | 2.1E-08 |
| 119 | 642228.28 | 4291009.76 | 642228.28, 4291 | 1.6E-08 | 1.3E-09 | 2.0E-09 | 1.9E-08 |
| 120 | 642268.28 | 4291009.76 | 642268.28, 4291 | 1.4E-08 | 1.2E-09 | 1.8E-09 | 1.7E-08 |
| 121 | 642308.28 | 4291009.76 | 642308.28, 4291 | 1.3E-08 | 1.1E-09 | 1.6E-09 | 1.6E-08 |
| 122 | 642348.28 | 4291009.76 | 642348.28, 4291 | 1.2E-08 | 9.7E-10 | 1.5E-09 | 1.4E-08 |
| 123 | 642388.28 | 4291009.76 | 642388.28, 4291 | 1.1E-08 | 8.8E-10 | 1.4E-09 | 1.3E-08 |
| 124 | 642428.28 | 4291009.76 | 642428.28, 4291 | 9.9E-09 | 8.1E-10 | 1.3E-09 | 1.2E-08 |
| 125 | 641268.28 | 4291049.76 | 641268.28, 4291 | 3.0E-08 | 2.4E-09 | 3.7E-09 | 3.6E-08 |
| 126 | 641308.28 | 4291049.76 | 641308.28, 4291 | 3.5E-08 | 2.8E-09 | 4.3E-09 | 4.2E-08 |
| 127 | 641348.28 | 4291049.76 | 641348.28, 4291 | 4.2E-08 | 3.3E-09 | 5.1E-09 | 5.0E-08 |
| 128 | 641388.28 | 4291049.76 | 641388.28, 4291 | 4.9E-08 | 3.9E-09 | 5.9E-09 | 5.9E-08 |
| 129 | 641428.28 | 4291049.76 | 641428.28, 4291 | 5.7E-08 | 4.5E-09 | 6.9E-09 | 6.8E-08 |
| 130 | 641468.28 | 4291049.76 | 641468.28, 4291 | 6.5E-08 | 5.2E-09 | 7.9E-09 | 7.8E-08 |
| 131 | 641508.28 | 4291049.76 | 641508.28, 4291 | 7.3E-08 | 5.8E-09 | 8.9E-09 | 8.8E-08 |
| 132 | 641548.28 | 4291049.76 | 641548.28, 4291 | 8.0E-08 | 6.4E-09 | 9.6E-09 | 9.6E-08 |
| 133 | 641588.28 | 4291049.76 | 641588.28, 4291 | 8.5E-08 | 6.7E-09 | 1.0E-08 | 1.0E-07 |
| 134 | 641628.28 | 4291049.76 | 641628.28, 4291 | 8.8E-08 | 6.9E-09 | 1.0E-08 | 1.1E-07 |
| 135 | 641668.28 | 4291049.76 | 641668.28, 4291 | 8.7E-08 | 6.9E-09 | 1.0E-08 | 1.0E-07 |
| 136 | 641708.28 | 4291049.76 | 641708.28, 4291 | 8.3E-08 | 6.6E-09 | 9.9E-09 | 1.0E-07 |
| 137 | 641748.28 | 4291049.76 | 641748.28, 4291 | 7.7E-08 | 6.1E-09 | 9.2E-09 | 9.2E-08 |
| 138 | 641788.28 | 4291049.76 | 641788.28, 4291 | 6.8E-08 | 5.5E-09 | 8.3E-09 | 8.2E-08 |
| 139 | 641828.28 | 4291049.76 | 641828.28, 4291 | 6.0E-08 | 4.8E-09 | 7.3E-09 | 7.2E-08 |
| 140 | 641868.28 | 4291049.76 | 641868.28, 4291 | 5.1E-08 | 4.1E-09 | 6.3E-09 | 6.2E-08 |
| 141 | 641908.28 | 4291049.76 | 641908.28, 4291 | 4.4E-08 | 3.5E-09 | 5.4E-09 | 5.3E-08 |
| 142 | 641948.28 | 4291049.76 | 641948.28, 4291 | 3.7E-08 | 3.0E-09 | 4.6E-09 | 4.5E-08 |
| 143 | 642188.28 | 4291049.76 | 642188.28, 4291 | 1.7E-08 | 1.4E-09 | 2.1E-09 | 2.0E-08 |
| 144 | 642228.28 | 4291049.76 | 642228.28, 4291 | 1.5E-08 | 1.2E-09 | 1.9E-09 | 1.8E-08 |
| 145 | 642268.28 | 4291049.76 | 642268.28, 4291 | 1.4E-08 | 1.1E-09 | 1.7E-09 | 1.7E-08 |
| 146 | 642308.28 | 4291049.76 | 642308.28, 4291 | 1.2E-08 | 1.0E-09 | 1.6E-09 | 1.5E-08 |
| 147 | 642348.28 | 4291049.76 | 642348.28, 4291 | 1.1E-08 | 9.3E-10 | 1.4E-09 | 1.4E-08 |
| 148 | 642388.28 | 4291049.76 | 642388.28, 4291 | 1.0E-08 | 8.6E-10 | 1.3E-09 | 1.3E-08 |
| 149 | 642428.28 | 4291049.76 | 642428.28, 4291 | 9.6E-09 | 7.9E-10 | 1.2E-09 | 1.2E-08 |
| 150 | 641268.28 | 4291089.76 | 641268.28, 4291 | 3.0E-08 | 2.4E-09 | 3.7E-09 | 3.6E-08 |
| 151 | 641308.28 | 4291089.76 | 641308.28, 4291 | 3.5E-08 | 2.8E-09 | 4.3E-09 | 4.2E-08 |
| 152 | 641348.28 | 4291089.76 | 641348.28, 4291 | 4.1E-08 | 3.3E-09 | 5.0E-09 | 4.9E-08 |
| 153 | 641388.28 | 4291089.76 | 641388.28, 4291 | 4.7E-08 | 3.8E-09 | 5.7E-09 | 5.6E-08 |
| 154 | 641428.28 | 4291089.76 | 641428.28, 4291 | 5.4E-08 | 4.3E-09 | 6.5E-09 | 6.4E-08 |
| 155 | 641468.28 | 4291089.76 | 641468.28, 4291 | 6.0E-08 | 4.8E-09 | 7.3E-09 | 7.2E-08 |
| 156 | 641508.28 | 4291089.76 | 641508.28, 4291 | 6.6E-08 | 5.3E-09 | 8.0E-09 | 8.0E-08 |
| 157 | 641548.28 | 4291089.76 | 641548.28, 4291 | 7.1E-08 | 5.7E-09 | 8.6E-09 | 8.6E-08 |
| 158 | 641588.28 | 4291089.76 | 641588.28, 4291 | 7.5E-08 | 5.9E-09 | 8.9E-09 | 8.9E-08 |
| 159 | 641628.28 | 4291089.76 | 641628.28, 4291 | 7.6E-08 | 6.0E-09 | 9.0E-09 | 9.1E-08 |
| 160 | 641668.28 | 4291089.76 | 641668.28, 4291 | 7.5E-08 | 5.9E-09 | 8.9E-09 | 8.9E-08 |
| 161 | 641708.28 | 4291089.76 | 641708.28, 4291 | 7.1E-08 | 5.7E-09 | 8.6E-09 | 8.6E-08 |
| 162 | 641748.28 | 4291089.76 | 641748.28, 4291 | 6.6E-08 | 5.3E-09 | 8.0E-09 | 7.9E-08 |
| 163 | 641788.28 | 4291089.76 | 641788.28, 4291 | 5.9E-08 | 4.8E-09 | 7.2E-09 | 7.1E-08 |
| 164 | 641828.28 | 4291089.76 | 641828.28, 4291 | 5.2E-08 | 4.2E-09 | 6.4E-09 | 6.3E-08 |
| 165 | 641868.28 | 4291089.76 | 641868.28, 4291 | 4.6E-08 | 3.7E-09 | 5.6E-09 | 5.5E-08 |
| 166 | 641908.28 | 4291089.76 | 641908.28, 4291 | 4.0E-08 | 3.2E-09 | 4.9E-09 | 4.8E-08 |
| 167 | 641948.28 | 4291089.76 | 641948.28, 4291 | 3.4E-08 | 2.8E-09 | 4.3E-09 | 4.1E-08 |



|     |           |            |                 |         |         |         |         |
|-----|-----------|------------|-----------------|---------|---------|---------|---------|
| 168 | 641988.28 | 4291089.76 | 641988.28, 4291 | 3.0E-08 | 2.4E-09 | 3.7E-09 | 3.6E-08 |
| 169 | 642028.28 | 4291089.76 | 642028.28, 4291 | 2.6E-08 | 2.1E-09 | 3.2E-09 | 3.1E-08 |
| 170 | 642068.28 | 4291089.76 | 642068.28, 4291 | 2.3E-08 | 1.8E-09 | 2.8E-09 | 2.7E-08 |
| 171 | 642108.28 | 4291089.76 | 642108.28, 4291 | 2.0E-08 | 1.6E-09 | 2.5E-09 | 2.4E-08 |
| 172 | 642148.28 | 4291089.76 | 642148.28, 4291 | 1.8E-08 | 1.5E-09 | 2.2E-09 | 2.2E-08 |
| 173 | 641268.28 | 4291129.76 | 641268.28, 4291 | 3.0E-08 | 2.4E-09 | 3.7E-09 | 3.6E-08 |
| 174 | 641308.28 | 4291129.76 | 641308.28, 4291 | 3.4E-08 | 2.8E-09 | 4.2E-09 | 4.1E-08 |
| 175 | 641348.28 | 4291129.76 | 641348.28, 4291 | 3.9E-08 | 3.2E-09 | 4.8E-09 | 4.7E-08 |
| 176 | 641388.28 | 4291129.76 | 641388.28, 4291 | 4.5E-08 | 3.6E-09 | 5.5E-09 | 5.4E-08 |
| 177 | 641428.28 | 4291129.76 | 641428.28, 4291 | 5.0E-08 | 4.0E-09 | 6.1E-09 | 6.0E-08 |
| 178 | 641468.28 | 4291129.76 | 641468.28, 4291 | 5.5E-08 | 4.4E-09 | 6.8E-09 | 6.7E-08 |
| 179 | 641508.28 | 4291129.76 | 641508.28, 4291 | 6.0E-08 | 4.8E-09 | 7.3E-09 | 7.2E-08 |
| 180 | 641548.28 | 4291129.76 | 641548.28, 4291 | 6.3E-08 | 5.0E-09 | 7.7E-09 | 7.6E-08 |
| 181 | 641588.28 | 4291129.76 | 641588.28, 4291 | 6.5E-08 | 5.2E-09 | 7.9E-09 | 7.8E-08 |
| 182 | 641628.28 | 4291129.76 | 641628.28, 4291 | 6.6E-08 | 5.2E-09 | 7.9E-09 | 7.9E-08 |
| 183 | 641668.28 | 4291129.76 | 641668.28, 4291 | 6.5E-08 | 5.1E-09 | 7.8E-09 | 7.8E-08 |
| 184 | 641708.28 | 4291129.76 | 641708.28, 4291 | 6.2E-08 | 4.9E-09 | 7.5E-09 | 7.4E-08 |
| 185 | 641748.28 | 4291129.76 | 641748.28, 4291 | 5.7E-08 | 4.6E-09 | 7.0E-09 | 6.9E-08 |
| 186 | 641788.28 | 4291129.76 | 641788.28, 4291 | 5.2E-08 | 4.2E-09 | 6.4E-09 | 6.3E-08 |
| 187 | 641828.28 | 4291129.76 | 641828.28, 4291 | 4.7E-08 | 3.7E-09 | 5.7E-09 | 5.6E-08 |
| 188 | 641868.28 | 4291129.76 | 641868.28, 4291 | 4.1E-08 | 3.3E-09 | 5.1E-09 | 5.0E-08 |
| 189 | 641908.28 | 4291129.76 | 641908.28, 4291 | 3.6E-08 | 2.9E-09 | 4.5E-09 | 4.3E-08 |
| 190 | 641948.28 | 4291129.76 | 641948.28, 4291 | 3.1E-08 | 2.6E-09 | 3.9E-09 | 3.8E-08 |
| 191 | 641988.28 | 4291129.76 | 641988.28, 4291 | 2.7E-08 | 2.2E-09 | 3.4E-09 | 3.3E-08 |
| 192 | 642028.28 | 4291129.76 | 642028.28, 4291 | 2.4E-08 | 2.0E-09 | 3.0E-09 | 2.9E-08 |
| 193 | 642068.28 | 4291129.76 | 642068.28, 4291 | 2.1E-08 | 1.7E-09 | 2.7E-09 | 2.6E-08 |
| 194 | 642108.28 | 4291129.76 | 642108.28, 4291 | 1.9E-08 | 1.5E-09 | 2.4E-09 | 2.3E-08 |
| 195 | 642148.28 | 4291129.76 | 642148.28, 4291 | 1.7E-08 | 1.4E-09 | 2.1E-09 | 2.1E-08 |
| 196 | 641374.56 | 4290226.75 | 641374.56, 4290 | 2.2E-08 | 1.8E-09 | 2.9E-09 | 2.7E-08 |
| 197 | 641414.56 | 4290226.75 | 641414.56, 4290 | 2.5E-08 | 2.1E-09 | 3.2E-09 | 3.0E-08 |
| 198 | 641454.56 | 4290226.75 | 641454.56, 4290 | 2.7E-08 | 2.3E-09 | 3.6E-09 | 3.3E-08 |
| 199 | 641494.56 | 4290226.75 | 641494.56, 4290 | 3.0E-08 | 2.6E-09 | 4.0E-09 | 3.7E-08 |
| 200 | 641534.56 | 4290226.75 | 641534.56, 4290 | 3.3E-08 | 2.8E-09 | 4.4E-09 | 4.1E-08 |
| 201 | 641574.56 | 4290226.75 | 641574.56, 4290 | 3.7E-08 | 3.1E-09 | 4.9E-09 | 4.5E-08 |
| 202 | 641614.56 | 4290226.75 | 641614.56, 4290 | 4.0E-08 | 3.5E-09 | 5.4E-09 | 4.9E-08 |
| 203 | 641654.56 | 4290226.75 | 641654.56, 4290 | 4.4E-08 | 3.8E-09 | 6.0E-09 | 5.4E-08 |
| 204 | 641694.56 | 4290226.75 | 641694.56, 4290 | 4.8E-08 | 4.2E-09 | 6.6E-09 | 5.9E-08 |
| 205 | 641734.56 | 4290226.75 | 641734.56, 4290 | 5.2E-08 | 4.5E-09 | 7.1E-09 | 6.4E-08 |
| 206 | 641774.56 | 4290226.75 | 641774.56, 4290 | 5.7E-08 | 4.9E-09 | 7.8E-09 | 7.0E-08 |
| 207 | 641814.56 | 4290226.75 | 641814.56, 4290 | 6.3E-08 | 5.5E-09 | 8.7E-09 | 7.7E-08 |
| 208 | 641854.56 | 4290226.75 | 641854.56, 4290 | 6.9E-08 | 6.1E-09 | 9.6E-09 | 8.4E-08 |
| 209 | 641894.56 | 4290226.75 | 641894.56, 4290 | 7.1E-08 | 6.3E-09 | 1.0E-08 | 8.8E-08 |
| 210 | 641934.56 | 4290226.75 | 641934.56, 4290 | 6.9E-08 | 6.1E-09 | 9.8E-09 | 8.5E-08 |
| 211 | 641974.56 | 4290226.75 | 641974.56, 4290 | 6.4E-08 | 5.6E-09 | 8.9E-09 | 7.8E-08 |
| 212 | 642014.56 | 4290226.75 | 642014.56, 4290 | 5.6E-08 | 4.9E-09 | 7.8E-09 | 6.9E-08 |
| 213 | 642054.56 | 4290226.75 | 642054.56, 4290 | 4.9E-08 | 4.3E-09 | 6.7E-09 | 6.0E-08 |
| 214 | 642094.56 | 4290226.75 | 642094.56, 4290 | 4.3E-08 | 3.7E-09 | 5.8E-09 | 5.2E-08 |
| 215 | 642134.56 | 4290226.75 | 642134.56, 4290 | 3.7E-08 | 3.1E-09 | 4.9E-09 | 4.5E-08 |
| 216 | 642174.56 | 4290226.75 | 642174.56, 4290 | 3.2E-08 | 2.7E-09 | 4.2E-09 | 3.9E-08 |
| 217 | 642214.56 | 4290226.75 | 642214.56, 4290 | 2.8E-08 | 2.3E-09 | 3.6E-09 | 3.4E-08 |
| 218 | 642254.56 | 4290226.75 | 642254.56, 4290 | 2.4E-08 | 2.0E-09 | 3.2E-09 | 2.9E-08 |
| 219 | 642294.56 | 4290226.75 | 642294.56, 4290 | 2.1E-08 | 1.8E-09 | 2.8E-09 | 2.6E-08 |
| 220 | 642334.56 | 4290226.75 | 642334.56, 4290 | 1.9E-08 | 1.6E-09 | 2.4E-09 | 2.3E-08 |
| 221 | 642374.56 | 4290226.75 | 642374.56, 4290 | 1.7E-08 | 1.4E-09 | 2.1E-09 | 2.0E-08 |
| 222 | 642414.56 | 4290226.75 | 642414.56, 4290 | 1.5E-08 | 1.2E-09 | 1.9E-09 | 1.8E-08 |
| 223 | 642454.56 | 4290226.75 | 642454.56, 4290 | 1.3E-08 | 1.1E-09 | 1.7E-09 | 1.6E-08 |
| 224 | 642494.56 | 4290226.75 | 642494.56, 4290 | 1.2E-08 | 1.0E-09 | 1.5E-09 | 1.5E-08 |
| 225 | 642534.56 | 4290226.75 | 642534.56, 4290 | 1.1E-08 | 9.0E-10 | 1.4E-09 | 1.3E-08 |
| 226 | 642574.56 | 4290226.75 | 642574.56, 4290 | 1.0E-08 | 8.2E-10 | 1.3E-09 | 1.2E-08 |
| 227 | 642614.56 | 4290226.75 | 642614.56, 4290 | 9.1E-09 | 7.5E-10 | 1.2E-09 | 1.1E-08 |
| 228 | 641374.56 | 4290266.75 | 641374.56, 4290 | 2.4E-08 | 2.0E-09 | 3.1E-09 | 2.9E-08 |
| 229 | 641414.56 | 4290266.75 | 641414.56, 4290 | 2.7E-08 | 2.3E-09 | 3.5E-09 | 3.3E-08 |
| 230 | 641454.56 | 4290266.75 | 641454.56, 4290 | 3.0E-08 | 2.6E-09 | 4.0E-09 | 3.7E-08 |
| 231 | 641494.56 | 4290266.75 | 641494.56, 4290 | 3.4E-08 | 2.9E-09 | 4.5E-09 | 4.2E-08 |
| 232 | 641534.56 | 4290266.75 | 641534.56, 4290 | 3.8E-08 | 3.3E-09 | 5.1E-09 | 4.7E-08 |
| 233 | 641574.56 | 4290266.75 | 641574.56, 4290 | 4.3E-08 | 3.7E-09 | 5.8E-09 | 5.2E-08 |
| 234 | 641614.56 | 4290266.75 | 641614.56, 4290 | 4.8E-08 | 4.1E-09 | 6.5E-09 | 5.9E-08 |
| 235 | 641654.56 | 4290266.75 | 641654.56, 4290 | 5.3E-08 | 4.6E-09 | 7.3E-09 | 6.5E-08 |
| 236 | 641694.56 | 4290266.75 | 641694.56, 4290 | 5.9E-08 | 5.1E-09 | 8.1E-09 | 7.2E-08 |
| 237 | 641734.56 | 4290266.75 | 641734.56, 4290 | 6.4E-08 | 5.6E-09 | 8.9E-09 | 7.9E-08 |
| 238 | 641774.56 | 4290266.75 | 641774.56, 4290 | 7.2E-08 | 6.3E-09 | 9.9E-09 | 8.8E-08 |
| 239 | 641814.56 | 4290266.75 | 641814.56, 4290 | 8.0E-08 | 7.1E-09 | 1.1E-08 | 9.8E-08 |
| 240 | 641854.56 | 4290266.75 | 641854.56, 4290 | 8.6E-08 | 7.7E-09 | 1.2E-08 | 1.1E-07 |
| 241 | 641894.56 | 4290266.75 | 641894.56, 4290 | 8.7E-08 | 7.8E-09 | 1.2E-08 | 1.1E-07 |
| 242 | 641934.56 | 4290266.75 | 641934.56, 4290 | 8.1E-08 | 7.2E-09 | 1.2E-08 | 1.0E-07 |
| 243 | 641974.56 | 4290266.75 | 641974.56, 4290 | 7.2E-08 | 6.3E-09 | 1.0E-08 | 8.8E-08 |
| 244 | 642014.56 | 4290266.75 | 642014.56, 4290 | 6.2E-08 | 5.4E-09 | 8.5E-09 | 7.6E-08 |
| 245 | 642054.56 | 4290266.75 | 642054.56, 4290 | 5.2E-08 | 4.5E-09 | 7.1E-09 | 6.4E-08 |
| 246 | 642094.56 | 4290266.75 | 642094.56, 4290 | 4.4E-08 | 3.8E-09 | 6.0E-09 | 5.4E-08 |
| 247 | 642134.56 | 4290266.75 | 642134.56, 4290 | 3.8E-08 | 3.2E-09 | 5.0E-09 | 4.6E-08 |
| 248 | 642174.56 | 4290266.75 | 642174.56, 4290 | 3.2E-08 | 2.7E-09 | 4.3E-09 | 3.9E-08 |
| 249 | 642214.56 | 4290266.75 | 642214.56, 4290 | 2.8E-08 | 2.3E-09 | 3.6E-09 | 3.4E-08 |
| 250 | 642254.56 | 4290266.75 | 642254.56, 4290 | 2.4E-08 | 2.0E-09 | 3.1E-09 | 2.9E-08 |
| 251 | 642294.56 | 4290266.75 | 642294.56, 4290 | 2.1E-08 | 1.8E-09 | 2.7E-09 | 2.5E-08 |
| 252 | 642334.56 | 4290266.75 | 642334.56, 4290 | 1.9E-08 | 1.5E-09 | 2.4E-09 | 2.2E-08 |
| 253 | 642374.56 | 4290266.75 | 642374.56, 4290 | 1.6E-08 | 1.4E-09 | 2.1E-09 | 2.0E-08 |
| 254 | 642414.56 | 4290266.75 | 642414.56, 4290 | 1.5E-08 | 1.2E-09 | 1.9E-09 | 1.8E-08 |
| 255 | 642454.56 | 4290266.75 | 642454.56, 4290 | 1.3E-08 | 1.1E-09 | 1.7E-09 | 1.6E-08 |
| 256 | 642494.56 | 4290266.75 | 642494.56, 4290 | 1.2E-08 | 9.8E-10 | 1.5E-09 | 1.4E-08 |

|     |           |            |                 |         |         |         |         |
|-----|-----------|------------|-----------------|---------|---------|---------|---------|
| 257 | 642534.56 | 4290266.75 | 642534.56, 4290 | 1.1E-08 | 8.9E-10 | 1.4E-09 | 1.3E-08 |
| 258 | 642574.56 | 4290266.75 | 642574.56, 4290 | 9.8E-09 | 8.1E-10 | 1.2E-09 | 1.2E-08 |
| 259 | 642614.56 | 4290266.75 | 642614.56, 4290 | 9.0E-09 | 7.4E-10 | 1.1E-09 | 1.1E-08 |
| 260 | 641374.56 | 4290306.75 | 641374.56, 4290 | 2.6E-08 | 2.2E-09 | 3.4E-09 | 3.2E-08 |
| 261 | 641414.56 | 4290306.75 | 641414.56, 4290 | 3.0E-08 | 2.5E-09 | 3.9E-09 | 3.6E-08 |
| 262 | 641454.56 | 4290306.75 | 641454.56, 4290 | 3.4E-08 | 2.9E-09 | 4.5E-09 | 4.1E-08 |
| 263 | 641494.56 | 4290306.75 | 641494.56, 4290 | 3.9E-08 | 3.3E-09 | 5.2E-09 | 4.7E-08 |
| 264 | 641534.56 | 4290306.75 | 641534.56, 4290 | 4.5E-08 | 3.8E-09 | 6.0E-09 | 5.4E-08 |
| 265 | 641574.56 | 4290306.75 | 641574.56, 4290 | 5.1E-08 | 4.4E-09 | 6.9E-09 | 6.2E-08 |
| 266 | 641614.56 | 4290306.75 | 641614.56, 4290 | 5.8E-08 | 5.0E-09 | 7.9E-09 | 7.1E-08 |
| 267 | 641654.56 | 4290306.75 | 641654.56, 4290 | 6.6E-08 | 5.7E-09 | 9.0E-09 | 8.0E-08 |
| 268 | 641694.56 | 4290306.75 | 641694.56, 4290 | 7.4E-08 | 6.5E-09 | 1.0E-08 | 9.0E-08 |
| 269 | 641734.56 | 4290306.75 | 641734.56, 4290 | 8.2E-08 | 7.2E-09 | 1.1E-08 | 1.0E-07 |
| 270 | 641774.56 | 4290306.75 | 641774.56, 4290 | 9.3E-08 | 8.2E-09 | 1.3E-08 | 1.1E-07 |
| 271 | 641814.56 | 4290306.75 | 641814.56, 4290 | 1.0E-07 | 9.4E-09 | 1.5E-08 | 1.3E-07 |
| 272 | 641854.56 | 4290306.75 | 641854.56, 4290 | 1.1E-07 | 1.0E-08 | 1.6E-08 | 1.4E-07 |
| 273 | 641894.56 | 4290306.75 | 641894.56, 4290 | 1.1E-07 | 9.6E-09 | 1.5E-08 | 1.3E-07 |
| 274 | 641934.56 | 4290306.75 | 641934.56, 4290 | 9.4E-08 | 8.4E-09 | 1.3E-08 | 1.2E-07 |
| 275 | 641974.56 | 4290306.75 | 641974.56, 4290 | 8.0E-08 | 7.0E-09 | 1.1E-08 | 9.8E-08 |
| 276 | 642014.56 | 4290306.75 | 642014.56, 4290 | 6.6E-08 | 5.8E-09 | 9.1E-09 | 8.1E-08 |
| 277 | 642054.56 | 4290306.75 | 642054.56, 4290 | 5.5E-08 | 4.7E-09 | 7.4E-09 | 6.7E-08 |
| 278 | 642094.56 | 4290306.75 | 642094.56, 4290 | 4.6E-08 | 3.9E-09 | 6.1E-09 | 5.6E-08 |
| 279 | 642134.56 | 4290306.75 | 642134.56, 4290 | 3.8E-08 | 3.2E-09 | 5.0E-09 | 4.7E-08 |
| 280 | 642174.56 | 4290306.75 | 642174.56, 4290 | 3.2E-08 | 2.7E-09 | 4.2E-09 | 3.9E-08 |
| 281 | 642214.56 | 4290306.75 | 642214.56, 4290 | 2.8E-08 | 2.3E-09 | 3.6E-09 | 3.3E-08 |
| 282 | 642254.56 | 4290306.75 | 642254.56, 4290 | 2.4E-08 | 2.0E-09 | 3.1E-09 | 2.9E-08 |
| 283 | 642294.56 | 4290306.75 | 642294.56, 4290 | 2.1E-08 | 1.7E-09 | 2.7E-09 | 2.5E-08 |
| 284 | 642334.56 | 4290306.75 | 642334.56, 4290 | 1.8E-08 | 1.5E-09 | 2.3E-09 | 2.2E-08 |
| 285 | 642374.56 | 4290306.75 | 642374.56, 4290 | 1.6E-08 | 1.3E-09 | 2.0E-09 | 1.9E-08 |
| 286 | 642414.56 | 4290306.75 | 642414.56, 4290 | 1.4E-08 | 1.2E-09 | 1.8E-09 | 1.7E-08 |
| 287 | 642454.56 | 4290306.75 | 642454.56, 4290 | 1.3E-08 | 1.1E-09 | 1.6E-09 | 1.6E-08 |
| 288 | 642494.56 | 4290306.75 | 642494.56, 4290 | 1.2E-08 | 9.6E-10 | 1.5E-09 | 1.4E-08 |
| 289 | 642534.56 | 4290306.75 | 642534.56, 4290 | 1.1E-08 | 8.7E-10 | 1.3E-09 | 1.3E-08 |
| 290 | 642574.56 | 4290306.75 | 642574.56, 4290 | 9.6E-09 | 8.0E-10 | 1.2E-09 | 1.2E-08 |
| 291 | 642614.56 | 4290306.75 | 642614.56, 4290 | 8.7E-09 | 7.2E-10 | 1.1E-09 | 1.1E-08 |
| 292 | 641374.56 | 4290346.75 | 641374.56, 4290 | 2.8E-08 | 2.3E-09 | 3.6E-09 | 3.4E-08 |
| 293 | 641414.56 | 4290346.75 | 641414.56, 4290 | 3.3E-08 | 2.7E-09 | 4.2E-09 | 4.0E-08 |
| 294 | 641454.56 | 4290346.75 | 641454.56, 4290 | 3.8E-08 | 3.2E-09 | 5.0E-09 | 4.6E-08 |
| 295 | 641494.56 | 4290346.75 | 641494.56, 4290 | 4.5E-08 | 3.8E-09 | 5.9E-09 | 5.4E-08 |
| 296 | 641534.56 | 4290346.75 | 641534.56, 4290 | 5.2E-08 | 4.5E-09 | 7.0E-09 | 6.4E-08 |
| 297 | 641574.56 | 4290346.75 | 641574.56, 4290 | 6.1E-08 | 5.3E-09 | 8.3E-09 | 7.5E-08 |
| 298 | 641614.56 | 4290346.75 | 641614.56, 4290 | 7.1E-08 | 6.2E-09 | 9.8E-09 | 8.7E-08 |
| 299 | 641654.56 | 4290346.75 | 641654.56, 4290 | 8.3E-08 | 7.3E-09 | 1.2E-08 | 1.0E-07 |
| 300 | 641694.56 | 4290346.75 | 641694.56, 4290 | 9.5E-08 | 8.5E-09 | 1.3E-08 | 1.2E-07 |
| 301 | 641734.56 | 4290346.75 | 641734.56, 4290 | 1.1E-07 | 9.7E-09 | 1.5E-08 | 1.3E-07 |
| 302 | 641774.56 | 4290346.75 | 641774.56, 4290 | 1.3E-07 | 1.1E-08 | 1.8E-08 | 1.5E-07 |
| 303 | 641814.56 | 4290346.75 | 641814.56, 4290 | 1.4E-07 | 1.3E-08 | 2.1E-08 | 1.8E-07 |
| 304 | 641854.56 | 4290346.75 | 641854.56, 4290 | 1.4E-07 | 1.3E-08 | 2.1E-08 | 1.8E-07 |
| 305 | 641894.56 | 4290346.75 | 641894.56, 4290 | 1.3E-07 | 1.2E-08 | 1.9E-08 | 1.6E-07 |
| 306 | 641934.56 | 4290346.75 | 641934.56, 4290 | 1.1E-07 | 9.6E-09 | 1.5E-08 | 1.3E-07 |
| 307 | 641974.56 | 4290346.75 | 641974.56, 4290 | 8.7E-08 | 7.6E-09 | 1.2E-08 | 1.1E-07 |
| 308 | 642014.56 | 4290346.75 | 642014.56, 4290 | 7.0E-08 | 6.0E-09 | 9.5E-09 | 8.5E-08 |
| 309 | 642054.56 | 4290346.75 | 642054.56, 4290 | 5.6E-08 | 4.8E-09 | 7.5E-09 | 6.9E-08 |
| 310 | 642094.56 | 4290346.75 | 642094.56, 4290 | 4.6E-08 | 3.9E-09 | 6.1E-09 | 5.6E-08 |
| 311 | 642134.56 | 4290346.75 | 642134.56, 4290 | 3.8E-08 | 3.2E-09 | 5.0E-09 | 4.6E-08 |
| 312 | 642174.56 | 4290346.75 | 642174.56, 4290 | 3.2E-08 | 2.7E-09 | 4.1E-09 | 3.9E-08 |
| 313 | 642214.56 | 4290346.75 | 642214.56, 4290 | 2.7E-08 | 2.3E-09 | 3.5E-09 | 3.3E-08 |
| 314 | 642254.56 | 4290346.75 | 642254.56, 4290 | 2.3E-08 | 1.9E-09 | 3.0E-09 | 2.8E-08 |
| 315 | 642294.56 | 4290346.75 | 642294.56, 4290 | 2.0E-08 | 1.7E-09 | 2.6E-09 | 2.4E-08 |
| 316 | 642334.56 | 4290346.75 | 642334.56, 4290 | 1.8E-08 | 1.5E-09 | 2.3E-09 | 2.1E-08 |
| 317 | 642374.56 | 4290346.75 | 642374.56, 4290 | 1.6E-08 | 1.3E-09 | 2.0E-09 | 1.9E-08 |
| 318 | 642414.56 | 4290346.75 | 642414.56, 4290 | 1.4E-08 | 1.2E-09 | 1.8E-09 | 1.7E-08 |
| 319 | 642454.56 | 4290346.75 | 642454.56, 4290 | 1.3E-08 | 1.0E-09 | 1.6E-09 | 1.5E-08 |
| 320 | 642494.56 | 4290346.75 | 642494.56, 4290 | 1.1E-08 | 9.4E-10 | 1.5E-09 | 1.4E-08 |
| 321 | 642534.56 | 4290346.75 | 642534.56, 4290 | 1.0E-08 | 8.6E-10 | 1.3E-09 | 1.3E-08 |
| 322 | 642574.56 | 4290346.75 | 642574.56, 4290 | 9.5E-09 | 7.8E-10 | 1.2E-09 | 1.1E-08 |
| 323 | 642614.56 | 4290346.75 | 642614.56, 4290 | 8.5E-09 | 7.0E-10 | 1.1E-09 | 1.0E-08 |
| 324 | 641374.56 | 4290386.75 | 641374.56, 4290 | 3.0E-08 | 2.5E-09 | 3.9E-09 | 3.7E-08 |
| 325 | 641414.56 | 4290386.75 | 641414.56, 4290 | 3.6E-08 | 3.0E-09 | 4.6E-09 | 4.3E-08 |
| 326 | 641454.56 | 4290386.75 | 641454.56, 4290 | 4.2E-08 | 3.5E-09 | 5.5E-09 | 5.1E-08 |
| 327 | 641494.56 | 4290386.75 | 641494.56, 4290 | 5.1E-08 | 4.3E-09 | 6.6E-09 | 6.2E-08 |
| 328 | 641534.56 | 4290386.75 | 641534.56, 4290 | 6.1E-08 | 5.2E-09 | 8.1E-09 | 7.4E-08 |
| 329 | 641574.56 | 4290386.75 | 641574.56, 4290 | 7.4E-08 | 6.4E-09 | 1.0E-08 | 9.1E-08 |
| 330 | 641614.56 | 4290386.75 | 641614.56, 4290 | 9.0E-08 | 7.8E-09 | 1.2E-08 | 1.1E-07 |
| 331 | 641654.56 | 4290386.75 | 641654.56, 4290 | 1.1E-07 | 9.6E-09 | 1.5E-08 | 1.3E-07 |
| 332 | 641694.56 | 4290386.75 | 641694.56, 4290 | 1.3E-07 | 1.2E-08 | 1.8E-08 | 1.6E-07 |
| 333 | 641734.56 | 4290386.75 | 641734.56, 4290 | 1.5E-07 | 1.4E-08 | 2.2E-08 | 1.9E-07 |
| 334 | 641774.56 | 4290386.75 | 641774.56, 4290 | 1.8E-07 | 1.7E-08 | 2.7E-08 | 2.2E-07 |
| 335 | 641814.56 | 4290386.75 | 641814.56, 4290 | 2.0E-07 | 1.9E-08 | 3.1E-08 | 2.5E-07 |
| 336 | 641854.56 | 4290386.75 | 641854.56, 4290 | 1.9E-07 | 1.8E-08 | 2.9E-08 | 2.4E-07 |
| 337 | 641894.56 | 4290386.75 | 641894.56, 4290 | 1.5E-07 | 1.4E-08 | 2.3E-08 | 1.9E-07 |
| 338 | 641934.56 | 4290386.75 | 641934.56, 4290 | 1.2E-07 | 1.1E-08 | 1.7E-08 | 1.5E-07 |
| 339 | 641974.56 | 4290386.75 | 641974.56, 4290 | 9.2E-08 | 8.0E-09 | 1.3E-08 | 1.1E-07 |
| 340 | 642014.56 | 4290386.75 | 642014.56, 4290 | 7.2E-08 | 6.1E-09 | 9.6E-09 | 8.7E-08 |
| 341 | 642054.56 | 4290386.75 | 642054.56, 4290 | 5.7E-08 | 4.8E-09 | 7.5E-09 | 6.9E-08 |
| 342 | 642094.56 | 4290386.75 | 642094.56, 4290 | 4.6E-08 | 3.8E-09 | 6.0E-09 | 5.5E-08 |
| 343 | 642134.56 | 4290386.75 | 642134.56, 4290 | 3.7E-08 | 3.1E-09 | 4.8E-09 | 4.5E-08 |
| 344 | 642174.56 | 4290386.75 | 642174.56, 4290 | 3.1E-08 | 2.6E-09 | 4.0E-09 | 3.8E-08 |
| 345 | 642214.56 | 4290386.75 | 642214.56, 4290 | 2.6E-08 | 2.2E-09 | 3.4E-09 | 3.2E-08 |

|     |           |            |                 |         |         |         |         |
|-----|-----------|------------|-----------------|---------|---------|---------|---------|
| 346 | 642254.56 | 4290386.75 | 642254.56, 4290 | 2.3E-08 | 1.9E-09 | 2.9E-09 | 2.8E-08 |
| 347 | 642294.56 | 4290386.75 | 642294.56, 4290 | 2.0E-08 | 1.6E-09 | 2.5E-09 | 2.4E-08 |
| 348 | 642334.56 | 4290386.75 | 642334.56, 4290 | 1.7E-08 | 1.4E-09 | 2.2E-09 | 2.1E-08 |
| 349 | 642374.56 | 4290386.75 | 642374.56, 4290 | 1.5E-08 | 1.3E-09 | 2.0E-09 | 1.9E-08 |
| 350 | 642414.56 | 4290386.75 | 642414.56, 4290 | 1.4E-08 | 1.1E-09 | 1.8E-09 | 1.7E-08 |
| 351 | 642454.56 | 4290386.75 | 642454.56, 4290 | 1.2E-08 | 1.0E-09 | 1.6E-09 | 1.5E-08 |
| 352 | 642494.56 | 4290386.75 | 642494.56, 4290 | 1.1E-08 | 9.3E-10 | 1.4E-09 | 1.4E-08 |
| 353 | 642534.56 | 4290386.75 | 642534.56, 4290 | 1.0E-08 | 8.4E-10 | 1.3E-09 | 1.2E-08 |
| 354 | 642574.56 | 4290386.75 | 642574.56, 4290 | 9.3E-09 | 7.7E-10 | 1.2E-09 | 1.1E-08 |
| 355 | 642614.56 | 4290386.75 | 642614.56, 4290 | 8.6E-09 | 7.1E-10 | 1.1E-09 | 1.0E-08 |
| 356 | 641374.56 | 4290426.75 | 641374.56, 4290 | 3.3E-08 | 2.7E-09 | 4.2E-09 | 4.0E-08 |
| 357 | 641414.56 | 4290426.75 | 641414.56, 4290 | 3.9E-08 | 3.2E-09 | 4.9E-09 | 4.7E-08 |
| 358 | 641454.56 | 4290426.75 | 641454.56, 4290 | 4.7E-08 | 3.9E-09 | 6.0E-09 | 5.7E-08 |
| 359 | 641494.56 | 4290426.75 | 641494.56, 4290 | 5.7E-08 | 4.8E-09 | 7.4E-09 | 6.9E-08 |
| 360 | 641534.56 | 4290426.75 | 641534.56, 4290 | 7.2E-08 | 6.0E-09 | 9.4E-09 | 8.7E-08 |
| 361 | 641574.56 | 4290426.75 | 641574.56, 4290 | 9.1E-08 | 7.7E-09 | 1.2E-08 | 1.1E-07 |
| 362 | 641614.56 | 4290426.75 | 641614.56, 4290 | 1.2E-07 | 1.0E-08 | 1.6E-08 | 1.4E-07 |
| 363 | 641654.56 | 4290426.75 | 641654.56, 4290 | 1.5E-07 | 1.3E-08 | 2.1E-08 | 1.8E-07 |
| 364 | 641694.56 | 4290426.75 | 641694.56, 4290 | 1.8E-07 | 1.7E-08 | 2.7E-08 | 2.3E-07 |
| 365 | 641734.56 | 4290426.75 | 641734.56, 4290 | 2.3E-07 | 2.1E-08 | 3.4E-08 | 2.8E-07 |
| 366 | 641774.56 | 4290426.75 | 641774.56, 4290 | 2.8E-07 | 2.7E-08 | 4.4E-08 | 3.5E-07 |
| 367 | 641814.56 | 4290426.75 | 641814.56, 4290 | 3.0E-07 | 2.9E-08 | 4.7E-08 | 3.7E-07 |
| 368 | 641854.56 | 4290426.75 | 641854.56, 4290 | 2.4E-07 | 2.3E-08 | 3.7E-08 | 3.0E-07 |
| 369 | 641894.56 | 4290426.75 | 641894.56, 4290 | 1.8E-07 | 1.6E-08 | 2.6E-08 | 2.2E-07 |
| 370 | 641934.56 | 4290426.75 | 641934.56, 4290 | 1.3E-07 | 1.1E-08 | 1.8E-08 | 1.6E-07 |
| 371 | 641974.56 | 4290426.75 | 641974.56, 4290 | 9.4E-08 | 8.1E-09 | 1.3E-08 | 1.1E-07 |
| 372 | 642014.56 | 4290426.75 | 642014.56, 4290 | 7.1E-08 | 6.1E-09 | 9.4E-09 | 8.7E-08 |
| 373 | 642054.56 | 4290426.75 | 642054.56, 4290 | 5.6E-08 | 4.7E-09 | 7.3E-09 | 6.8E-08 |
| 374 | 642094.56 | 4290426.75 | 642094.56, 4290 | 4.4E-08 | 3.7E-09 | 5.8E-09 | 5.4E-08 |
| 375 | 642134.56 | 4290426.75 | 642134.56, 4290 | 3.6E-08 | 3.0E-09 | 4.7E-09 | 4.4E-08 |
| 376 | 642174.56 | 4290426.75 | 642174.56, 4290 | 3.0E-08 | 2.5E-09 | 3.9E-09 | 3.7E-08 |
| 377 | 642214.56 | 4290426.75 | 642214.56, 4290 | 2.6E-08 | 2.1E-09 | 3.3E-09 | 3.1E-08 |
| 378 | 642254.56 | 4290426.75 | 642254.56, 4290 | 2.2E-08 | 1.8E-09 | 2.8E-09 | 2.7E-08 |
| 379 | 642294.56 | 4290426.75 | 642294.56, 4290 | 1.9E-08 | 1.6E-09 | 2.5E-09 | 2.3E-08 |
| 380 | 642334.56 | 4290426.75 | 642334.56, 4290 | 1.7E-08 | 1.4E-09 | 2.2E-09 | 2.1E-08 |
| 381 | 642374.56 | 4290426.75 | 642374.56, 4290 | 1.5E-08 | 1.2E-09 | 1.9E-09 | 1.8E-08 |
| 382 | 642414.56 | 4290426.75 | 642414.56, 4290 | 1.3E-08 | 1.1E-09 | 1.7E-09 | 1.6E-08 |
| 383 | 642454.56 | 4290426.75 | 642454.56, 4290 | 1.2E-08 | 1.0E-09 | 1.5E-09 | 1.5E-08 |
| 384 | 642494.56 | 4290426.75 | 642494.56, 4290 | 1.1E-08 | 9.1E-10 | 1.4E-09 | 1.3E-08 |
| 385 | 642534.56 | 4290426.75 | 642534.56, 4290 | 1.0E-08 | 8.3E-10 | 1.3E-09 | 1.2E-08 |
| 386 | 642574.56 | 4290426.75 | 642574.56, 4290 | 9.2E-09 | 7.6E-10 | 1.2E-09 | 1.1E-08 |
| 387 | 642614.56 | 4290426.75 | 642614.56, 4290 | 8.5E-09 | 7.0E-10 | 1.1E-09 | 1.0E-08 |
| 388 | 641374.56 | 4290466.75 | 641374.56, 4290 | 3.5E-08 | 2.9E-09 | 4.4E-09 | 4.2E-08 |
| 389 | 641414.56 | 4290466.75 | 641414.56, 4290 | 4.2E-08 | 3.5E-09 | 5.3E-09 | 5.1E-08 |
| 390 | 641454.56 | 4290466.75 | 641454.56, 4290 | 5.1E-08 | 4.2E-09 | 6.5E-09 | 6.2E-08 |
| 391 | 641494.56 | 4290466.75 | 641494.56, 4290 | 6.4E-08 | 5.3E-09 | 8.2E-09 | 7.8E-08 |
| 392 | 641534.56 | 4290466.75 | 641534.56, 4290 | 8.3E-08 | 6.9E-09 | 1.1E-08 | 1.0E-07 |
| 393 | 641574.56 | 4290466.75 | 641574.56, 4290 | 1.1E-07 | 9.3E-09 | 1.4E-08 | 1.3E-07 |
| 394 | 641614.56 | 4290466.75 | 641614.56, 4290 | 1.5E-07 | 1.3E-08 | 2.0E-08 | 1.8E-07 |
| 395 | 641654.56 | 4290466.75 | 641654.56, 4290 | 2.1E-07 | 1.9E-08 | 3.0E-08 | 2.5E-07 |
| 396 | 641694.56 | 4290466.75 | 641694.56, 4290 | 2.8E-07 | 2.7E-08 | 4.3E-08 | 3.5E-07 |
| 397 | 641734.56 | 4290466.75 | 641734.56, 4290 | 3.9E-07 | 3.8E-08 | 6.2E-08 | 4.9E-07 |
| 398 | 641774.56 | 4290466.75 | 641774.56, 4290 | 5.0E-07 | 5.1E-08 | 8.4E-08 | 6.4E-07 |
| 399 | 641814.56 | 4290466.75 | 641814.56, 4290 | 4.5E-07 | 4.4E-08 | 7.3E-08 | 5.7E-07 |
| 400 | 641854.56 | 4290466.75 | 641854.56, 4290 | 3.0E-07 | 2.8E-08 | 4.5E-08 | 3.7E-07 |
| 401 | 641894.56 | 4290466.75 | 641894.56, 4290 | 1.9E-07 | 1.7E-08 | 2.8E-08 | 2.4E-07 |
| 402 | 641934.56 | 4290466.75 | 641934.56, 4290 | 1.3E-07 | 1.1E-08 | 1.8E-08 | 1.6E-07 |
| 403 | 641974.56 | 4290466.75 | 641974.56, 4290 | 9.3E-08 | 7.9E-09 | 1.2E-08 | 1.1E-07 |
| 404 | 642014.56 | 4290466.75 | 642014.56, 4290 | 6.9E-08 | 5.8E-09 | 9.1E-09 | 8.4E-08 |
| 405 | 642054.56 | 4290466.75 | 642054.56, 4290 | 5.4E-08 | 4.5E-09 | 7.0E-09 | 6.5E-08 |
| 406 | 642094.56 | 4290466.75 | 642094.56, 4290 | 4.3E-08 | 3.6E-09 | 5.6E-09 | 5.2E-08 |
| 407 | 642134.56 | 4290466.75 | 642134.56, 4290 | 3.5E-08 | 2.9E-09 | 4.5E-09 | 4.3E-08 |
| 408 | 642174.56 | 4290466.75 | 642174.56, 4290 | 3.0E-08 | 2.5E-09 | 3.8E-09 | 3.6E-08 |
| 409 | 642214.56 | 4290466.75 | 642214.56, 4290 | 2.5E-08 | 2.1E-09 | 3.2E-09 | 3.0E-08 |
| 410 | 642254.56 | 4290466.75 | 642254.56, 4290 | 2.2E-08 | 1.8E-09 | 2.8E-09 | 2.6E-08 |
| 411 | 642294.56 | 4290466.75 | 642294.56, 4290 | 1.9E-08 | 1.6E-09 | 2.4E-09 | 2.3E-08 |
| 412 | 642334.56 | 4290466.75 | 642334.56, 4290 | 1.7E-08 | 1.4E-09 | 2.1E-09 | 2.0E-08 |
| 413 | 642374.56 | 4290466.75 | 642374.56, 4290 | 1.5E-08 | 1.2E-09 | 1.9E-09 | 1.8E-08 |
| 414 | 642414.56 | 4290466.75 | 642414.56, 4290 | 1.3E-08 | 1.1E-09 | 1.7E-09 | 1.6E-08 |
| 415 | 642454.56 | 4290466.75 | 642454.56, 4290 | 1.2E-08 | 9.9E-10 | 1.5E-09 | 1.4E-08 |
| 416 | 642494.56 | 4290466.75 | 642494.56, 4290 | 1.1E-08 | 9.0E-10 | 1.4E-09 | 1.3E-08 |
| 417 | 642534.56 | 4290466.75 | 642534.56, 4290 | 9.9E-09 | 8.2E-10 | 1.3E-09 | 1.2E-08 |
| 418 | 642574.56 | 4290466.75 | 642574.56, 4290 | 9.1E-09 | 7.5E-10 | 1.2E-09 | 1.1E-08 |
| 419 | 642614.56 | 4290466.75 | 642614.56, 4290 | 8.4E-09 | 6.9E-10 | 1.1E-09 | 1.0E-08 |
| 420 | 641920.09 | 4290522.63 | 641920.09, 4290 | 1.4E-07 | 1.2E-08 | 1.9E-08 | 1.8E-07 |
| 421 | 641960.09 | 4290522.63 | 641960.09, 4290 | 9.9E-08 | 8.4E-09 | 1.3E-08 | 1.2E-07 |
| 422 | 642000.09 | 4290522.63 | 642000.09, 4290 | 7.3E-08 | 6.1E-09 | 9.5E-09 | 8.8E-08 |
| 423 | 642040.09 | 4290522.63 | 642040.09, 4290 | 5.6E-08 | 4.7E-09 | 7.3E-09 | 6.8E-08 |
| 424 | 642080.09 | 4290522.63 | 642080.09, 4290 | 4.4E-08 | 3.7E-09 | 5.8E-09 | 5.4E-08 |
| 425 | 642120.09 | 4290522.63 | 642120.09, 4290 | 3.6E-08 | 3.0E-09 | 4.7E-09 | 4.4E-08 |
| 426 | 642160.09 | 4290522.63 | 642160.09, 4290 | 3.0E-08 | 2.5E-09 | 3.9E-09 | 3.7E-08 |
| 427 | 642200.09 | 4290522.63 | 642200.09, 4290 | 2.6E-08 | 2.1E-09 | 3.3E-09 | 3.1E-08 |
| 428 | 642240.09 | 4290522.63 | 642240.09, 4290 | 2.2E-08 | 1.8E-09 | 2.8E-09 | 2.7E-08 |
| 429 | 642280.09 | 4290522.63 | 642280.09, 4290 | 1.9E-08 | 1.6E-09 | 2.5E-09 | 2.3E-08 |
| 430 | 642320.09 | 4290522.63 | 642320.09, 4290 | 1.7E-08 | 1.4E-09 | 2.2E-09 | 2.1E-08 |
| 431 | 642360.09 | 4290522.63 | 642360.09, 4290 | 1.5E-08 | 1.3E-09 | 1.9E-09 | 1.8E-08 |
| 432 | 642400.09 | 4290522.63 | 642400.09, 4290 | 1.4E-08 | 1.1E-09 | 1.7E-09 | 1.6E-08 |
| 433 | 642440.09 | 4290522.63 | 642440.09, 4290 | 1.2E-08 | 1.0E-09 | 1.6E-09 | 1.5E-08 |
| 434 | 642480.09 | 4290522.63 | 642480.09, 4290 | 1.1E-08 | 9.1E-10 | 1.4E-09 | 1.3E-08 |



|     |           |            |                 |         |         |         |         |
|-----|-----------|------------|-----------------|---------|---------|---------|---------|
| 435 | 642520.09 | 4290522.63 | 642520.09, 4290 | 1.0E-08 | 8.3E-10 | 1.3E-09 | 1.2E-08 |
| 436 | 642560.09 | 4290522.63 | 642560.09, 4290 | 9.2E-09 | 7.6E-10 | 1.2E-09 | 1.1E-08 |
| 437 | 642600.09 | 4290522.63 | 642600.09, 4290 | 8.5E-09 | 7.0E-10 | 1.1E-09 | 1.0E-08 |
| 438 | 641920.09 | 4290562.63 | 641920.09, 4290 | 1.4E-07 | 1.2E-08 | 1.8E-08 | 1.7E-07 |
| 439 | 641960.09 | 4290562.63 | 641960.09, 4290 | 9.5E-08 | 8.1E-09 | 1.3E-08 | 1.2E-07 |
| 440 | 642000.09 | 4290562.63 | 642000.09, 4290 | 7.0E-08 | 5.9E-09 | 9.2E-09 | 8.6E-08 |
| 441 | 642040.09 | 4290562.63 | 642040.09, 4290 | 5.4E-08 | 4.6E-09 | 7.1E-09 | 6.6E-08 |
| 442 | 642080.09 | 4290562.63 | 642080.09, 4290 | 4.3E-08 | 3.6E-09 | 5.6E-09 | 5.3E-08 |
| 443 | 642120.09 | 4290562.63 | 642120.09, 4290 | 3.6E-08 | 3.0E-09 | 4.6E-09 | 4.3E-08 |
| 444 | 642160.09 | 4290562.63 | 642160.09, 4290 | 3.0E-08 | 2.5E-09 | 3.8E-09 | 3.6E-08 |
| 445 | 642200.09 | 4290562.63 | 642200.09, 4290 | 2.5E-08 | 2.1E-09 | 3.3E-09 | 3.1E-08 |
| 446 | 642240.09 | 4290562.63 | 642240.09, 4290 | 2.2E-08 | 1.8E-09 | 2.8E-09 | 2.6E-08 |
| 447 | 642280.09 | 4290562.63 | 642280.09, 4290 | 1.9E-08 | 1.6E-09 | 2.5E-09 | 2.3E-08 |
| 448 | 642320.09 | 4290562.63 | 642320.09, 4290 | 1.7E-08 | 1.4E-09 | 2.2E-09 | 2.0E-08 |
| 449 | 642360.09 | 4290562.63 | 642360.09, 4290 | 1.5E-08 | 1.2E-09 | 1.9E-09 | 1.8E-08 |
| 450 | 642400.09 | 4290562.63 | 642400.09, 4290 | 1.3E-08 | 1.1E-09 | 1.7E-09 | 1.6E-08 |
| 451 | 642440.09 | 4290562.63 | 642440.09, 4290 | 1.2E-08 | 1.0E-09 | 1.5E-09 | 1.5E-08 |
| 452 | 642480.09 | 4290562.63 | 642480.09, 4290 | 1.1E-08 | 9.1E-10 | 1.4E-09 | 1.3E-08 |
| 453 | 642520.09 | 4290562.63 | 642520.09, 4290 | 1.0E-08 | 8.3E-10 | 1.3E-09 | 1.2E-08 |
| 454 | 642560.09 | 4290562.63 | 642560.09, 4290 | 9.2E-09 | 7.6E-10 | 1.2E-09 | 1.1E-08 |
| 455 | 642600.09 | 4290562.63 | 642600.09, 4290 | 8.5E-09 | 7.0E-10 | 1.1E-09 | 1.0E-08 |
| 456 | 641920.09 | 4290602.63 | 641920.09, 4290 | 1.3E-07 | 1.1E-08 | 1.8E-08 | 1.6E-07 |
| 457 | 641960.09 | 4290602.63 | 641960.09, 4290 | 9.2E-08 | 7.9E-09 | 1.2E-08 | 1.1E-07 |
| 458 | 642000.09 | 4290602.63 | 642000.09, 4290 | 6.9E-08 | 5.8E-09 | 9.1E-09 | 8.3E-08 |
| 459 | 642040.09 | 4290602.63 | 642040.09, 4290 | 5.3E-08 | 4.5E-09 | 7.0E-09 | 6.5E-08 |
| 460 | 642080.09 | 4290602.63 | 642080.09, 4290 | 4.3E-08 | 3.6E-09 | 5.6E-09 | 5.2E-08 |
| 461 | 642120.09 | 4290602.63 | 642120.09, 4290 | 3.5E-08 | 2.9E-09 | 4.6E-09 | 4.3E-08 |
| 462 | 642160.09 | 4290602.63 | 642160.09, 4290 | 2.9E-08 | 2.5E-09 | 3.8E-09 | 3.6E-08 |
| 463 | 642200.09 | 4290602.63 | 642200.09, 4290 | 2.5E-08 | 2.1E-09 | 3.2E-09 | 3.0E-08 |
| 464 | 642240.09 | 4290602.63 | 642240.09, 4290 | 2.2E-08 | 1.8E-09 | 2.8E-09 | 2.6E-08 |
| 465 | 642280.09 | 4290602.63 | 642280.09, 4290 | 1.9E-08 | 1.6E-09 | 2.4E-09 | 2.3E-08 |
| 466 | 642320.09 | 4290602.63 | 642320.09, 4290 | 1.7E-08 | 1.4E-09 | 2.2E-09 | 2.0E-08 |
| 467 | 642360.09 | 4290602.63 | 642360.09, 4290 | 1.5E-08 | 1.2E-09 | 1.9E-09 | 1.8E-08 |
| 468 | 642400.09 | 4290602.63 | 642400.09, 4290 | 1.3E-08 | 1.1E-09 | 1.7E-09 | 1.6E-08 |
| 469 | 642440.09 | 4290602.63 | 642440.09, 4290 | 1.2E-08 | 1.0E-09 | 1.5E-09 | 1.5E-08 |
| 470 | 642480.09 | 4290602.63 | 642480.09, 4290 | 1.1E-08 | 9.1E-10 | 1.4E-09 | 1.3E-08 |
| 471 | 642520.09 | 4290602.63 | 642520.09, 4290 | 1.0E-08 | 8.3E-10 | 1.3E-09 | 1.2E-08 |
| 472 | 642560.09 | 4290602.63 | 642560.09, 4290 | 9.2E-09 | 7.6E-10 | 1.2E-09 | 1.1E-08 |
| 473 | 642600.09 | 4290602.63 | 642600.09, 4290 | 8.4E-09 | 7.0E-10 | 1.1E-09 | 1.0E-08 |
| 474 | 641920.09 | 4290642.63 | 641920.09, 4290 | 1.2E-07 | 1.0E-08 | 1.6E-08 | 1.5E-07 |
| 475 | 641960.09 | 4290642.63 | 641960.09, 4290 | 8.8E-08 | 7.5E-09 | 1.2E-08 | 1.1E-07 |
| 476 | 642000.09 | 4290642.63 | 642000.09, 4290 | 6.6E-08 | 5.6E-09 | 8.7E-09 | 8.1E-08 |
| 477 | 642040.09 | 4290642.63 | 642040.09, 4290 | 5.2E-08 | 4.4E-09 | 6.8E-09 | 6.3E-08 |
| 478 | 642080.09 | 4290642.63 | 642080.09, 4290 | 4.2E-08 | 3.5E-09 | 5.5E-09 | 5.1E-08 |
| 479 | 642120.09 | 4290642.63 | 642120.09, 4290 | 3.5E-08 | 2.9E-09 | 4.5E-09 | 4.2E-08 |
| 480 | 642160.09 | 4290642.63 | 642160.09, 4290 | 2.9E-08 | 2.4E-09 | 3.8E-09 | 3.5E-08 |
| 481 | 642200.09 | 4290642.63 | 642200.09, 4290 | 2.5E-08 | 2.1E-09 | 3.2E-09 | 3.0E-08 |
| 482 | 642240.09 | 4290642.63 | 642240.09, 4290 | 2.1E-08 | 1.8E-09 | 2.8E-09 | 2.6E-08 |
| 483 | 642280.09 | 4290642.63 | 642280.09, 4290 | 1.9E-08 | 1.6E-09 | 2.4E-09 | 2.3E-08 |
| 484 | 642320.09 | 4290642.63 | 642320.09, 4290 | 1.7E-08 | 1.4E-09 | 2.1E-09 | 2.0E-08 |
| 485 | 642360.09 | 4290642.63 | 642360.09, 4290 | 1.5E-08 | 1.2E-09 | 1.9E-09 | 1.8E-08 |
| 486 | 642400.09 | 4290642.63 | 642400.09, 4290 | 1.3E-08 | 1.1E-09 | 1.7E-09 | 1.6E-08 |
| 487 | 642440.09 | 4290642.63 | 642440.09, 4290 | 1.2E-08 | 1.0E-09 | 1.5E-09 | 1.5E-08 |
| 488 | 642480.09 | 4290642.63 | 642480.09, 4290 | 1.1E-08 | 9.1E-10 | 1.4E-09 | 1.3E-08 |
| 489 | 642520.09 | 4290642.63 | 642520.09, 4290 | 1.0E-08 | 8.3E-10 | 1.3E-09 | 1.2E-08 |
| 490 | 642560.09 | 4290642.63 | 642560.09, 4290 | 9.1E-09 | 7.6E-10 | 1.2E-09 | 1.1E-08 |
| 491 | 642600.09 | 4290642.63 | 642600.09, 4290 | 8.4E-09 | 7.0E-10 | 1.1E-09 | 1.0E-08 |
| 492 | 641920.09 | 4290682.63 | 641920.09, 4290 | 1.1E-07 | 9.3E-09 | 1.4E-08 | 1.4E-07 |
| 493 | 641960.09 | 4290682.63 | 641960.09, 4290 | 8.2E-08 | 6.8E-09 | 1.1E-08 | 1.0E-07 |
| 494 | 642000.09 | 4290682.63 | 642000.09, 4290 | 6.3E-08 | 5.2E-09 | 8.1E-09 | 7.6E-08 |
| 495 | 642040.09 | 4290682.63 | 642040.09, 4290 | 5.0E-08 | 4.2E-09 | 6.4E-09 | 6.0E-08 |
| 496 | 642080.09 | 4290682.63 | 642080.09, 4290 | 4.0E-08 | 3.4E-09 | 5.2E-09 | 4.9E-08 |
| 497 | 642120.09 | 4290682.63 | 642120.09, 4290 | 3.4E-08 | 2.8E-09 | 4.4E-09 | 4.1E-08 |
| 498 | 642160.09 | 4290682.63 | 642160.09, 4290 | 2.8E-08 | 2.4E-09 | 3.7E-09 | 3.4E-08 |
| 499 | 642200.09 | 4290682.63 | 642200.09, 4290 | 2.4E-08 | 2.0E-09 | 3.2E-09 | 3.0E-08 |
| 500 | 642240.09 | 4290682.63 | 642240.09, 4290 | 2.1E-08 | 1.8E-09 | 2.7E-09 | 2.6E-08 |
| 501 | 642280.09 | 4290682.63 | 642280.09, 4290 | 1.9E-08 | 1.5E-09 | 2.4E-09 | 2.2E-08 |
| 502 | 642320.09 | 4290682.63 | 642320.09, 4290 | 1.6E-08 | 1.4E-09 | 2.1E-09 | 2.0E-08 |
| 503 | 642360.09 | 4290682.63 | 642360.09, 4290 | 1.5E-08 | 1.2E-09 | 1.9E-09 | 1.8E-08 |
| 504 | 642400.09 | 4290682.63 | 642400.09, 4290 | 1.3E-08 | 1.1E-09 | 1.7E-09 | 1.6E-08 |
| 505 | 642440.09 | 4290682.63 | 642440.09, 4290 | 1.2E-08 | 9.9E-10 | 1.5E-09 | 1.4E-08 |
| 506 | 642480.09 | 4290682.63 | 642480.09, 4290 | 1.1E-08 | 9.0E-10 | 1.4E-09 | 1.3E-08 |
| 507 | 642520.09 | 4290682.63 | 642520.09, 4290 | 9.9E-09 | 8.2E-10 | 1.3E-09 | 1.2E-08 |
| 508 | 642560.09 | 4290682.63 | 642560.09, 4290 | 9.1E-09 | 7.6E-10 | 1.2E-09 | 1.1E-08 |
| 509 | 642600.09 | 4290682.63 | 642600.09, 4290 | 8.4E-09 | 7.0E-10 | 1.1E-09 | 1.0E-08 |
| 510 | 641920.09 | 4290722.63 | 641920.09, 4290 | 1.0E-07 | 8.3E-09 | 1.3E-08 | 1.2E-07 |
| 511 | 641960.09 | 4290722.63 | 641960.09, 4290 | 7.5E-08 | 6.2E-09 | 9.5E-09 | 9.1E-08 |
| 512 | 642000.09 | 4290722.63 | 642000.09, 4290 | 5.9E-08 | 4.8E-09 | 7.4E-09 | 7.1E-08 |
| 513 | 642040.09 | 4290722.63 | 642040.09, 4290 | 4.7E-08 | 3.9E-09 | 6.0E-09 | 5.7E-08 |
| 514 | 642080.09 | 4290722.63 | 642080.09, 4290 | 3.9E-08 | 3.2E-09 | 4.9E-09 | 4.7E-08 |
| 515 | 642120.09 | 4290722.63 | 642120.09, 4290 | 3.2E-08 | 2.7E-09 | 4.1E-09 | 3.9E-08 |
| 516 | 642160.09 | 4290722.63 | 642160.09, 4290 | 2.7E-08 | 2.3E-09 | 3.5E-09 | 3.3E-08 |
| 517 | 642200.09 | 4290722.63 | 642200.09, 4290 | 2.4E-08 | 2.0E-09 | 3.1E-09 | 2.9E-08 |
| 518 | 642240.09 | 4290722.63 | 642240.09, 4290 | 2.1E-08 | 1.7E-09 | 2.7E-09 | 2.5E-08 |
| 519 | 642280.09 | 4290722.63 | 642280.09, 4290 | 1.8E-08 | 1.5E-09 | 2.3E-09 | 2.2E-08 |
| 520 | 642320.09 | 4290722.63 | 642320.09, 4290 | 1.6E-08 | 1.3E-09 | 2.1E-09 | 2.0E-08 |
| 521 | 642360.09 | 4290722.63 | 642360.09, 4290 | 1.4E-08 | 1.2E-09 | 1.9E-09 | 1.8E-08 |
| 522 | 642400.09 | 4290722.63 | 642400.09, 4290 | 1.3E-08 | 1.1E-09 | 1.7E-09 | 1.6E-08 |
| 523 | 642440.09 | 4290722.63 | 642440.09, 4290 | 1.2E-08 | 9.8E-10 | 1.5E-09 | 1.4E-08 |

|     |           |            |                 |         |         |         |         |
|-----|-----------|------------|-----------------|---------|---------|---------|---------|
| 524 | 642480.09 | 4290722.63 | 642480.09, 4290 | 1.1E-08 | 8.9E-10 | 1.4E-09 | 1.3E-08 |
| 525 | 642520.09 | 4290722.63 | 642520.09, 4290 | 9.8E-09 | 8.2E-10 | 1.3E-09 | 1.2E-08 |
| 526 | 642560.09 | 4290722.63 | 642560.09, 4290 | 9.0E-09 | 7.5E-10 | 1.2E-09 | 1.1E-08 |
| 527 | 642600.09 | 4290722.63 | 642600.09, 4290 | 8.3E-09 | 6.9E-10 | 1.1E-09 | 1.0E-08 |
| 528 | 641920.09 | 4290762.63 | 641920.09, 4290 | 8.9E-08 | 7.3E-09 | 1.1E-08 | 1.1E-07 |
| 529 | 641960.09 | 4290762.63 | 641960.09, 4290 | 6.8E-08 | 5.6E-09 | 8.6E-09 | 8.2E-08 |
| 530 | 642000.09 | 4290762.63 | 642000.09, 4290 | 5.4E-08 | 4.4E-09 | 6.8E-09 | 6.5E-08 |
| 531 | 642040.09 | 4290762.63 | 642040.09, 4290 | 4.4E-08 | 3.6E-09 | 5.5E-09 | 5.3E-08 |
| 532 | 642080.09 | 4290762.63 | 642080.09, 4290 | 3.6E-08 | 3.0E-09 | 4.6E-09 | 4.4E-08 |
| 533 | 642120.09 | 4290762.63 | 642120.09, 4290 | 3.1E-08 | 2.5E-09 | 3.9E-09 | 3.7E-08 |
| 534 | 642160.09 | 4290762.63 | 642160.09, 4290 | 2.6E-08 | 2.2E-09 | 3.4E-09 | 3.2E-08 |
| 535 | 642200.09 | 4290762.63 | 642200.09, 4290 | 2.3E-08 | 1.9E-09 | 2.9E-09 | 2.8E-08 |
| 536 | 642240.09 | 4290762.63 | 642240.09, 4290 | 2.0E-08 | 1.7E-09 | 2.6E-09 | 2.4E-08 |
| 537 | 642280.09 | 4290762.63 | 642280.09, 4290 | 1.8E-08 | 1.5E-09 | 2.3E-09 | 2.1E-08 |
| 538 | 642320.09 | 4290762.63 | 642320.09, 4290 | 1.6E-08 | 1.3E-09 | 2.0E-09 | 1.9E-08 |
| 539 | 642360.09 | 4290762.63 | 642360.09, 4290 | 1.4E-08 | 1.2E-09 | 1.8E-09 | 1.7E-08 |
| 540 | 642400.09 | 4290762.63 | 642400.09, 4290 | 1.3E-08 | 1.1E-09 | 1.6E-09 | 1.6E-08 |
| 541 | 642440.09 | 4290762.63 | 642440.09, 4290 | 1.2E-08 | 9.7E-10 | 1.5E-09 | 1.4E-08 |
| 542 | 642480.09 | 4290762.63 | 642480.09, 4290 | 1.1E-08 | 8.8E-10 | 1.4E-09 | 1.3E-08 |
| 543 | 642520.09 | 4290762.63 | 642520.09, 4290 | 9.7E-09 | 8.1E-10 | 1.2E-09 | 1.2E-08 |
| 544 | 642560.09 | 4290762.63 | 642560.09, 4290 | 9.0E-09 | 7.4E-10 | 1.1E-09 | 1.1E-08 |
| 545 | 642600.09 | 4290762.63 | 642600.09, 4290 | 8.3E-09 | 6.9E-10 | 1.1E-09 | 1.0E-08 |
| 546 | 641920.09 | 4290802.63 | 641920.09, 4290 | 7.9E-08 | 6.5E-09 | 1.0E-08 | 9.6E-08 |
| 547 | 641960.09 | 4290802.63 | 641960.09, 4290 | 6.2E-08 | 5.1E-09 | 7.8E-09 | 7.5E-08 |
| 548 | 642000.09 | 4290802.63 | 642000.09, 4290 | 5.0E-08 | 4.1E-09 | 6.2E-09 | 6.0E-08 |
| 549 | 642040.09 | 4290802.63 | 642040.09, 4290 | 4.1E-08 | 3.3E-09 | 5.1E-09 | 4.9E-08 |
| 550 | 642080.09 | 4290802.63 | 642080.09, 4290 | 3.4E-08 | 2.8E-09 | 4.3E-09 | 4.1E-08 |
| 551 | 642120.09 | 4290802.63 | 642120.09, 4290 | 2.9E-08 | 2.4E-09 | 3.7E-09 | 3.5E-08 |
| 552 | 642160.09 | 4290802.63 | 642160.09, 4290 | 2.5E-08 | 2.1E-09 | 3.2E-09 | 3.0E-08 |
| 553 | 642200.09 | 4290802.63 | 642200.09, 4290 | 2.2E-08 | 1.8E-09 | 2.8E-09 | 2.6E-08 |
| 554 | 642240.09 | 4290802.63 | 642240.09, 4290 | 1.9E-08 | 1.6E-09 | 2.5E-09 | 2.3E-08 |
| 555 | 642280.09 | 4290802.63 | 642280.09, 4290 | 1.7E-08 | 1.4E-09 | 2.2E-09 | 2.1E-08 |
| 556 | 642320.09 | 4290802.63 | 642320.09, 4290 | 1.5E-08 | 1.3E-09 | 2.0E-09 | 1.9E-08 |
| 557 | 642360.09 | 4290802.63 | 642360.09, 4290 | 1.4E-08 | 1.1E-09 | 1.8E-09 | 1.7E-08 |
| 558 | 642400.09 | 4290802.63 | 642400.09, 4290 | 1.3E-08 | 1.0E-09 | 1.6E-09 | 1.5E-08 |
| 559 | 642440.09 | 4290802.63 | 642440.09, 4290 | 1.1E-08 | 9.4E-10 | 1.5E-09 | 1.4E-08 |
| 560 | 642480.09 | 4290802.63 | 642480.09, 4290 | 1.0E-08 | 8.6E-10 | 1.3E-09 | 1.3E-08 |
| 561 | 642520.09 | 4290802.63 | 642520.09, 4290 | 9.6E-09 | 7.9E-10 | 1.2E-09 | 1.2E-08 |
| 562 | 642560.09 | 4290802.63 | 642560.09, 4290 | 8.8E-09 | 7.3E-10 | 1.1E-09 | 1.1E-08 |
| 563 | 642600.09 | 4290802.63 | 642600.09, 4290 | 8.2E-09 | 6.8E-10 | 1.0E-09 | 9.9E-09 |
| 564 | 641920.09 | 4290842.63 | 641920.09, 4290 | 7.1E-08 | 5.8E-09 | 8.9E-09 | 8.6E-08 |
| 565 | 641960.09 | 4290842.63 | 641960.09, 4290 | 5.6E-08 | 4.6E-09 | 7.1E-09 | 6.8E-08 |
| 566 | 642000.09 | 4290842.63 | 642000.09, 4290 | 4.6E-08 | 3.7E-09 | 5.7E-09 | 5.5E-08 |
| 567 | 642040.09 | 4290842.63 | 642040.09, 4290 | 3.8E-08 | 3.1E-09 | 4.8E-09 | 4.6E-08 |
| 568 | 642080.09 | 4290842.63 | 642080.09, 4290 | 3.2E-08 | 2.6E-09 | 4.0E-09 | 3.9E-08 |
| 569 | 642120.09 | 4290842.63 | 642120.09, 4290 | 2.7E-08 | 2.2E-09 | 3.5E-09 | 3.3E-08 |
| 570 | 642160.09 | 4290842.63 | 642160.09, 4290 | 2.4E-08 | 1.9E-09 | 3.0E-09 | 2.9E-08 |
| 571 | 642200.09 | 4290842.63 | 642200.09, 4290 | 2.1E-08 | 1.7E-09 | 2.6E-09 | 2.5E-08 |
| 572 | 642240.09 | 4290842.63 | 642240.09, 4290 | 1.8E-08 | 1.5E-09 | 2.3E-09 | 2.2E-08 |
| 573 | 642280.09 | 4290842.63 | 642280.09, 4290 | 1.6E-08 | 1.4E-09 | 2.1E-09 | 2.0E-08 |
| 574 | 642320.09 | 4290842.63 | 642320.09, 4290 | 1.5E-08 | 1.2E-09 | 1.9E-09 | 1.8E-08 |
| 575 | 642360.09 | 4290842.63 | 642360.09, 4290 | 1.3E-08 | 1.1E-09 | 1.7E-09 | 1.6E-08 |
| 576 | 642400.09 | 4290842.63 | 642400.09, 4290 | 1.2E-08 | 1.0E-09 | 1.5E-09 | 1.5E-08 |
| 577 | 642440.09 | 4290842.63 | 642440.09, 4290 | 1.1E-08 | 9.2E-10 | 1.4E-09 | 1.3E-08 |
| 578 | 642480.09 | 4290842.63 | 642480.09, 4290 | 1.0E-08 | 8.4E-10 | 1.3E-09 | 1.2E-08 |
| 579 | 642520.09 | 4290842.63 | 642520.09, 4290 | 9.4E-09 | 7.8E-10 | 1.2E-09 | 1.1E-08 |
| 580 | 642560.09 | 4290842.63 | 642560.09, 4290 | 8.7E-09 | 7.2E-10 | 1.1E-09 | 1.1E-08 |
| 581 | 642600.09 | 4290842.63 | 642600.09, 4290 | 8.0E-09 | 6.7E-10 | 1.0E-09 | 9.7E-09 |
| 582 | 641920.09 | 4290882.63 | 641920.09, 4290 | 6.4E-08 | 5.2E-09 | 7.9E-09 | 7.7E-08 |
| 583 | 641960.09 | 4290882.63 | 641960.09, 4290 | 5.1E-08 | 4.2E-09 | 6.4E-09 | 6.2E-08 |
| 584 | 642000.09 | 4290882.63 | 642000.09, 4290 | 4.2E-08 | 3.4E-09 | 5.3E-09 | 5.1E-08 |
| 585 | 642040.09 | 4290882.63 | 642040.09, 4290 | 3.5E-08 | 2.9E-09 | 4.4E-09 | 4.3E-08 |
| 586 | 642080.09 | 4290882.63 | 642080.09, 4290 | 3.0E-08 | 2.5E-09 | 3.8E-09 | 3.6E-08 |
| 587 | 642120.09 | 4290882.63 | 642120.09, 4290 | 2.6E-08 | 2.1E-09 | 3.3E-09 | 3.1E-08 |
| 588 | 642160.09 | 4290882.63 | 642160.09, 4290 | 2.3E-08 | 1.8E-09 | 2.8E-09 | 2.7E-08 |
| 589 | 642200.09 | 4290882.63 | 642200.09, 4290 | 2.0E-08 | 1.6E-09 | 2.5E-09 | 2.4E-08 |
| 590 | 642240.09 | 4290882.63 | 642240.09, 4290 | 1.8E-08 | 1.4E-09 | 2.2E-09 | 2.1E-08 |
| 591 | 642280.09 | 4290882.63 | 642280.09, 4290 | 1.6E-08 | 1.3E-09 | 2.0E-09 | 1.9E-08 |
| 592 | 642320.09 | 4290882.63 | 642320.09, 4290 | 1.4E-08 | 1.2E-09 | 1.8E-09 | 1.7E-08 |
| 593 | 642360.09 | 4290882.63 | 642360.09, 4290 | 1.3E-08 | 1.1E-09 | 1.6E-09 | 1.6E-08 |
| 594 | 642400.09 | 4290882.63 | 642400.09, 4290 | 1.2E-08 | 9.7E-10 | 1.5E-09 | 1.4E-08 |
| 595 | 642440.09 | 4290882.63 | 642440.09, 4290 | 1.1E-08 | 8.9E-10 | 1.4E-09 | 1.3E-08 |
| 596 | 642480.09 | 4290882.63 | 642480.09, 4290 | 9.9E-09 | 8.2E-10 | 1.3E-09 | 1.2E-08 |
| 597 | 642520.09 | 4290882.63 | 642520.09, 4290 | 9.2E-09 | 7.6E-10 | 1.2E-09 | 1.1E-08 |
| 598 | 642560.09 | 4290882.63 | 642560.09, 4290 | 8.5E-09 | 7.0E-10 | 1.1E-09 | 1.0E-08 |
| 599 | 642600.09 | 4290882.63 | 642600.09, 4290 | 7.9E-09 | 6.5E-10 | 1.0E-09 | 9.5E-09 |
| 600 | 641450.64 | 4290754.44 | 641450.64, 4290 | 6.8E-08 | 5.4E-09 | 8.1E-09 | 8.1E-08 |
| 601 | 641490.64 | 4290754.44 | 641490.64, 4290 | 9.1E-08 | 7.2E-09 | 1.1E-08 | 1.1E-07 |
| 602 | 641530.64 | 4290754.44 | 641530.64, 4290 | 1.3E-07 | 1.0E-08 | 1.5E-08 | 1.5E-07 |
| 603 | 641570.64 | 4290754.44 | 641570.64, 4290 | 1.9E-07 | 1.5E-08 | 2.2E-08 | 2.3E-07 |
| 604 | 641610.64 | 4290754.44 | 641610.64, 4290 | 3.0E-07 | 2.3E-08 | 3.3E-08 | 3.5E-07 |
| 605 | 641650.64 | 4290754.44 | 641650.64, 4290 | 4.4E-07 | 3.2E-08 | 4.7E-08 | 5.2E-07 |
| 606 | 641450.64 | 4290794.44 | 641450.64, 4290 | 7.0E-08 | 5.6E-09 | 8.4E-09 | 8.4E-08 |
| 607 | 641490.64 | 4290794.44 | 641490.64, 4290 | 9.4E-08 | 7.4E-09 | 1.1E-08 | 1.1E-07 |
| 608 | 641530.64 | 4290794.44 | 641530.64, 4290 | 1.3E-07 | 1.0E-08 | 1.5E-08 | 1.6E-07 |
| 609 | 641570.64 | 4290794.44 | 641570.64, 4290 | 1.9E-07 | 1.4E-08 | 2.2E-08 | 2.2E-07 |
| 610 | 641610.64 | 4290794.44 | 641610.64, 4290 | 2.6E-07 | 2.0E-08 | 2.9E-08 | 3.1E-07 |
| 611 | 641650.64 | 4290794.44 | 641650.64, 4290 | 3.4E-07 | 2.5E-08 | 3.7E-08 | 4.0E-07 |
| 612 | 641450.64 | 4290834.44 | 641450.64, 4290 | 7.2E-08 | 5.7E-09 | 8.6E-09 | 8.6E-08 |

|     |           |            |                 |         |         |         |         |
|-----|-----------|------------|-----------------|---------|---------|---------|---------|
| 613 | 641490.64 | 4290834.44 | 641490.64, 4290 | 9.5E-08 | 7.5E-09 | 1.1E-08 | 1.1E-07 |
| 614 | 641530.64 | 4290834.44 | 641530.64, 4290 | 1.3E-07 | 1.0E-08 | 1.5E-08 | 1.5E-07 |
| 615 | 641570.64 | 4290834.44 | 641570.64, 4290 | 1.7E-07 | 1.3E-08 | 2.0E-08 | 2.0E-07 |
| 616 | 641610.64 | 4290834.44 | 641610.64, 4290 | 2.2E-07 | 1.7E-08 | 2.5E-08 | 2.6E-07 |
| 617 | 641650.64 | 4290834.44 | 641650.64, 4290 | 2.6E-07 | 2.0E-08 | 2.9E-08 | 3.1E-07 |

```

**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 13.0.0
** Lakes Environmental Software Inc.
** Date: 8/18/2025
** File: C:\Lakes\AERMOD View\Baseline Road Fuel Station_TOG\Baseline Road Fuel
Station_TOG.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\Lakes\AERMOD View\Baseline Road Fuel Station_TOG\Baseline Road Fu
  MODELOPT DFAULT CONC
  AVERTIME 1 PERIOD
  URBANOPT 1600000 Sac_County
  POLLUTID TOG
  RUNORNOT RUN
  ERRORFIL "Baseline Road Fuel Station_TOG.err"
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
  LOCATION VOL1      VOLUME      641735.580  4290586.517      33.760
** DESCRSRC FP_1
  LOCATION VOL2      VOLUME      641735.428  4290577.626      33.760
** DESCRSRC FP_2
  LOCATION VOL3      VOLUME      641735.482  4290568.606      33.760
** DESCRSRC FP_3
  LOCATION VOL4      VOLUME      641751.012  4290582.919      33.830
** DESCRSRC FP_4
  LOCATION VOL5      VOLUME      641751.089  4290573.791      33.830
** DESCRSRC FP_5
  LOCATION VOL6      VOLUME      641751.089  4290564.741      33.830
** DESCRSRC FP_6
  LOCATION VOL7      VOLUME      641735.464  4290586.477      33.760
** DESCRSRC SP_1

```



|                         |           |        |            |             |           |      |
|-------------------------|-----------|--------|------------|-------------|-----------|------|
| LOCATION                | VOL8      | VOLUME | 641735.475 | 4290577.461 | 33.760    |      |
| ** DESCRSRC             | SP_2      |        |            |             |           |      |
| LOCATION                | VOL9      | VOLUME | 641735.707 | 4290568.488 | 33.760    |      |
| ** DESCRSRC             | SP_3      |        |            |             |           |      |
| LOCATION                | VOL10     | VOLUME | 641751.023 | 4290582.876 | 33.830    |      |
| ** DESCRSRC             | SP_4      |        |            |             |           |      |
| LOCATION                | VOL11     | VOLUME | 641751.023 | 4290573.748 | 33.830    |      |
| ** DESCRSRC             | SP_5      |        |            |             |           |      |
| LOCATION                | VOL12     | VOLUME | 641751.130 | 4290564.819 | 33.830    |      |
| ** DESCRSRC             | SP_6      |        |            |             |           |      |
| LOCATION                | STCK1     | POINT  | 641728.960 | 4290606.120 | 33.730    |      |
| ** DESCRSRC             | Loading   |        |            |             |           |      |
| LOCATION                | STCK2     | POINT  | 641728.927 | 4290606.128 | 33.730    |      |
| ** DESCRSRC             | Breathing |        |            |             |           |      |
| LOCATION                | VOL13     | VOLUME | 641735.450 | 4290559.309 | 33.760    |      |
| ** DESCRSRC             | FP_7      |        |            |             |           |      |
| LOCATION                | VOL14     | VOLUME | 641751.165 | 4290555.799 | 33.940    |      |
| ** DESCRSRC             | FP_8      |        |            |             |           |      |
| LOCATION                | VOL15     | VOLUME | 641735.450 | 4290559.309 | 33.760    |      |
| ** DESCRSRC             | SP_7      |        |            |             |           |      |
| LOCATION                | VOL17     | VOLUME | 641751.219 | 4290555.691 | 33.940    |      |
| ** DESCRSRC             | SP_8      |        |            |             |           |      |
| ** Source Parameters ** |           |        |            |             |           |      |
| SRCPARAM                | VOL1      | 0.125  | 1.500      | 2.093       | 1.860     |      |
| SRCPARAM                | VOL2      | 0.125  | 1.500      | 2.093       | 1.860     |      |
| SRCPARAM                | VOL3      | 0.125  | 1.500      | 2.093       | 1.860     |      |
| SRCPARAM                | VOL4      | 0.125  | 1.500      | 2.093       | 1.860     |      |
| SRCPARAM                | VOL5      | 0.125  | 1.500      | 2.093       | 1.860     |      |
| SRCPARAM                | VOL6      | 0.125  | 1.500      | 2.093       | 1.860     |      |
| SRCPARAM                | VOL7      | 0.125  | 1.500      | 2.093       | 1.860     |      |
| SRCPARAM                | VOL8      | 0.125  | 1.500      | 2.093       | 1.860     |      |
| SRCPARAM                | VOL9      | 0.125  | 1.500      | 2.093       | 1.860     |      |
| SRCPARAM                | VOL10     | 0.125  | 1.500      | 2.093       | 1.860     |      |
| SRCPARAM                | VOL11     | 0.125  | 1.500      | 2.093       | 1.860     |      |
| SRCPARAM                | VOL12     | 0.125  | 1.500      | 2.093       | 1.860     |      |
| SRCPARAM                | STCK1     | 1.0    | 3.660      | 291.000     | 0.0009144 | 0.05 |
| SRCPARAM                | STCK2     | 1.0    | 3.660      | 291.000     | 0.0009144 | 0.05 |
| SRCPARAM                | VOL13     | 0.125  | 1.500      | 2.093       | 1.860     |      |
| SRCPARAM                | VOL14     | 0.125  | 1.500      | 2.093       | 1.860     |      |
| SRCPARAM                | VOL15     | 0.125  | 1.500      | 2.093       | 1.860     |      |
| SRCPARAM                | VOL17     | 0.125  | 1.500      | 2.093       | 1.860     |      |
| ** Building Downwash ** |           |        |            |             |           |      |
| BUILDHGT                | STCK1     | 0.00   | 0.00       | 6.10        | 6.10      | 6.10 |
| BUILDHGT                | STCK1     | 6.10   | 0.00       | 0.00        | 0.00      | 0.00 |
| BUILDHGT                | STCK1     | 0.00   | 0.00       | 0.00        | 0.00      | 0.00 |
| BUILDHGT                | STCK1     | 0.00   | 0.00       | 0.00        | 0.00      | 0.00 |
| BUILDHGT                | STCK1     | 0.00   | 0.00       | 0.00        | 0.00      | 0.00 |

|          |       |        |      |        |        |        |        |
|----------|-------|--------|------|--------|--------|--------|--------|
| BUILDHGT | STCK1 | 0.00   | 0.00 | 0.00   | 0.00   | 0.00   | 0.00   |
| BUILDHGT | STCK2 | 0.00   | 0.00 | 6.10   | 6.10   | 6.10   | 6.10   |
| BUILDHGT | STCK2 | 6.10   | 0.00 | 0.00   | 0.00   | 0.00   | 0.00   |
| BUILDHGT | STCK2 | 0.00   | 0.00 | 0.00   | 0.00   | 0.00   | 0.00   |
| BUILDHGT | STCK2 | 0.00   | 0.00 | 0.00   | 0.00   | 0.00   | 0.00   |
| BUILDHGT | STCK2 | 0.00   | 0.00 | 0.00   | 0.00   | 0.00   | 0.00   |
| BUILDHGT | STCK2 | 0.00   | 0.00 | 0.00   | 0.00   | 0.00   | 0.00   |
| BUILDWID | STCK1 | 0.00   | 0.00 | 29.75  | 33.08  | 35.41  | 36.67  |
| BUILDWID | STCK1 | 36.81  | 0.00 | 0.00   | 0.00   | 0.00   | 0.00   |
| BUILDWID | STCK1 | 0.00   | 0.00 | 0.00   | 0.00   | 0.00   | 0.00   |
| BUILDWID | STCK1 | 0.00   | 0.00 | 0.00   | 0.00   | 0.00   | 0.00   |
| BUILDWID | STCK1 | 0.00   | 0.00 | 0.00   | 0.00   | 0.00   | 0.00   |
| BUILDWID | STCK1 | 0.00   | 0.00 | 0.00   | 0.00   | 0.00   | 0.00   |
| BUILDWID | STCK2 | 0.00   | 0.00 | 29.75  | 33.08  | 35.41  | 36.67  |
| BUILDWID | STCK2 | 36.81  | 0.00 | 0.00   | 0.00   | 0.00   | 0.00   |
| BUILDWID | STCK2 | 0.00   | 0.00 | 0.00   | 0.00   | 0.00   | 0.00   |
| BUILDWID | STCK2 | 0.00   | 0.00 | 0.00   | 0.00   | 0.00   | 0.00   |
| BUILDWID | STCK2 | 0.00   | 0.00 | 0.00   | 0.00   | 0.00   | 0.00   |
| BUILDWID | STCK2 | 0.00   | 0.00 | 0.00   | 0.00   | 0.00   | 0.00   |
| BUILDLN  | STCK1 | 0.00   | 0.00 | 36.99  | 35.70  | 33.33  | 29.94  |
| BUILDLN  | STCK1 | 25.65  | 0.00 | 0.00   | 0.00   | 0.00   | 0.00   |
| BUILDLN  | STCK1 | 0.00   | 0.00 | 0.00   | 0.00   | 0.00   | 0.00   |
| BUILDLN  | STCK1 | 0.00   | 0.00 | 0.00   | 0.00   | 0.00   | 0.00   |
| BUILDLN  | STCK1 | 0.00   | 0.00 | 0.00   | 0.00   | 0.00   | 0.00   |
| BUILDLN  | STCK1 | 0.00   | 0.00 | 0.00   | 0.00   | 0.00   | 0.00   |
| BUILDLN  | STCK2 | 0.00   | 0.00 | 36.99  | 35.70  | 33.33  | 29.94  |
| BUILDLN  | STCK2 | 25.65  | 0.00 | 0.00   | 0.00   | 0.00   | 0.00   |
| BUILDLN  | STCK2 | 0.00   | 0.00 | 0.00   | 0.00   | 0.00   | 0.00   |
| BUILDLN  | STCK2 | 0.00   | 0.00 | 0.00   | 0.00   | 0.00   | 0.00   |
| BUILDLN  | STCK2 | 0.00   | 0.00 | 0.00   | 0.00   | 0.00   | 0.00   |
| BUILDLN  | STCK2 | 0.00   | 0.00 | 0.00   | 0.00   | 0.00   | 0.00   |
| XBADJ    | STCK1 | 0.00   | 0.00 | -58.18 | -59.09 | -58.21 | -55.55 |
| XBADJ    | STCK1 | -51.21 | 0.00 | 0.00   | 0.00   | 0.00   | 0.00   |
| XBADJ    | STCK1 | 0.00   | 0.00 | 0.00   | 0.00   | 0.00   | 0.00   |
| XBADJ    | STCK1 | 0.00   | 0.00 | 0.00   | 0.00   | 0.00   | 0.00   |
| XBADJ    | STCK1 | 0.00   | 0.00 | 0.00   | 0.00   | 0.00   | 0.00   |
| XBADJ    | STCK1 | 0.00   | 0.00 | 0.00   | 0.00   | 0.00   | 0.00   |
| XBADJ    | STCK2 | 0.00   | 0.00 | -58.18 | -59.08 | -58.19 | -55.53 |
| XBADJ    | STCK2 | -51.19 | 0.00 | 0.00   | 0.00   | 0.00   | 0.00   |
| XBADJ    | STCK2 | 0.00   | 0.00 | 0.00   | 0.00   | 0.00   | 0.00   |
| XBADJ    | STCK2 | 0.00   | 0.00 | 0.00   | 0.00   | 0.00   | 0.00   |
| XBADJ    | STCK2 | 0.00   | 0.00 | 0.00   | 0.00   | 0.00   | 0.00   |
| XBADJ    | STCK2 | 0.00   | 0.00 | 0.00   | 0.00   | 0.00   | 0.00   |

|       |       |        |      |       |      |       |       |
|-------|-------|--------|------|-------|------|-------|-------|
| YBADJ | STCK1 | 0.00   | 0.00 | 12.13 | 5.10 | -2.09 | -9.21 |
| YBADJ | STCK1 | -16.06 | 0.00 | 0.00  | 0.00 | 0.00  | 0.00  |
| YBADJ | STCK1 | 0.00   | 0.00 | 0.00  | 0.00 | 0.00  | 0.00  |
| YBADJ | STCK1 | 0.00   | 0.00 | 0.00  | 0.00 | 0.00  | 0.00  |
| YBADJ | STCK1 | 0.00   | 0.00 | 0.00  | 0.00 | 0.00  | 0.00  |
| YBADJ | STCK1 | 0.00   | 0.00 | 0.00  | 0.00 | 0.00  | 0.00  |
| YBADJ | STCK2 | 0.00   | 0.00 | 12.10 | 5.07 | -2.11 | -9.24 |
| YBADJ | STCK2 | -16.08 | 0.00 | 0.00  | 0.00 | 0.00  | 0.00  |
| YBADJ | STCK2 | 0.00   | 0.00 | 0.00  | 0.00 | 0.00  | 0.00  |
| YBADJ | STCK2 | 0.00   | 0.00 | 0.00  | 0.00 | 0.00  | 0.00  |
| YBADJ | STCK2 | 0.00   | 0.00 | 0.00  | 0.00 | 0.00  | 0.00  |
| YBADJ | STCK2 | 0.00   | 0.00 | 0.00  | 0.00 | 0.00  | 0.00  |

URBANSRC ALL

SRCGROUP Fueling/ VOL1 VOL2 VOL3 VOL4 VOL5 VOL6 VOL13 VOL14

SRCGROUP Spill VOL7 VOL8 VOL9 VOL10 VOL11 VOL12 VOL15 VOL17

SRCGROUP Loading STCK1

SRCGROUP Breathin STCK2

SRCGROUP ALL

SO FINISHED

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\*\* AERMOD Receptor Pathway

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RE STARTING

INCLUDED "Baseline Road Fuel Station\_TOG.rou"

RE FINISHED

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\*\* AERMOD Meteorology Pathway

\*\*\*\*\*

\*\*

\*\*

ME STARTING

SURFFILE "SAC Met\14-18.SFC"

PROFFILE "SAC Met\14-18.PFL"

SURFDATA 93225 2014

UAIRDATA 23230 2014 OAKLAND/WSO\_AP

PROFBASE 1600.0 METERS

ME FINISHED

\*\*

\*\*\*\*\*

\*\* AERMOD Output Pathway

\*\*\*\*\*

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```
OU STARTING
RECTABLE ALLAVE 1ST
RECTABLE 1 1ST
** Auto-Generated Plotfiles
PLOTFILE 1 ALL 1ST "Baseline Road Fuel Station_TOG.AD\01H1GALL.PLT" 31
PLOTFILE 1 Fueling/ 1ST "Baseline Road Fuel Station_TOG.AD\01H1G001.PLT" 32
PLOTFILE 1 Spill 1ST "Baseline Road Fuel Station_TOG.AD\01H1G002.PLT" 33
PLOTFILE 1 Loading 1ST "Baseline Road Fuel Station_TOG.AD\01H1G003.PLT" 34
PLOTFILE 1 Breathin 1ST "Baseline Road Fuel Station_TOG.AD\01H1G004.PLT" 35
PLOTFILE PERIOD ALL "Baseline Road Fuel Station_TOG.AD\PE00GALL.PLT" 36
PLOTFILE PERIOD Fueling/ "Baseline Road Fuel Station_TOG.AD\PE00G001.PLT" 37
PLOTFILE PERIOD Spill "Baseline Road Fuel Station_TOG.AD\PE00G002.PLT" 38
PLOTFILE PERIOD Loading "Baseline Road Fuel Station_TOG.AD\PE00G003.PLT" 39
PLOTFILE PERIOD Breathin "Baseline Road Fuel Station_TOG.AD\PE00G004.PLT" 40
SUMMFILE "Baseline Road Fuel Station_TOG.sum"
OU FINISHED
**
*****
** Project Parameters
*****
** PROJCTN  CoordinateSystemUTM
** DESCPTN  UTM: Universal Transverse Mercator
** DATUM    World Geodetic System 1984
** DTMRGN   Global Definition
** UNITS     m
** ZONE      10
** ZONEINX   0
**
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**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 13.0.0
** Lakes Environmental Software Inc.
** Date: 8/18/2025
** File: C:\Lakes\AERMOD View\Baseline Road Fuel Station_TOG\Baseline Road Fuel
Station_TOG.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\Lakes\AERMOD View\Baseline Road Fuel Station_TOG\Baseline Road Fu
  MODELOPT DFAULT CONC
  AVERTIME 1 PERIOD
  URBANOPT 1600000 Sac_County
  POLLUTID TOG
  RUNORNOT RUN
  ERRORFIL "Baseline Road Fuel Station_TOG.err"
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
  LOCATION VOL1      VOLUME      641735.580  4290586.517      33.760
** DESCRSRC FP_1
  LOCATION VOL2      VOLUME      641735.428  4290577.626      33.760
** DESCRSRC FP_2
  LOCATION VOL3      VOLUME      641735.482  4290568.606      33.760
** DESCRSRC FP_3
  LOCATION VOL4      VOLUME      641751.012  4290582.919      33.830
** DESCRSRC FP_4
  LOCATION VOL5      VOLUME      641751.089  4290573.791      33.830
** DESCRSRC FP_5
  LOCATION VOL6      VOLUME      641751.089  4290564.741      33.830
** DESCRSRC FP_6
  LOCATION VOL7      VOLUME      641735.464  4290586.477      33.760
** DESCRSRC SP_1

```

|                         |           |        |            |             |           |      |
|-------------------------|-----------|--------|------------|-------------|-----------|------|
| LOCATION                | VOL8      | VOLUME | 641735.475 | 4290577.461 | 33.760    |      |
| ** DESCRSRC             | SP_2      |        |            |             |           |      |
| LOCATION                | VOL9      | VOLUME | 641735.707 | 4290568.488 | 33.760    |      |
| ** DESCRSRC             | SP_3      |        |            |             |           |      |
| LOCATION                | VOL10     | VOLUME | 641751.023 | 4290582.876 | 33.830    |      |
| ** DESCRSRC             | SP_4      |        |            |             |           |      |
| LOCATION                | VOL11     | VOLUME | 641751.023 | 4290573.748 | 33.830    |      |
| ** DESCRSRC             | SP_5      |        |            |             |           |      |
| LOCATION                | VOL12     | VOLUME | 641751.130 | 4290564.819 | 33.830    |      |
| ** DESCRSRC             | SP_6      |        |            |             |           |      |
| LOCATION                | STCK1     | POINT  | 641728.960 | 4290606.120 | 33.730    |      |
| ** DESCRSRC             | Loading   |        |            |             |           |      |
| LOCATION                | STCK2     | POINT  | 641728.927 | 4290606.128 | 33.730    |      |
| ** DESCRSRC             | Breathing |        |            |             |           |      |
| LOCATION                | VOL13     | VOLUME | 641735.450 | 4290559.309 | 33.760    |      |
| ** DESCRSRC             | FP_7      |        |            |             |           |      |
| LOCATION                | VOL14     | VOLUME | 641751.165 | 4290555.799 | 33.940    |      |
| ** DESCRSRC             | FP_8      |        |            |             |           |      |
| LOCATION                | VOL15     | VOLUME | 641735.450 | 4290559.309 | 33.760    |      |
| ** DESCRSRC             | SP_7      |        |            |             |           |      |
| LOCATION                | VOL17     | VOLUME | 641751.219 | 4290555.691 | 33.940    |      |
| ** DESCRSRC             | SP_8      |        |            |             |           |      |
| ** Source Parameters ** |           |        |            |             |           |      |
| SRCPARAM                | VOL1      | 0.125  | 1.500      | 2.093       | 1.860     |      |
| SRCPARAM                | VOL2      | 0.125  | 1.500      | 2.093       | 1.860     |      |
| SRCPARAM                | VOL3      | 0.125  | 1.500      | 2.093       | 1.860     |      |
| SRCPARAM                | VOL4      | 0.125  | 1.500      | 2.093       | 1.860     |      |
| SRCPARAM                | VOL5      | 0.125  | 1.500      | 2.093       | 1.860     |      |
| SRCPARAM                | VOL6      | 0.125  | 1.500      | 2.093       | 1.860     |      |
| SRCPARAM                | VOL7      | 0.125  | 1.500      | 2.093       | 1.860     |      |
| SRCPARAM                | VOL8      | 0.125  | 1.500      | 2.093       | 1.860     |      |
| SRCPARAM                | VOL9      | 0.125  | 1.500      | 2.093       | 1.860     |      |
| SRCPARAM                | VOL10     | 0.125  | 1.500      | 2.093       | 1.860     |      |
| SRCPARAM                | VOL11     | 0.125  | 1.500      | 2.093       | 1.860     |      |
| SRCPARAM                | VOL12     | 0.125  | 1.500      | 2.093       | 1.860     |      |
| SRCPARAM                | STCK1     | 1.0    | 3.660      | 291.000     | 0.0009144 | 0.05 |
| SRCPARAM                | STCK2     | 1.0    | 3.660      | 291.000     | 0.0009144 | 0.05 |
| SRCPARAM                | VOL13     | 0.125  | 1.500      | 2.093       | 1.860     |      |
| SRCPARAM                | VOL14     | 0.125  | 1.500      | 2.093       | 1.860     |      |
| SRCPARAM                | VOL15     | 0.125  | 1.500      | 2.093       | 1.860     |      |
| SRCPARAM                | VOL17     | 0.125  | 1.500      | 2.093       | 1.860     |      |
| ** Building Downwash ** |           |        |            |             |           |      |
| BUILDHGT                | STCK1     | 0.00   | 0.00       | 6.10        | 6.10      | 6.10 |
| BUILDHGT                | STCK1     | 6.10   | 0.00       | 0.00        | 0.00      | 0.00 |
| BUILDHGT                | STCK1     | 0.00   | 0.00       | 0.00        | 0.00      | 0.00 |
| BUILDHGT                | STCK1     | 0.00   | 0.00       | 0.00        | 0.00      | 0.00 |
| BUILDHGT                | STCK1     | 0.00   | 0.00       | 0.00        | 0.00      | 0.00 |
| BUILDHGT                | STCK1     | 0.00   | 0.00       | 0.00        | 0.00      | 0.00 |

|          |       |        |      |        |        |        |        |
|----------|-------|--------|------|--------|--------|--------|--------|
| BUILDHGT | STCK2 | 0.00   | 0.00 | 6.10   | 6.10   | 6.10   | 6.10   |
| BUILDHGT | STCK2 | 6.10   | 0.00 | 0.00   | 0.00   | 0.00   | 0.00   |
| BUILDHGT | STCK2 | 0.00   | 0.00 | 0.00   | 0.00   | 0.00   | 0.00   |
| BUILDHGT | STCK2 | 0.00   | 0.00 | 0.00   | 0.00   | 0.00   | 0.00   |
| BUILDHGT | STCK2 | 0.00   | 0.00 | 0.00   | 0.00   | 0.00   | 0.00   |
| BUILDHGT | STCK2 | 0.00   | 0.00 | 0.00   | 0.00   | 0.00   | 0.00   |
|          |       |        |      |        |        |        |        |
| BUILDWID | STCK1 | 0.00   | 0.00 | 29.75  | 33.08  | 35.41  | 36.67  |
| BUILDWID | STCK1 | 36.81  | 0.00 | 0.00   | 0.00   | 0.00   | 0.00   |
| BUILDWID | STCK1 | 0.00   | 0.00 | 0.00   | 0.00   | 0.00   | 0.00   |
| BUILDWID | STCK1 | 0.00   | 0.00 | 0.00   | 0.00   | 0.00   | 0.00   |
| BUILDWID | STCK1 | 0.00   | 0.00 | 0.00   | 0.00   | 0.00   | 0.00   |
| BUILDWID | STCK1 | 0.00   | 0.00 | 0.00   | 0.00   | 0.00   | 0.00   |
|          |       |        |      |        |        |        |        |
| BUILDWID | STCK2 | 0.00   | 0.00 | 29.75  | 33.08  | 35.41  | 36.67  |
| BUILDWID | STCK2 | 36.81  | 0.00 | 0.00   | 0.00   | 0.00   | 0.00   |
| BUILDWID | STCK2 | 0.00   | 0.00 | 0.00   | 0.00   | 0.00   | 0.00   |
| BUILDWID | STCK2 | 0.00   | 0.00 | 0.00   | 0.00   | 0.00   | 0.00   |
| BUILDWID | STCK2 | 0.00   | 0.00 | 0.00   | 0.00   | 0.00   | 0.00   |
| BUILDWID | STCK2 | 0.00   | 0.00 | 0.00   | 0.00   | 0.00   | 0.00   |
|          |       |        |      |        |        |        |        |
| BUILDLN  | STCK1 | 0.00   | 0.00 | 36.99  | 35.70  | 33.33  | 29.94  |
| BUILDLN  | STCK1 | 25.65  | 0.00 | 0.00   | 0.00   | 0.00   | 0.00   |
| BUILDLN  | STCK1 | 0.00   | 0.00 | 0.00   | 0.00   | 0.00   | 0.00   |
| BUILDLN  | STCK1 | 0.00   | 0.00 | 0.00   | 0.00   | 0.00   | 0.00   |
| BUILDLN  | STCK1 | 0.00   | 0.00 | 0.00   | 0.00   | 0.00   | 0.00   |
| BUILDLN  | STCK1 | 0.00   | 0.00 | 0.00   | 0.00   | 0.00   | 0.00   |
|          |       |        |      |        |        |        |        |
| BUILDLN  | STCK2 | 0.00   | 0.00 | 36.99  | 35.70  | 33.33  | 29.94  |
| BUILDLN  | STCK2 | 25.65  | 0.00 | 0.00   | 0.00   | 0.00   | 0.00   |
| BUILDLN  | STCK2 | 0.00   | 0.00 | 0.00   | 0.00   | 0.00   | 0.00   |
| BUILDLN  | STCK2 | 0.00   | 0.00 | 0.00   | 0.00   | 0.00   | 0.00   |
| BUILDLN  | STCK2 | 0.00   | 0.00 | 0.00   | 0.00   | 0.00   | 0.00   |
| BUILDLN  | STCK2 | 0.00   | 0.00 | 0.00   | 0.00   | 0.00   | 0.00   |
|          |       |        |      |        |        |        |        |
| XBADJ    | STCK1 | 0.00   | 0.00 | -58.18 | -59.09 | -58.21 | -55.55 |
| XBADJ    | STCK1 | -51.21 | 0.00 | 0.00   | 0.00   | 0.00   | 0.00   |
| XBADJ    | STCK1 | 0.00   | 0.00 | 0.00   | 0.00   | 0.00   | 0.00   |
| XBADJ    | STCK1 | 0.00   | 0.00 | 0.00   | 0.00   | 0.00   | 0.00   |
| XBADJ    | STCK1 | 0.00   | 0.00 | 0.00   | 0.00   | 0.00   | 0.00   |
| XBADJ    | STCK1 | 0.00   | 0.00 | 0.00   | 0.00   | 0.00   | 0.00   |
|          |       |        |      |        |        |        |        |
| XBADJ    | STCK2 | 0.00   | 0.00 | -58.18 | -59.08 | -58.19 | -55.53 |
| XBADJ    | STCK2 | -51.19 | 0.00 | 0.00   | 0.00   | 0.00   | 0.00   |
| XBADJ    | STCK2 | 0.00   | 0.00 | 0.00   | 0.00   | 0.00   | 0.00   |
| XBADJ    | STCK2 | 0.00   | 0.00 | 0.00   | 0.00   | 0.00   | 0.00   |
| XBADJ    | STCK2 | 0.00   | 0.00 | 0.00   | 0.00   | 0.00   | 0.00   |
| XBADJ    | STCK2 | 0.00   | 0.00 | 0.00   | 0.00   | 0.00   | 0.00   |
|          |       |        |      |        |        |        |        |
| YBADJ    | STCK1 | 0.00   | 0.00 | 12.13  | 5.10   | -2.09  | -9.21  |



|       |       |        |      |       |      |       |       |
|-------|-------|--------|------|-------|------|-------|-------|
| YBADJ | STCK1 | -16.06 | 0.00 | 0.00  | 0.00 | 0.00  | 0.00  |
| YBADJ | STCK1 | 0.00   | 0.00 | 0.00  | 0.00 | 0.00  | 0.00  |
| YBADJ | STCK1 | 0.00   | 0.00 | 0.00  | 0.00 | 0.00  | 0.00  |
| YBADJ | STCK1 | 0.00   | 0.00 | 0.00  | 0.00 | 0.00  | 0.00  |
| YBADJ | STCK1 | 0.00   | 0.00 | 0.00  | 0.00 | 0.00  | 0.00  |
| YBADJ | STCK2 | 0.00   | 0.00 | 12.10 | 5.07 | -2.11 | -9.24 |
| YBADJ | STCK2 | -16.08 | 0.00 | 0.00  | 0.00 | 0.00  | 0.00  |
| YBADJ | STCK2 | 0.00   | 0.00 | 0.00  | 0.00 | 0.00  | 0.00  |
| YBADJ | STCK2 | 0.00   | 0.00 | 0.00  | 0.00 | 0.00  | 0.00  |
| YBADJ | STCK2 | 0.00   | 0.00 | 0.00  | 0.00 | 0.00  | 0.00  |
| YBADJ | STCK2 | 0.00   | 0.00 | 0.00  | 0.00 | 0.00  | 0.00  |

URBANSRC ALL

SRCGROUP Fueling/ VOL1 VOL2 VOL3 VOL4 VOL5 VOL6 VOL13 VOL14

SRCGROUP Spill VOL7 VOL8 VOL9 VOL10 VOL11 VOL12 VOL15 VOL17

SRCGROUP Loading STCK1

SRCGROUP Breathin STCK2

SRCGROUP ALL

SO FINISHED

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\*\* AERMOD Receptor Pathway

\*\*\*\*\*

\*\*

\*\*

RE STARTING

INCLUDED "Baseline Road Fuel Station\_TOG.rou"

RE FINISHED

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\*\*\*\*\*

\*\* AERMOD Meteorology Pathway

\*\*\*\*\*

\*\*

\*\*

ME STARTING

SURFFILE "SAC Met\14-18.SFC"

PROFFILE "SAC Met\14-18.PFL"

SURFDATA 93225 2014

UAIRDATA 23230 2014 OAKLAND/WSO\_AP

PROFBASE 1600.0 METERS

ME FINISHED

\*\*

\*\*\*\*\*

\*\* AERMOD Output Pathway

\*\*\*\*\*

\*\*

\*\*

OU STARTING

RECTABLE ALLAVE 1ST

```
RECTABLE 1 1ST
** Auto-Generated Plotfiles
PLOTFILE 1 ALL 1ST "Baseline Road Fuel Station_TOG.AD\01H1GALL.PLT" 31
PLOTFILE 1 Fueling/ 1ST "Baseline Road Fuel Station_TOG.AD\01H1G001.PLT" 32
PLOTFILE 1 Spill 1ST "Baseline Road Fuel Station_TOG.AD\01H1G002.PLT" 33
PLOTFILE 1 Loading 1ST "Baseline Road Fuel Station_TOG.AD\01H1G003.PLT" 34
PLOTFILE 1 Breathin 1ST "Baseline Road Fuel Station_TOG.AD\01H1G004.PLT" 35
PLOTFILE PERIOD ALL "Baseline Road Fuel Station_TOG.AD\PE00GALL.PLT" 36
PLOTFILE PERIOD Fueling/ "Baseline Road Fuel Station_TOG.AD\PE00G001.PLT" 37
PLOTFILE PERIOD Spill "Baseline Road Fuel Station_TOG.AD\PE00G002.PLT" 38
PLOTFILE PERIOD Loading "Baseline Road Fuel Station_TOG.AD\PE00G003.PLT" 39
PLOTFILE PERIOD Breathin "Baseline Road Fuel Station_TOG.AD\PE00G004.PLT" 40
SUMMFILE "Baseline Road Fuel Station_TOG.sum"
OU FINISHED
```

\*\*\* Message Summary For AERMOD Model Setup \*\*\*

----- Summary of Total Messages -----

```
A Total of      0 Fatal Error Message(s)
A Total of      2 Warning Message(s)
A Total of      0 Informational Message(s)
```

```
***** FATAL ERROR MESSAGES *****
*** NONE ***
```

```
***** WARNING MESSAGES *****
ME W186      191      MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
              0.50
ME W187      191      MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET
```

```
*****
*** SETUP Finishes Successfully ***
*****
```

```
▲ *** AERMOD - VERSION 24142 ***      *** C:\Lakes\AERMOD View\Baseline Road Fuel
Station_TOG\Baseline Road Fu ***      08/18/25
*** AERMET - VERSION 19191 ***      ***
***                               ***      13:19:08
```

```
PAGE 1
*** MODELOPTs:  RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

\*\*\* MODEL SETUP OPTIONS SUMMARY

\*\*\*

-----

- - - - -

**\*\* Model Options Selected:**

- \* Model Uses Regulatory DEFAULT Options
- \* Model Is Setup For Calculation of Average CONCentration Values.
- \* NO GAS DEPOSITION Data Provided.
- \* NO PARTICLE DEPOSITION Data Provided.
- \* Model Uses NO DRY DEPLETION. DDPLETE = F
- \* Model Uses NO WET DEPLETION. WETDPLT = F
- \* Stack-tip Downwash.
- \* Model Accounts for ELEVated Terrain Effects.
- \* Use Calms Processing Routine.
- \* Use Missing Data Processing Routine.
- \* No Exponential Decay.
- \* Model Uses URBAN Dispersion Algorithm for the SBL for 18 Source(s),  
for Total of 1 Urban Area(s):  
Urban Population = 1600000.0 ; Urban Roughness Length = 1.000 m
- \* Urban Roughness Length of 1.0 Meter Used.
- \* ADJ\_U\* - Use ADJ\_U\* option for SBL in AERMET
- \* CCVR\_Sub - Meteorological data includes CCVR substitutions
- \* TEMP\_Sub - Meteorological data includes TEMP substitutions
- \* Model Assumes No FLAGPOLE Receptor Heights.
- \* The User Specified a Pollutant Type of: TOG

**\*\*Model Calculates 1 Short Term Average(s) of: 1-HR  
and Calculates PERIOD Averages**

**\*\*This Run Includes: 18 Source(s); 5 Source Group(s); and 617  
Receptor(s)**

with: 2 POINT(s), including  
0 POINTCAP(s) and 0 POINTHOR(s)  
and: 16 VOLUME source(s)  
and: 0 AREA type source(s)  
and: 0 LINE source(s)  
and: 0 RLINE/RLINEXT source(s)  
and: 0 OPENPIT source(s)  
and: 0 BUOYANT LINE source(s) with a total of 0 line(s)  
and: 0 SWPOINT source(s)

**\*\*Model Set To Continue RUNning After the Setup Testing.**

**\*\*The AERMET Input Meteorological Data Version Date: 19191**

**\*\*Output Options Selected:**

Model Outputs Tables of PERIOD Averages by Receptor  
Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE  
Keyword)  
Model Outputs External File(s) of High Values for Plotting (PLOTFILE

Keyword)

Model Outputs Separate Summary File of High Ranked Values (SUMMFILE

Keyword)

\*\*NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours  
m for Missing

Hours

b for Both Calm

and Missing Hours

\*\*Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 1600.00 ; Decay  
Coef. = 0.000 ; Rot. Angle = 0.0  
Emission Units = GRAMS/SEC ;  
Emission Rate Unit Factor = 0.10000E+07  
Output Units = MICROGRAMS/M\*\*3

\*\*Approximate Storage Requirements of Model = 3.7 MB of RAM.

\*\*Input Runstream File: aermod.inp

\*\*Output Print File: aermod.out

\*\*Detailed Error/Message File: Baseline Road Fuel Station\_TOG.err

\*\*File for Summary of Results: Baseline Road Fuel Station\_TOG.sum

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* \*\*\* C:\Lakes\AERMOD View\Baseline Road Fuel  
Station\_TOG\Baseline Road Fu \*\*\* 08/18/25  
\*\*\* AERMET - VERSION 19191 \*\*\* \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* POINT SOURCE DATA \*\*\*

| STACK     | STACK    | BLDG        | URBAN    | CAP/      | EMIS RATE | BASE     | STACK   | STACK |
|-----------|----------|-------------|----------|-----------|-----------|----------|---------|-------|
| SOURCE    | PART.    | (GRAMS/SEC) | X        | Y         | ELEV.     | HEIGHT   | TEMP.   |       |
| EXIT VEL. | DIAMETER | EXISTS      | SOURCE   | HOR       | SCALAR    |          |         |       |
| ID        | CATS.    |             | (METERS) | (METERS)  | (METERS)  | (METERS) | (DEG.K) |       |
| (M/SEC)   | (METERS) |             | VARY BY  |           |           |          |         |       |
| STCK1     | 0        | 0.10000E+01 | 641729.0 | 4290606.1 | 33.7      | 3.66     | 291.00  |       |
| 0.00      | 0.05     | YES         | YES      | NO        |           |          |         |       |
| STCK2     | 0        | 0.10000E+01 | 641728.9 | 4290606.1 | 33.7      | 3.66     | 291.00  |       |

0.00 0.05 YES YES NO

▲ \*\*\* AERMOD - VERSION 24142 \*\*\*

Station\_TOG\Baseline Road Fu \*\*\*

\*\*\* AERMET - VERSION 19191 \*\*\*

\*\*\*

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* VOLUME SOURCE DATA \*\*\*

| INIT.    | URBAN  | NUMBER   | EMISSION | RATE     |          | BASE     | RELEASE  | INIT.    |
|----------|--------|----------|----------|----------|----------|----------|----------|----------|
| SOURCE   |        | EMISSION | RATE     | AIRCRAFT |          | ELEV.    | HEIGHT   | SY       |
| SZ       | SOURCE | SCALAR   | VARY     | X        | Y        | (METERS) | (METERS) | (METERS) |
| ID       |        | CATS.    |          | (METERS) | (METERS) | (METERS) | (METERS) | (METERS) |
| (METERS) |        | BY       |          |          |          |          |          |          |

|       |     |   |             |          |           |      |      |      |
|-------|-----|---|-------------|----------|-----------|------|------|------|
| VOL1  |     | 0 | 0.12500E+00 | 641735.6 | 4290586.5 | 33.8 | 1.50 | 2.09 |
| 1.86  | YES |   | NO          |          |           |      |      |      |
| VOL2  |     | 0 | 0.12500E+00 | 641735.4 | 4290577.6 | 33.8 | 1.50 | 2.09 |
| 1.86  | YES |   | NO          |          |           |      |      |      |
| VOL3  |     | 0 | 0.12500E+00 | 641735.5 | 4290568.6 | 33.8 | 1.50 | 2.09 |
| 1.86  | YES |   | NO          |          |           |      |      |      |
| VOL4  |     | 0 | 0.12500E+00 | 641751.0 | 4290582.9 | 33.8 | 1.50 | 2.09 |
| 1.86  | YES |   | NO          |          |           |      |      |      |
| VOL5  |     | 0 | 0.12500E+00 | 641751.1 | 4290573.8 | 33.8 | 1.50 | 2.09 |
| 1.86  | YES |   | NO          |          |           |      |      |      |
| VOL6  |     | 0 | 0.12500E+00 | 641751.1 | 4290564.7 | 33.8 | 1.50 | 2.09 |
| 1.86  | YES |   | NO          |          |           |      |      |      |
| VOL7  |     | 0 | 0.12500E+00 | 641735.5 | 4290586.5 | 33.8 | 1.50 | 2.09 |
| 1.86  | YES |   | NO          |          |           |      |      |      |
| VOL8  |     | 0 | 0.12500E+00 | 641735.5 | 4290577.5 | 33.8 | 1.50 | 2.09 |
| 1.86  | YES |   | NO          |          |           |      |      |      |
| VOL9  |     | 0 | 0.12500E+00 | 641735.7 | 4290568.5 | 33.8 | 1.50 | 2.09 |
| 1.86  | YES |   | NO          |          |           |      |      |      |
| VOL10 |     | 0 | 0.12500E+00 | 641751.0 | 4290582.9 | 33.8 | 1.50 | 2.09 |
| 1.86  | YES |   | NO          |          |           |      |      |      |
| VOL11 |     | 0 | 0.12500E+00 | 641751.0 | 4290573.7 | 33.8 | 1.50 | 2.09 |
| 1.86  | YES |   | NO          |          |           |      |      |      |
| VOL12 |     | 0 | 0.12500E+00 | 641751.1 | 4290564.8 | 33.8 | 1.50 | 2.09 |
| 1.86  | YES |   | NO          |          |           |      |      |      |
| VOL13 |     | 0 | 0.12500E+00 | 641735.5 | 4290559.3 | 33.8 | 1.50 | 2.09 |
| 1.86  | YES |   | NO          |          |           |      |      |      |
| VOL14 |     | 0 | 0.12500E+00 | 641751.2 | 4290555.8 | 33.9 | 1.50 | 2.09 |
| 1.86  | YES |   | NO          |          |           |      |      |      |
| VOL15 |     | 0 | 0.12500E+00 | 641735.5 | 4290559.3 | 33.8 | 1.50 | 2.09 |

1.86 YES NO  
VOL17 0 0.12500E+00 641751.2 4290555.7 33.9 1.50 2.09

1.86 YES NO  
\*\*\* AERMOD - VERSION 24142 \*\*\* \*\*\* C:\Lakes\AERMOD View\Baseline Road Fuel  
Station\_TOG\Baseline Road Fu \*\*\* 08/18/25

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS

\*\*\*

| SRCGROUP ID      | SOURCE IDs                                         |
|------------------|----------------------------------------------------|
| -----            | -----                                              |
| FUELING/<br>VOL6 | VOL1, VOL2, VOL3, VOL4, VOL5,<br>VOL13, VOL14,     |
| SPILL<br>VOL12   | VOL7, VOL8, VOL9, VOL10, VOL11,<br>VOL15, VOL17,   |
| LOADING          | STCK1,                                             |
| BREATHIN         | STCK2,                                             |
| ALL<br>VOL6      | VOL1, VOL2, VOL3, VOL4, VOL5,<br>VOL7, VOL8,       |
| STCK2            | VOL9, VOL10, VOL11, VOL12, STCK1,<br>VOL13, VOL14, |
|                  | VOL15, VOL17,                                      |

\*\*\* AERMOD - VERSION 24142 \*\*\* \*\*\* C:\Lakes\AERMOD View\Baseline Road Fuel  
Station\_TOG\Baseline Road Fu \*\*\* 08/18/25

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* SOURCE IDs DEFINED AS URBAN SOURCES

\*\*\*

| URBAN ID | URBAN POP | SOURCE IDs |
|----------|-----------|------------|
| -----    | -----     | -----      |

1600000. VOL1 , VOL2 , VOL3 , VOL4 ,  
VOL5 , VOL6 , VOL7 ,  
VOL8 ,

VOL9 , VOL10 , VOL11 , VOL12 , STCK1 ,  
STCK2 , VOL13 , VOL14 ,

VOL15 , VOL17 ,  
\*\*\* AERMOD - VERSION 24142 \*\*\* \*\*\* C:\Lakes\AERMOD View\Baseline Road Fuel  
Station\_TOG\Baseline Road Fu \*\*\* 08/18/25  
\*\*\* AERMET - VERSION 19191 \*\*\* \*\*\*  
\*\*\* 13:19:08

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* DIRECTION SPECIFIC BUILDING

DIMENSIONS \*\*\*

SOURCE ID: STCK1

| IFV    | BH    | BW    | BL    | XADJ   | YADJ   | IFV | BH   | BW    | BL    | XADJ |
|--------|-------|-------|-------|--------|--------|-----|------|-------|-------|------|
| YADJ   |       |       |       |        |        |     |      |       |       |      |
| 1      | 0.0,  | 0.0,  | 0.0,  | 0.0,   | 0.0,   | 2   | 0.0, | 0.0,  | 0.0,  |      |
| 0.0,   | 0.0,  |       |       |        |        |     |      |       |       |      |
| 3      | 6.1,  | 29.8, | 37.0, | -58.2, | 12.1,  | 4   | 6.1, | 33.1, | 35.7, |      |
| -59.1, | 5.1,  |       |       |        |        |     |      |       |       |      |
| 5      | 6.1,  | 35.4, | 33.3, | -58.2, | -2.1,  | 6   | 6.1, | 36.7, | 29.9, |      |
| -55.5, | -9.2, |       |       |        |        |     |      |       |       |      |
| 7      | 6.1,  | 36.8, | 25.7, | -51.2, | -16.1, | 8   | 0.0, | 0.0,  | 0.0,  |      |
| 0.0,   | 0.0,  |       |       |        |        |     |      |       |       |      |
| 9      | 0.0,  | 0.0,  | 0.0,  | 0.0,   | 0.0,   | 10  | 0.0, | 0.0,  | 0.0,  |      |
| 0.0,   | 0.0,  |       |       |        |        |     |      |       |       |      |
| 11     | 0.0,  | 0.0,  | 0.0,  | 0.0,   | 0.0,   | 12  | 0.0, | 0.0,  | 0.0,  |      |
| 0.0,   | 0.0,  |       |       |        |        |     |      |       |       |      |
| 13     | 0.0,  | 0.0,  | 0.0,  | 0.0,   | 0.0,   | 14  | 0.0, | 0.0,  | 0.0,  |      |
| 0.0,   | 0.0,  |       |       |        |        |     |      |       |       |      |
| 15     | 0.0,  | 0.0,  | 0.0,  | 0.0,   | 0.0,   | 16  | 0.0, | 0.0,  | 0.0,  |      |
| 0.0,   | 0.0,  |       |       |        |        |     |      |       |       |      |
| 17     | 0.0,  | 0.0,  | 0.0,  | 0.0,   | 0.0,   | 18  | 0.0, | 0.0,  | 0.0,  |      |
| 0.0,   | 0.0,  |       |       |        |        |     |      |       |       |      |
| 19     | 0.0,  | 0.0,  | 0.0,  | 0.0,   | 0.0,   | 20  | 0.0, | 0.0,  | 0.0,  |      |
| 0.0,   | 0.0,  |       |       |        |        |     |      |       |       |      |
| 21     | 0.0,  | 0.0,  | 0.0,  | 0.0,   | 0.0,   | 22  | 0.0, | 0.0,  | 0.0,  |      |
| 0.0,   | 0.0,  |       |       |        |        |     |      |       |       |      |
| 23     | 0.0,  | 0.0,  | 0.0,  | 0.0,   | 0.0,   | 24  | 0.0, | 0.0,  | 0.0,  |      |
| 0.0,   | 0.0,  |       |       |        |        |     |      |       |       |      |
| 25     | 0.0,  | 0.0,  | 0.0,  | 0.0,   | 0.0,   | 26  | 0.0, | 0.0,  | 0.0,  |      |





35 0.0, 0.0, 0.0, 0.0, 0.0, 36 0.0, 0.0, 0.0,  
0.0, 0.0,

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* \*\*\* C:\Lakes\AERMOD View\Baseline Road Fuel  
Station\_TOG\Baseline Road Fu \*\*\* 08/18/25

\*\*\* AERMET - VERSION 19191 \*\*\* \*\*\*  
\*\*\* 13:19:08

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

|                        |       |       |       |             |
|------------------------|-------|-------|-------|-------------|
| ( 641284.3, 4290506.7, | 31.5, | 31.5, | 0.0); | ( 641324.3, |
| 4290506.7, 32.0, 32.0, | 0.0); |       |       |             |
| ( 641364.3, 4290506.7, | 32.6, | 32.6, | 0.0); | ( 641404.3, |
| 4290506.7, 32.9, 32.9, | 0.0); |       |       |             |
| ( 641284.3, 4290546.7, | 31.1, | 31.1, | 0.0); | ( 641324.3, |
| 4290546.7, 31.6, 31.6, | 0.0); |       |       |             |
| ( 641364.3, 4290546.7, | 32.4, | 32.4, | 0.0); | ( 641404.3, |
| 4290546.7, 33.3, 33.3, | 0.0); |       |       |             |
| ( 641284.3, 4290586.7, | 31.0, | 31.0, | 0.0); | ( 641324.3, |
| 4290586.7, 31.5, 31.5, | 0.0); |       |       |             |
| ( 641364.3, 4290586.7, | 32.2, | 32.2, | 0.0); | ( 641404.3, |
| 4290586.7, 32.8, 32.8, | 0.0); |       |       |             |
| ( 641284.3, 4290626.7, | 31.3, | 31.3, | 0.0); | ( 641324.3, |
| 4290626.7, 31.3, 31.3, | 0.0); |       |       |             |
| ( 641364.3, 4290626.7, | 31.7, | 31.7, | 0.0); | ( 641404.3, |
| 4290626.7, 31.6, 31.6, | 0.0); |       |       |             |
| ( 641284.3, 4290666.7, | 31.7, | 31.7, | 0.0); | ( 641324.3, |
| 4290666.7, 31.7, 31.7, | 0.0); |       |       |             |
| ( 641364.3, 4290666.7, | 32.4, | 32.4, | 0.0); | ( 641404.3, |
| 4290666.7, 31.8, 31.8, | 0.0); |       |       |             |
| ( 641284.3, 4290706.7, | 32.0, | 32.0, | 0.0); | ( 641324.3, |
| 4290706.7, 32.0, 32.0, | 0.0); |       |       |             |
| ( 641364.3, 4290706.7, | 33.1, | 33.1, | 0.0); | ( 641404.3, |
| 4290706.7, 32.7, 32.7, | 0.0); |       |       |             |
| ( 641284.3, 4290746.7, | 32.6, | 32.6, | 0.0); | ( 641324.3, |
| 4290746.7, 32.1, 32.1, | 0.0); |       |       |             |
| ( 641364.3, 4290746.7, | 33.0, | 33.0, | 0.0); | ( 641404.3, |
| 4290746.7, 33.3, 33.3, | 0.0); |       |       |             |
| ( 641284.3, 4290786.7, | 33.2, | 33.2, | 0.0); | ( 641324.3, |
| 4290786.7, 32.3, 32.3, | 0.0); |       |       |             |
| ( 641364.3, 4290786.7, | 32.7, | 32.7, | 0.0); | ( 641404.3, |
| 4290786.7, 33.6, 33.6, | 0.0); |       |       |             |
| ( 641284.3, 4290826.7, | 33.7, | 33.7, | 0.0); | ( 641324.3, |
| 4290826.7, 32.8, 32.8, | 0.0); |       |       |             |
| ( 641364.3, 4290826.7, | 32.4, | 32.4, | 0.0); | ( 641404.3, |

|                        |       |       |       |             |  |
|------------------------|-------|-------|-------|-------------|--|
| 4290826.7,             | 33.5, | 33.5, | 0.0); |             |  |
| ( 641284.3, 4290866.7, | 33.8, | 33.8, | 0.0); | ( 641324.3, |  |
| 4290866.7,             | 33.0, | 33.0, | 0.0); |             |  |
| ( 641364.3, 4290866.7, | 32.5, | 32.5, | 0.0); | ( 641404.3, |  |
| 4290866.7,             | 33.6, | 33.6, | 0.0); |             |  |
| ( 641268.3, 4290889.8, | 34.1, | 34.1, | 0.0); | ( 641308.3, |  |
| 4290889.8,             | 33.5, | 33.5, | 0.0); |             |  |
| ( 641348.3, 4290889.8, | 32.7, | 32.7, | 0.0); | ( 641388.3, |  |
| 4290889.8,             | 33.0, | 33.0, | 0.0); |             |  |
| ( 641428.3, 4290889.8, | 34.4, | 34.4, | 0.0); | ( 641468.3, |  |
| 4290889.8,             | 34.4, | 34.4, | 0.0); |             |  |
| ( 641508.3, 4290889.8, | 34.2, | 34.2, | 0.0); | ( 641548.3, |  |
| 4290889.8,             | 34.0, | 34.0, | 0.0); |             |  |
| ( 641588.3, 4290889.8, | 33.9, | 33.9, | 0.0); | ( 641628.3, |  |
| 4290889.8,             | 33.7, | 33.7, | 0.0); |             |  |
| ( 642188.3, 4290889.8, | 34.9, | 34.9, | 0.0); | ( 642228.3, |  |
| 4290889.8,             | 35.2, | 35.2, | 0.0); |             |  |
| ( 642268.3, 4290889.8, | 35.4, | 35.4, | 0.0); | ( 642308.3, |  |
| 4290889.8,             | 35.6, | 35.6, | 0.0); |             |  |
| ( 642348.3, 4290889.8, | 35.8, | 35.8, | 0.0); | ( 642388.3, |  |
| 4290889.8,             | 35.9, | 35.9, | 0.0); |             |  |
| ( 642428.3, 4290889.8, | 36.0, | 36.0, | 0.0); | ( 641268.3, |  |
| 4290929.8,             | 34.4, | 34.4, | 0.0); |             |  |
| ( 641308.3, 4290929.8, | 33.7, | 33.7, | 0.0); | ( 641348.3, |  |
| 4290929.8,             | 33.0, | 33.0, | 0.0); |             |  |
| ( 641388.3, 4290929.8, | 33.1, | 33.1, | 0.0); | ( 641428.3, |  |
| 4290929.8,             | 34.5, | 34.5, | 0.0); |             |  |
| ( 641468.3, 4290929.8, | 34.5, | 34.5, | 0.0); | ( 641508.3, |  |
| 4290929.8,             | 34.4, | 34.4, | 0.0); |             |  |
| ( 641548.3, 4290929.8, | 34.2, | 34.2, | 0.0); | ( 641588.3, |  |
| 4290929.8,             | 34.0, | 34.0, | 0.0); |             |  |
| ( 641628.3, 4290929.8, | 33.9, | 33.9, | 0.0); | ( 642188.3, |  |
| 4290929.8,             | 35.1, | 35.1, | 0.0); |             |  |
| ( 642228.3, 4290929.8, | 35.7, | 35.7, | 0.0); | ( 642268.3, |  |
| 4290929.8,             | 35.8, | 35.8, | 0.0); |             |  |
| ( 642308.3, 4290929.8, | 36.1, | 36.1, | 0.0); | ( 642348.3, |  |
| 4290929.8,             | 36.3, | 36.3, | 0.0); |             |  |
| ( 642388.3, 4290929.8, | 36.4, | 36.4, | 0.0); | ( 642428.3, |  |
| 4290929.8,             | 36.3, | 36.3, | 0.0); |             |  |
| ( 641268.3, 4290969.8, | 34.3, | 34.3, | 0.0); | ( 641308.3, |  |
| 4290969.8,             | 33.8, | 33.8, | 0.0); |             |  |
| ( 641348.3, 4290969.8, | 33.3, | 33.3, | 0.0); | ( 641388.3, |  |
| 4290969.8,             | 33.2, | 33.2, | 0.0); |             |  |
| ( 641428.3, 4290969.8, | 34.6, | 34.6, | 0.0); | ( 641468.3, |  |
| 4290969.8,             | 34.6, | 34.6, | 0.0); |             |  |
| ( 641508.3, 4290969.8, | 34.5, | 34.5, | 0.0); | ( 641548.3, |  |
| 4290969.8,             | 34.4, | 34.4, | 0.0); |             |  |
| ( 641588.3, 4290969.8, | 34.2, | 34.2, | 0.0); | ( 641628.3, |  |
| 4290969.8,             | 34.1, | 34.1, | 0.0); |             |  |
| ( 641668.3, 4290969.8, | 34.0, | 34.0, | 0.0); | ( 641708.3, |  |

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4290969.8,      33.9,      33.9,      0.0);
( 641748.3, 4290969.8,      33.8,      33.8,      0.0);      ( 641788.3,
4290969.8,      33.6,      33.6,      0.0);
( 641828.3, 4290969.8,      33.5,      33.5,      0.0);      ( 641868.3,
4290969.8,      33.8,      33.8,      0.0);
^ *** AERMOD - VERSION 24142 ***      *** C:\Lakes\AERMOD View\Baseline Road Fuel
Station_TOG\Baseline Road Fu ***      08/18/25
*** AERMET - VERSION 19191 ***      ***
***      13:19:08

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

( 641908.3, 4290969.8,      34.0,      34.0,      0.0);      ( 641948.3,
4290969.8,      33.9,      33.9,      0.0);
( 642188.3, 4290969.8,      35.1,      35.1,      0.0);      ( 642228.3,
4290969.8,      35.8,      35.8,      0.0);
( 642268.3, 4290969.8,      35.8,      35.8,      0.0);      ( 642308.3,
4290969.8,      36.0,      36.0,      0.0);
( 642348.3, 4290969.8,      36.3,      36.3,      0.0);      ( 642388.3,
4290969.8,      36.7,      36.7,      0.0);
( 642428.3, 4290969.8,      36.8,      36.8,      0.0);      ( 641268.3,
4291009.8,      34.2,      34.2,      0.0);
( 641308.3, 4291009.8,      34.0,      34.0,      0.0);      ( 641348.3,
4291009.8,      33.8,      33.8,      0.0);
( 641388.3, 4291009.8,      33.4,      33.4,      0.0);      ( 641428.3,
4291009.8,      34.8,      34.8,      0.0);
( 641468.3, 4291009.8,      34.8,      34.8,      0.0);      ( 641508.3,
4291009.8,      34.7,      34.7,      0.0);
( 641548.3, 4291009.8,      34.5,      34.5,      0.0);      ( 641588.3,
4291009.8,      34.4,      34.4,      0.0);
( 641628.3, 4291009.8,      34.3,      34.3,      0.0);      ( 641668.3,
4291009.8,      34.2,      34.2,      0.0);
( 641708.3, 4291009.8,      34.2,      34.2,      0.0);      ( 641748.3,
4291009.8,      34.2,      34.2,      0.0);
( 641788.3, 4291009.8,      34.2,      34.2,      0.0);      ( 641828.3,
4291009.8,      34.6,      34.6,      0.0);
( 641868.3, 4291009.8,      34.6,      34.6,      0.0);      ( 641908.3,
4291009.8,      34.7,      34.7,      0.0);
( 641948.3, 4291009.8,      34.7,      34.7,      0.0);      ( 642188.3,
4291009.8,      34.7,      34.7,      0.0);
( 642228.3, 4291009.8,      35.2,      35.2,      0.0);      ( 642268.3,
4291009.8,      35.3,      35.3,      0.0);
( 642308.3, 4291009.8,      35.6,      35.6,      0.0);      ( 642348.3,
4291009.8,      36.1,      36.1,      0.0);
( 642388.3, 4291009.8,      36.5,      36.5,      0.0);      ( 642428.3,

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|                        |       |       |       |             |  |
|------------------------|-------|-------|-------|-------------|--|
| 4291009.8,             | 36.6, | 36.6, | 0.0); |             |  |
| ( 641268.3, 4291049.8, | 34.6, | 34.6, | 0.0); | ( 641308.3, |  |
| 4291049.8,             | 34.7, | 34.7, | 0.0); |             |  |
| ( 641348.3, 4291049.8, | 34.1, | 34.1, | 0.0); | ( 641388.3, |  |
| 4291049.8,             | 33.7, | 33.7, | 0.0); |             |  |
| ( 641428.3, 4291049.8, | 34.9, | 34.9, | 0.0); | ( 641468.3, |  |
| 4291049.8,             | 35.0, | 35.0, | 0.0); |             |  |
| ( 641508.3, 4291049.8, | 34.9, | 34.9, | 0.0); | ( 641548.3, |  |
| 4291049.8,             | 34.7, | 34.7, | 0.0); |             |  |
| ( 641588.3, 4291049.8, | 34.6, | 34.6, | 0.0); | ( 641628.3, |  |
| 4291049.8,             | 34.5, | 34.5, | 0.0); |             |  |
| ( 641668.3, 4291049.8, | 34.5, | 34.5, | 0.0); | ( 641708.3, |  |
| 4291049.8,             | 34.4, | 34.4, | 0.0); |             |  |
| ( 641748.3, 4291049.8, | 34.4, | 34.4, | 0.0); | ( 641788.3, |  |
| 4291049.8,             | 34.4, | 34.4, | 0.0); |             |  |
| ( 641828.3, 4291049.8, | 34.9, | 34.9, | 0.0); | ( 641868.3, |  |
| 4291049.8,             | 34.8, | 34.8, | 0.0); |             |  |
| ( 641908.3, 4291049.8, | 34.9, | 34.9, | 0.0); | ( 641948.3, |  |
| 4291049.8,             | 34.9, | 34.9, | 0.0); |             |  |
| ( 642188.3, 4291049.8, | 34.8, | 34.8, | 0.0); | ( 642228.3, |  |
| 4291049.8,             | 34.8, | 34.8, | 0.0); |             |  |
| ( 642268.3, 4291049.8, | 35.0, | 35.0, | 0.0); | ( 642308.3, |  |
| 4291049.8,             | 35.3, | 35.3, | 0.0); |             |  |
| ( 642348.3, 4291049.8, | 35.7, | 35.7, | 0.0); | ( 642388.3, |  |
| 4291049.8,             | 36.0, | 36.0, | 0.0); |             |  |
| ( 642428.3, 4291049.8, | 36.0, | 36.0, | 0.0); | ( 641268.3, |  |
| 4291089.8,             | 35.3, | 35.3, | 0.0); |             |  |
| ( 641308.3, 4291089.8, | 35.2, | 35.2, | 0.0); | ( 641348.3, |  |
| 4291089.8,             | 34.3, | 34.3, | 0.0); |             |  |
| ( 641388.3, 4291089.8, | 33.8, | 33.8, | 0.0); | ( 641428.3, |  |
| 4291089.8,             | 35.2, | 35.2, | 0.0); |             |  |
| ( 641468.3, 4291089.8, | 35.3, | 35.3, | 0.0); | ( 641508.3, |  |
| 4291089.8,             | 35.1, | 35.1, | 0.0); |             |  |
| ( 641548.3, 4291089.8, | 35.0, | 35.0, | 0.0); | ( 641588.3, |  |
| 4291089.8,             | 34.9, | 34.9, | 0.0); |             |  |
| ( 641628.3, 4291089.8, | 34.8, | 34.8, | 0.0); | ( 641668.3, |  |
| 4291089.8,             | 34.7, | 34.7, | 0.0); |             |  |
| ( 641708.3, 4291089.8, | 34.7, | 34.7, | 0.0); | ( 641748.3, |  |
| 4291089.8,             | 34.6, | 34.6, | 0.0); |             |  |
| ( 641788.3, 4291089.8, | 34.6, | 34.6, | 0.0); | ( 641828.3, |  |
| 4291089.8,             | 35.1, | 35.1, | 0.0); |             |  |
| ( 641868.3, 4291089.8, | 35.0, | 35.0, | 0.0); | ( 641908.3, |  |
| 4291089.8,             | 35.1, | 35.1, | 0.0); |             |  |
| ( 641948.3, 4291089.8, | 35.0, | 35.0, | 0.0); | ( 641988.3, |  |
| 4291089.8,             | 34.8, | 34.8, | 0.0); |             |  |
| ( 642028.3, 4291089.8, | 35.0, | 35.0, | 0.0); | ( 642068.3, |  |
| 4291089.8,             | 35.1, | 35.1, | 0.0); |             |  |
| ( 642108.3, 4291089.8, | 34.2, | 34.2, | 0.0); | ( 642148.3, |  |
| 4291089.8,             | 35.1, | 35.1, | 0.0); |             |  |
| ( 641268.3, 4291129.8, | 36.1, | 36.1, | 0.0); | ( 641308.3, |  |

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4291129.8,      35.7,      35.7,      0.0);
( 641348.3, 4291129.8,      34.5,      34.5,      0.0);      ( 641388.3,
4291129.8,      34.1,      34.1,      0.0);
( 641428.3, 4291129.8,      35.5,      35.5,      0.0);      ( 641468.3,
4291129.8,      35.7,      35.7,      0.0);
( 641508.3, 4291129.8,      35.5,      35.5,      0.0);      ( 641548.3,
4291129.8,      35.3,      35.3,      0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Baseline Road Fuel
Station_TOG\Baseline Road Fu *** 08/18/25
*** AERMET - VERSION 19191 *** ***
*** 13:19:08

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

( 641588.3, 4291129.8,      35.2,      35.2,      0.0);      ( 641628.3,
4291129.8,      35.1,      35.1,      0.0);
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4291129.8,      35.0,      35.0,      0.0);
( 641748.3, 4291129.8,      35.0,      35.0,      0.0);      ( 641788.3,
4291129.8,      35.0,      35.0,      0.0);
( 641828.3, 4291129.8,      35.2,      35.2,      0.0);      ( 641868.3,
4291129.8,      35.1,      35.1,      0.0);
( 641908.3, 4291129.8,      35.2,      35.2,      0.0);      ( 641948.3,
4291129.8,      35.1,      35.1,      0.0);
( 641988.3, 4291129.8,      35.2,      35.2,      0.0);      ( 642028.3,
4291129.8,      35.2,      35.2,      0.0);
( 642068.3, 4291129.8,      35.1,      35.1,      0.0);      ( 642108.3,
4291129.8,      35.0,      35.0,      0.0);
( 642148.3, 4291129.8,      35.3,      35.3,      0.0);      ( 641374.6,
4290226.8,      33.4,      33.4,      0.0);
( 641414.6, 4290226.8,      33.5,      33.5,      0.0);      ( 641454.6,
4290226.8,      33.9,      33.9,      0.0);
( 641494.6, 4290226.8,      34.5,      34.5,      0.0);      ( 641534.6,
4290226.8,      35.0,      35.0,      0.0);
( 641574.6, 4290226.8,      35.5,      35.5,      0.0);      ( 641614.6,
4290226.8,      35.8,      35.8,      0.0);
( 641654.6, 4290226.8,      35.2,      35.2,      0.0);      ( 641694.6,
4290226.8,      34.2,      34.2,      0.0);
( 641734.6, 4290226.8,      34.1,      34.1,      0.0);      ( 641774.6,
4290226.8,      34.4,      34.4,      0.0);
( 641814.6, 4290226.8,      34.6,      34.6,      0.0);      ( 641854.6,
4290226.8,      34.9,      34.9,      0.0);
( 641894.6, 4290226.8,      35.1,      35.1,      0.0);      ( 641934.6,
4290226.8,      35.6,      35.6,      0.0);
( 641974.6, 4290226.8,      36.1,      36.1,      0.0);      ( 642014.6,

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|             |            |       |       |       |             |
|-------------|------------|-------|-------|-------|-------------|
| 4290226.8,  | 36.4,      | 36.4, | 0.0); |       |             |
| ( 642054.6, | 4290226.8, | 36.7, | 36.7, | 0.0); | ( 642094.6, |
| 4290226.8,  | 37.1,      | 37.1, | 0.0); |       |             |
| ( 642134.6, | 4290226.8, | 37.3, | 37.3, | 0.0); | ( 642174.6, |
| 4290226.8,  | 37.3,      | 37.3, | 0.0); |       |             |
| ( 642214.6, | 4290226.8, | 37.5, | 37.5, | 0.0); | ( 642254.6, |
| 4290226.8,  | 37.5,      | 37.5, | 0.0); |       |             |
| ( 642294.6, | 4290226.8, | 37.0, | 37.0, | 0.0); | ( 642334.6, |
| 4290226.8,  | 36.2,      | 36.2, | 0.0); |       |             |
| ( 642374.6, | 4290226.8, | 36.1, | 36.1, | 0.0); | ( 642414.6, |
| 4290226.8,  | 36.3,      | 36.3, | 0.0); |       |             |
| ( 642454.6, | 4290226.8, | 36.4, | 36.4, | 0.0); | ( 642494.6, |
| 4290226.8,  | 36.8,      | 36.8, | 0.0); |       |             |
| ( 642534.6, | 4290226.8, | 37.5, | 37.5, | 0.0); | ( 642574.6, |
| 4290226.8,  | 38.5,      | 38.5, | 0.0); |       |             |
| ( 642614.6, | 4290226.8, | 38.7, | 38.7, | 0.0); | ( 641374.6, |
| 4290266.8,  | 33.3,      | 33.3, | 0.0); |       |             |
| ( 641414.6, | 4290266.8, | 33.7, | 33.7, | 0.0); | ( 641454.6, |
| 4290266.8,  | 34.5,      | 34.5, | 0.0); |       |             |
| ( 641494.6, | 4290266.8, | 34.9, | 34.9, | 0.0); | ( 641534.6, |
| 4290266.8,  | 35.3,      | 35.3, | 0.0); |       |             |
| ( 641574.6, | 4290266.8, | 35.2, | 35.2, | 0.0); | ( 641614.6, |
| 4290266.8,  | 34.8,      | 34.8, | 0.0); |       |             |
| ( 641654.6, | 4290266.8, | 34.2, | 34.2, | 0.0); | ( 641694.6, |
| 4290266.8,  | 33.8,      | 33.8, | 0.0); |       |             |
| ( 641734.6, | 4290266.8, | 33.9, | 33.9, | 0.0); | ( 641774.6, |
| 4290266.8,  | 34.2,      | 34.2, | 0.0); |       |             |
| ( 641814.6, | 4290266.8, | 34.5, | 34.5, | 0.0); | ( 641854.6, |
| 4290266.8,  | 34.6,      | 34.6, | 0.0); |       |             |
| ( 641894.6, | 4290266.8, | 35.0, | 35.0, | 0.0); | ( 641934.6, |
| 4290266.8,  | 35.5,      | 35.5, | 0.0); |       |             |
| ( 641974.6, | 4290266.8, | 35.9, | 35.9, | 0.0); | ( 642014.6, |
| 4290266.8,  | 36.3,      | 36.3, | 0.0); |       |             |
| ( 642054.6, | 4290266.8, | 36.8, | 36.8, | 0.0); | ( 642094.6, |
| 4290266.8,  | 37.1,      | 37.1, | 0.0); |       |             |
| ( 642134.6, | 4290266.8, | 37.0, | 37.0, | 0.0); | ( 642174.6, |
| 4290266.8,  | 36.8,      | 36.8, | 0.0); |       |             |
| ( 642214.6, | 4290266.8, | 36.8, | 36.8, | 0.0); | ( 642254.6, |
| 4290266.8,  | 37.0,      | 37.0, | 0.0); |       |             |
| ( 642294.6, | 4290266.8, | 36.5, | 36.5, | 0.0); | ( 642334.6, |
| 4290266.8,  | 35.8,      | 35.8, | 0.0); |       |             |
| ( 642374.6, | 4290266.8, | 36.0, | 36.0, | 0.0); | ( 642414.6, |
| 4290266.8,  | 36.5,      | 36.5, | 0.0); |       |             |
| ( 642454.6, | 4290266.8, | 36.5, | 36.5, | 0.0); | ( 642494.6, |
| 4290266.8,  | 36.7,      | 36.7, | 0.0); |       |             |
| ( 642534.6, | 4290266.8, | 37.2, | 37.2, | 0.0); | ( 642574.6, |
| 4290266.8,  | 38.3,      | 38.3, | 0.0); |       |             |
| ( 642614.6, | 4290266.8, | 38.6, | 38.6, | 0.0); | ( 641374.6, |
| 4290306.8,  | 33.3,      | 33.3, | 0.0); |       |             |
| ( 641414.6, | 4290306.8, | 34.0, | 34.0, | 0.0); | ( 641454.6, |

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4290306.8,      34.7,      34.7,      0.0);
( 641494.6, 4290306.8,      35.0,      35.0,      0.0);      ( 641534.6,
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( 641574.6, 4290306.8,      34.0,      34.0,      0.0);      ( 641614.6,
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( 641654.6, 4290306.8,      33.4,      33.4,      0.0);      ( 641694.6,
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( 641734.6, 4290306.8,      34.2,      34.2,      0.0);      ( 641774.6,
4290306.8,      34.8,      34.8,      0.0);
^ *** AERMOD - VERSION 24142 ***      *** C:\Lakes\AERMOD View\Baseline Road Fuel
Station_TOG\Baseline Road Fu ***      08/18/25
*** AERMET - VERSION 19191 ***      ***
***      13:19:08

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

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( 641974.6, 4290306.8,      35.9,      35.9,      0.0);      ( 642014.6,
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( 642054.6, 4290306.8,      37.0,      37.0,      0.0);      ( 642094.6,
4290306.8,      36.9,      36.9,      0.0);
( 642134.6, 4290306.8,      36.7,      36.7,      0.0);      ( 642174.6,
4290306.8,      36.4,      36.4,      0.0);
( 642214.6, 4290306.8,      36.2,      36.2,      0.0);      ( 642254.6,
4290306.8,      36.1,      36.1,      0.0);
( 642294.6, 4290306.8,      35.9,      35.9,      0.0);      ( 642334.6,
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( 642374.6, 4290306.8,      36.4,      36.4,      0.0);      ( 642414.6,
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( 642534.6, 4290306.8,      37.2,      37.2,      0.0);      ( 642574.6,
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( 642614.6, 4290306.8,      38.8,      38.8,      0.0);      ( 641374.6,
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( 641414.6, 4290346.8,      34.2,      34.2,      0.0);      ( 641454.6,
4290346.8,      34.2,      34.2,      0.0);
( 641494.6, 4290346.8,      33.9,      33.9,      0.0);      ( 641534.6,
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( 641574.6, 4290346.8,      33.1,      33.1,      0.0);      ( 641614.6,
4290346.8,      33.1,      33.1,      0.0);
( 641654.6, 4290346.8,      33.5,      33.5,      0.0);      ( 641694.6,

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|             |            |       |       |       |             |
|-------------|------------|-------|-------|-------|-------------|
| 4290346.8,  | 34.2,      | 34.2, | 0.0); |       |             |
| ( 641734.6, | 4290346.8, | 34.6, | 34.6, | 0.0); | ( 641774.6, |
| 4290346.8,  | 35.1,      | 35.1, | 0.0); |       |             |
| ( 641814.6, | 4290346.8, | 35.5, | 35.5, | 0.0); | ( 641854.6, |
| 4290346.8,  | 35.7,      | 35.7, | 0.0); |       |             |
| ( 641894.6, | 4290346.8, | 36.0, | 36.0, | 0.0); | ( 641934.6, |
| 4290346.8,  | 36.2,      | 36.2, | 0.0); |       |             |
| ( 641974.6, | 4290346.8, | 36.3, | 36.3, | 0.0); | ( 642014.6, |
| 4290346.8,  | 36.5,      | 36.5, | 0.0); |       |             |
| ( 642054.6, | 4290346.8, | 36.7, | 36.7, | 0.0); | ( 642094.6, |
| 4290346.8,  | 36.5,      | 36.5, | 0.0); |       |             |
| ( 642134.6, | 4290346.8, | 36.5, | 36.5, | 0.0); | ( 642174.6, |
| 4290346.8,  | 36.2,      | 36.2, | 0.0); |       |             |
| ( 642214.6, | 4290346.8, | 35.9, | 35.9, | 0.0); | ( 642254.6, |
| 4290346.8,  | 35.6,      | 35.6, | 0.0); |       |             |
| ( 642294.6, | 4290346.8, | 35.5, | 35.5, | 0.0); | ( 642334.6, |
| 4290346.8,  | 35.6,      | 35.6, | 0.0); |       |             |
| ( 642374.6, | 4290346.8, | 36.3, | 36.3, | 0.0); | ( 642414.6, |
| 4290346.8,  | 37.0,      | 37.0, | 0.0); |       |             |
| ( 642454.6, | 4290346.8, | 37.1, | 37.1, | 0.0); | ( 642494.6, |
| 4290346.8,  | 37.1,      | 37.1, | 0.0); |       |             |
| ( 642534.6, | 4290346.8, | 37.4, | 37.4, | 0.0); | ( 642574.6, |
| 4290346.8,  | 38.1,      | 38.1, | 0.0); |       |             |
| ( 642614.6, | 4290346.8, | 38.8, | 38.8, | 0.0); | ( 641374.6, |
| 4290386.8,  | 34.0,      | 34.0, | 0.0); |       |             |
| ( 641414.6, | 4290386.8, | 34.0, | 34.0, | 0.0); | ( 641454.6, |
| 4290386.8,  | 33.7,      | 33.7, | 0.0); |       |             |
| ( 641494.6, | 4290386.8, | 33.0, | 33.0, | 0.0); | ( 641534.6, |
| 4290386.8,  | 32.9,      | 32.9, | 0.0); |       |             |
| ( 641574.6, | 4290386.8, | 33.2, | 33.2, | 0.0); | ( 641614.6, |
| 4290386.8,  | 33.5,      | 33.5, | 0.0); |       |             |
| ( 641654.6, | 4290386.8, | 33.8, | 33.8, | 0.0); | ( 641694.6, |
| 4290386.8,  | 34.3,      | 34.3, | 0.0); |       |             |
| ( 641734.6, | 4290386.8, | 34.9, | 34.9, | 0.0); | ( 641774.6, |
| 4290386.8,  | 35.5,      | 35.5, | 0.0); |       |             |
| ( 641814.6, | 4290386.8, | 35.9, | 35.9, | 0.0); | ( 641854.6, |
| 4290386.8,  | 36.1,      | 36.1, | 0.0); |       |             |
| ( 641894.6, | 4290386.8, | 36.5, | 36.5, | 0.0); | ( 641934.6, |
| 4290386.8,  | 36.9,      | 36.9, | 0.0); |       |             |
| ( 641974.6, | 4290386.8, | 37.0, | 37.0, | 0.0); | ( 642014.6, |
| 4290386.8,  | 36.7,      | 36.7, | 0.0); |       |             |
| ( 642054.6, | 4290386.8, | 36.3, | 36.3, | 0.0); | ( 642094.6, |
| 4290386.8,  | 35.9,      | 35.9, | 0.0); |       |             |
| ( 642134.6, | 4290386.8, | 36.0, | 36.0, | 0.0); | ( 642174.6, |
| 4290386.8,  | 35.6,      | 35.6, | 0.0); |       |             |
| ( 642214.6, | 4290386.8, | 35.3, | 35.3, | 0.0); | ( 642254.6, |
| 4290386.8,  | 35.2,      | 35.2, | 0.0); |       |             |
| ( 642294.6, | 4290386.8, | 35.3, | 35.3, | 0.0); | ( 642334.6, |
| 4290386.8,  | 35.9,      | 35.9, | 0.0); |       |             |
| ( 642374.6, | 4290386.8, | 36.5, | 36.5, | 0.0); | ( 642414.6, |

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4290386.8,      37.4,      37.4,      0.0);
( 642454.6, 4290386.8,      37.4,      37.4,      0.0);      ( 642494.6,
4290386.8,      37.4,      37.4,      0.0);
( 642534.6, 4290386.8,      37.6,      37.6,      0.0);      ( 642574.6,
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( 642614.6, 4290386.8,      38.7,      38.7,      0.0);      ( 641374.6,
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( 641494.6, 4290426.8,      32.6,      32.6,      0.0);      ( 641534.6,
4290426.8,      33.3,      33.3,      0.0);
^ *** AERMOD - VERSION 24142 ***      *** C:\Lakes\AERMOD View\Baseline Road Fuel
Station_TOG\Baseline Road Fu ***      08/18/25
*** AERMET - VERSION 19191 ***      ***
***      13:19:08

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

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( 641734.6, 4290426.8,      35.1,      35.1,      0.0);      ( 641774.6,
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( 641814.6, 4290426.8,      36.1,      36.1,      0.0);      ( 641854.6,
4290426.8,      36.1,      36.1,      0.0);
( 641894.6, 4290426.8,      36.4,      36.4,      0.0);      ( 641934.6,
4290426.8,      36.9,      36.9,      0.0);
( 641974.6, 4290426.8,      37.0,      37.0,      0.0);      ( 642014.6,
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( 642054.6, 4290426.8,      35.8,      35.8,      0.0);      ( 642094.6,
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( 642134.6, 4290426.8,      35.1,      35.1,      0.0);      ( 642174.6,
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( 642214.6, 4290426.8,      35.0,      35.0,      0.0);      ( 642254.6,
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( 642294.6, 4290426.8,      35.6,      35.6,      0.0);      ( 642334.6,
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( 642374.6, 4290426.8,      36.7,      36.7,      0.0);      ( 642414.6,
4290426.8,      37.5,      37.5,      0.0);
( 642454.6, 4290426.8,      37.8,      37.8,      0.0);      ( 642494.6,
4290426.8,      37.9,      37.9,      0.0);
( 642534.6, 4290426.8,      37.8,      37.8,      0.0);      ( 642574.6,
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( 642614.6, 4290426.8,      38.5,      38.5,      0.0);      ( 641374.6,

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|             |            |       |       |       |             |
|-------------|------------|-------|-------|-------|-------------|
| 4290466.8,  | 32.7,      | 32.7, | 0.0); |       |             |
| ( 641414.6, | 4290466.8, | 32.8, | 32.8, | 0.0); | ( 641454.6, |
| 4290466.8,  | 32.8,      | 32.8, | 0.0); |       |             |
| ( 641494.6, | 4290466.8, | 32.6, | 32.6, | 0.0); | ( 641534.6, |
| 4290466.8,  | 33.4,      | 33.4, | 0.0); |       |             |
| ( 641574.6, | 4290466.8, | 33.9, | 33.9, | 0.0); | ( 641614.6, |
| 4290466.8,  | 34.3,      | 34.3, | 0.0); |       |             |
| ( 641654.6, | 4290466.8, | 35.1, | 35.1, | 0.0); | ( 641694.6, |
| 4290466.8,  | 35.2,      | 35.2, | 0.0); |       |             |
| ( 641734.6, | 4290466.8, | 35.4, | 35.4, | 0.0); | ( 641774.6, |
| 4290466.8,  | 35.6,      | 35.6, | 0.0); |       |             |
| ( 641814.6, | 4290466.8, | 35.6, | 35.6, | 0.0); | ( 641854.6, |
| 4290466.8,  | 35.7,      | 35.7, | 0.0); |       |             |
| ( 641894.6, | 4290466.8, | 35.9, | 35.9, | 0.0); | ( 641934.6, |
| 4290466.8,  | 36.5,      | 36.5, | 0.0); |       |             |
| ( 641974.6, | 4290466.8, | 36.5, | 36.5, | 0.0); | ( 642014.6, |
| 4290466.8,  | 36.1,      | 36.1, | 0.0); |       |             |
| ( 642054.6, | 4290466.8, | 35.4, | 35.4, | 0.0); | ( 642094.6, |
| 4290466.8,  | 34.8,      | 34.8, | 0.0); |       |             |
| ( 642134.6, | 4290466.8, | 34.6, | 34.6, | 0.0); | ( 642174.6, |
| 4290466.8,  | 34.8,      | 34.8, | 0.0); |       |             |
| ( 642214.6, | 4290466.8, | 35.3, | 35.3, | 0.0); | ( 642254.6, |
| 4290466.8,  | 35.9,      | 35.9, | 0.0); |       |             |
| ( 642294.6, | 4290466.8, | 35.9, | 35.9, | 0.0); | ( 642334.6, |
| 4290466.8,  | 36.2,      | 36.2, | 0.0); |       |             |
| ( 642374.6, | 4290466.8, | 36.8, | 36.8, | 0.0); | ( 642414.6, |
| 4290466.8,  | 37.5,      | 37.5, | 0.0); |       |             |
| ( 642454.6, | 4290466.8, | 38.2, | 38.2, | 0.0); | ( 642494.6, |
| 4290466.8,  | 38.5,      | 38.5, | 0.0); |       |             |
| ( 642534.6, | 4290466.8, | 38.4, | 38.4, | 0.0); | ( 642574.6, |
| 4290466.8,  | 38.5,      | 38.5, | 0.0); |       |             |
| ( 642614.6, | 4290466.8, | 38.2, | 38.2, | 0.0); | ( 641920.1, |
| 4290522.6,  | 35.4,      | 35.4, | 0.0); |       |             |
| ( 641960.1, | 4290522.6, | 35.4, | 35.4, | 0.0); | ( 642000.1, |
| 4290522.6,  | 35.4,      | 35.4, | 0.0); |       |             |
| ( 642040.1, | 4290522.6, | 35.2, | 35.2, | 0.0); | ( 642080.1, |
| 4290522.6,  | 35.0,      | 35.0, | 0.0); |       |             |
| ( 642120.1, | 4290522.6, | 35.2, | 35.2, | 0.0); | ( 642160.1, |
| 4290522.6,  | 35.5,      | 35.5, | 0.0); |       |             |
| ( 642200.1, | 4290522.6, | 35.8, | 35.8, | 0.0); | ( 642240.1, |
| 4290522.6,  | 36.1,      | 36.1, | 0.0); |       |             |
| ( 642280.1, | 4290522.6, | 36.3, | 36.3, | 0.0); | ( 642320.1, |
| 4290522.6,  | 36.6,      | 36.6, | 0.0); |       |             |
| ( 642360.1, | 4290522.6, | 36.9, | 36.9, | 0.0); | ( 642400.1, |
| 4290522.6,  | 37.3,      | 37.3, | 0.0); |       |             |
| ( 642440.1, | 4290522.6, | 37.9, | 37.9, | 0.0); | ( 642480.1, |
| 4290522.6,  | 38.1,      | 38.1, | 0.0); |       |             |
| ( 642520.1, | 4290522.6, | 38.2, | 38.2, | 0.0); | ( 642560.1, |
| 4290522.6,  | 38.3,      | 38.3, | 0.0); |       |             |
| ( 642600.1, | 4290522.6, | 38.2, | 38.2, | 0.0); | ( 641920.1, |

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4290562.6,      34.5,      34.5,      0.0);
( 641960.1, 4290562.6,      34.7,      34.7,      0.0);      ( 642000.1,
4290562.6,      34.8,      34.8,      0.0);
( 642040.1, 4290562.6,      35.0,      35.0,      0.0);      ( 642080.1,
4290562.6,      35.1,      35.1,      0.0);
( 642120.1, 4290562.6,      35.2,      35.2,      0.0);      ( 642160.1,
4290562.6,      35.5,      35.5,      0.0);
( 642200.1, 4290562.6,      35.5,      35.5,      0.0);      ( 642240.1,
4290562.6,      35.6,      35.6,      0.0);
( 642280.1, 4290562.6,      35.9,      35.9,      0.0);      ( 642320.1,
4290562.6,      36.1,      36.1,      0.0);
( 642360.1, 4290562.6,      36.4,      36.4,      0.0);      ( 642400.1,
4290562.6,      36.7,      36.7,      0.0);
▲ *** AERMOD - VERSION 24142 ***      *** C:\Lakes\AERMOD View\Baseline Road Fuel
Station_TOG\Baseline Road Fu ***      08/18/25
*** AERMET - VERSION 19191 ***      ***
***      13:19:08

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PAGE 12

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

( 642440.1, 4290562.6,      37.0,      37.0,      0.0);      ( 642480.1,
4290562.6,      37.3,      37.3,      0.0);
( 642520.1, 4290562.6,      37.5,      37.5,      0.0);      ( 642560.1,
4290562.6,      37.9,      37.9,      0.0);
( 642600.1, 4290562.6,      38.3,      38.3,      0.0);      ( 641920.1,
4290602.6,      34.5,      34.5,      0.0);
( 641960.1, 4290602.6,      34.6,      34.6,      0.0);      ( 642000.1,
4290602.6,      34.8,      34.8,      0.0);
( 642040.1, 4290602.6,      34.9,      34.9,      0.0);      ( 642080.1,
4290602.6,      35.1,      35.1,      0.0);
( 642120.1, 4290602.6,      35.2,      35.2,      0.0);      ( 642160.1,
4290602.6,      35.4,      35.4,      0.0);
( 642200.1, 4290602.6,      35.3,      35.3,      0.0);      ( 642240.1,
4290602.6,      35.5,      35.5,      0.0);
( 642280.1, 4290602.6,      35.7,      35.7,      0.0);      ( 642320.1,
4290602.6,      35.9,      35.9,      0.0);
( 642360.1, 4290602.6,      36.1,      36.1,      0.0);      ( 642400.1,
4290602.6,      36.3,      36.3,      0.0);
( 642440.1, 4290602.6,      36.6,      36.6,      0.0);      ( 642480.1,
4290602.6,      36.8,      36.8,      0.0);
( 642520.1, 4290602.6,      37.1,      37.1,      0.0);      ( 642560.1,
4290602.6,      37.4,      37.4,      0.0);
( 642600.1, 4290602.6,      38.3,      38.3,      0.0);      ( 641920.1,
4290642.6,      34.5,      34.5,      0.0);
( 641960.1, 4290642.6,      34.6,      34.6,      0.0);      ( 642000.1,

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|             |            |       |       |       |             |
|-------------|------------|-------|-------|-------|-------------|
| 4290642.6,  | 34.8,      | 34.8, | 0.0); |       |             |
| ( 642040.1, | 4290642.6, | 35.0, | 35.0, | 0.0); | ( 642080.1, |
| 4290642.6,  | 35.1,      | 35.1, | 0.0); |       |             |
| ( 642120.1, | 4290642.6, | 35.2, | 35.2, | 0.0); | ( 642160.1, |
| 4290642.6,  | 35.4,      | 35.4, | 0.0); |       |             |
| ( 642200.1, | 4290642.6, | 35.3, | 35.3, | 0.0); | ( 642240.1, |
| 4290642.6,  | 35.4,      | 35.4, | 0.0); |       |             |
| ( 642280.1, | 4290642.6, | 35.6, | 35.6, | 0.0); | ( 642320.1, |
| 4290642.6,  | 35.8,      | 35.8, | 0.0); |       |             |
| ( 642360.1, | 4290642.6, | 36.0, | 36.0, | 0.0); | ( 642400.1, |
| 4290642.6,  | 36.2,      | 36.2, | 0.0); |       |             |
| ( 642440.1, | 4290642.6, | 36.5, | 36.5, | 0.0); | ( 642480.1, |
| 4290642.6,  | 36.7,      | 36.7, | 0.0); |       |             |
| ( 642520.1, | 4290642.6, | 36.9, | 36.9, | 0.0); | ( 642560.1, |
| 4290642.6,  | 37.3,      | 37.3, | 0.0); |       |             |
| ( 642600.1, | 4290642.6, | 37.9, | 37.9, | 0.0); | ( 641920.1, |
| 4290682.6,  | 34.5,      | 34.5, | 0.0); |       |             |
| ( 641960.1, | 4290682.6, | 34.7, | 34.7, | 0.0); | ( 642000.1, |
| 4290682.6,  | 34.8,      | 34.8, | 0.0); |       |             |
| ( 642040.1, | 4290682.6, | 35.0, | 35.0, | 0.0); | ( 642080.1, |
| 4290682.6,  | 35.1,      | 35.1, | 0.0); |       |             |
| ( 642120.1, | 4290682.6, | 35.3, | 35.3, | 0.0); | ( 642160.1, |
| 4290682.6,  | 35.3,      | 35.3, | 0.0); |       |             |
| ( 642200.1, | 4290682.6, | 35.2, | 35.2, | 0.0); | ( 642240.1, |
| 4290682.6,  | 35.4,      | 35.4, | 0.0); |       |             |
| ( 642280.1, | 4290682.6, | 35.6, | 35.6, | 0.0); | ( 642320.1, |
| 4290682.6,  | 35.8,      | 35.8, | 0.0); |       |             |
| ( 642360.1, | 4290682.6, | 36.0, | 36.0, | 0.0); | ( 642400.1, |
| 4290682.6,  | 36.2,      | 36.2, | 0.0); |       |             |
| ( 642440.1, | 4290682.6, | 36.4, | 36.4, | 0.0); | ( 642480.1, |
| 4290682.6,  | 36.6,      | 36.6, | 0.0); |       |             |
| ( 642520.1, | 4290682.6, | 36.8, | 36.8, | 0.0); | ( 642560.1, |
| 4290682.6,  | 37.1,      | 37.1, | 0.0); |       |             |
| ( 642600.1, | 4290682.6, | 37.7, | 37.7, | 0.0); | ( 641920.1, |
| 4290722.6,  | 34.5,      | 34.5, | 0.0); |       |             |
| ( 641960.1, | 4290722.6, | 34.6, | 34.6, | 0.0); | ( 642000.1, |
| 4290722.6,  | 34.8,      | 34.8, | 0.0); |       |             |
| ( 642040.1, | 4290722.6, | 35.0, | 35.0, | 0.0); | ( 642080.1, |
| 4290722.6,  | 35.1,      | 35.1, | 0.0); |       |             |
| ( 642120.1, | 4290722.6, | 35.3, | 35.3, | 0.0); | ( 642160.1, |
| 4290722.6,  | 35.3,      | 35.3, | 0.0); |       |             |
| ( 642200.1, | 4290722.6, | 35.2, | 35.2, | 0.0); | ( 642240.1, |
| 4290722.6,  | 35.4,      | 35.4, | 0.0); |       |             |
| ( 642280.1, | 4290722.6, | 35.6, | 35.6, | 0.0); | ( 642320.1, |
| 4290722.6,  | 35.7,      | 35.7, | 0.0); |       |             |
| ( 642360.1, | 4290722.6, | 35.9, | 35.9, | 0.0); | ( 642400.1, |
| 4290722.6,  | 36.1,      | 36.1, | 0.0); |       |             |
| ( 642440.1, | 4290722.6, | 36.3, | 36.3, | 0.0); | ( 642480.1, |
| 4290722.6,  | 36.5,      | 36.5, | 0.0); |       |             |
| ( 642520.1, | 4290722.6, | 36.8, | 36.8, | 0.0); | ( 642560.1, |

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4290722.6,      37.0,      37.0,      0.0);
  ( 642600.1, 4290722.6,      37.5,      37.5,      0.0);      ( 641920.1,
4290762.6,      34.5,      34.5,      0.0);
  ( 641960.1, 4290762.6,      34.6,      34.6,      0.0);      ( 642000.1,
4290762.6,      34.8,      34.8,      0.0);
  ( 642040.1, 4290762.6,      35.0,      35.0,      0.0);      ( 642080.1,
4290762.6,      35.1,      35.1,      0.0);
  ( 642120.1, 4290762.6,      35.3,      35.3,      0.0);      ( 642160.1,
4290762.6,      35.3,      35.3,      0.0);
  ( 642200.1, 4290762.6,      35.2,      35.2,      0.0);      ( 642240.1,
4290762.6,      35.4,      35.4,      0.0);
  ( 642280.1, 4290762.6,      35.5,      35.5,      0.0);      ( 642320.1,
4290762.6,      35.7,      35.7,      0.0);
  ( 642360.1, 4290762.6,      35.9,      35.9,      0.0);      ( 642400.1,
4290762.6,      36.0,      36.0,      0.0);
^ *** AERMOD - VERSION 24142 ***      *** C:\Lakes\AERMOD View\Baseline Road Fuel
Station_TOG\Baseline Road Fu ***      08/18/25
*** AERMET - VERSION 19191 ***      ***
***      13:19:08

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

  ( 642440.1, 4290762.6,      36.2,      36.2,      0.0);      ( 642480.1,
4290762.6,      36.5,      36.5,      0.0);
  ( 642520.1, 4290762.6,      36.7,      36.7,      0.0);      ( 642560.1,
4290762.6,      37.0,      37.0,      0.0);
  ( 642600.1, 4290762.6,      37.4,      37.4,      0.0);      ( 641920.1,
4290802.6,      34.5,      34.5,      0.0);
  ( 641960.1, 4290802.6,      34.7,      34.7,      0.0);      ( 642000.1,
4290802.6,      34.8,      34.8,      0.0);
  ( 642040.1, 4290802.6,      35.0,      35.0,      0.0);      ( 642080.1,
4290802.6,      35.1,      35.1,      0.0);
  ( 642120.1, 4290802.6,      35.2,      35.2,      0.0);      ( 642160.1,
4290802.6,      35.2,      35.2,      0.0);
  ( 642200.1, 4290802.6,      35.2,      35.2,      0.0);      ( 642240.1,
4290802.6,      35.3,      35.3,      0.0);
  ( 642280.1, 4290802.6,      35.5,      35.5,      0.0);      ( 642320.1,
4290802.6,      35.7,      35.7,      0.0);
  ( 642360.1, 4290802.6,      35.9,      35.9,      0.0);      ( 642400.1,
4290802.6,      36.0,      36.0,      0.0);
  ( 642440.1, 4290802.6,      36.2,      36.2,      0.0);      ( 642480.1,
4290802.6,      36.4,      36.4,      0.0);
  ( 642520.1, 4290802.6,      36.6,      36.6,      0.0);      ( 642560.1,
4290802.6,      36.9,      36.9,      0.0);
  ( 642600.1, 4290802.6,      37.3,      37.3,      0.0);      ( 641920.1,

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|             |            |       |       |       |             |
|-------------|------------|-------|-------|-------|-------------|
| 4290842.6,  | 34.1,      | 34.1, | 0.0); |       |             |
| ( 641960.1, | 4290842.6, | 34.4, | 34.4, | 0.0); | ( 642000.1, |
| 4290842.6,  | 34.6,      | 34.6, | 0.0); |       |             |
| ( 642040.1, | 4290842.6, | 34.7, | 34.7, | 0.0); | ( 642080.1, |
| 4290842.6,  | 34.9,      | 34.9, | 0.0); |       |             |
| ( 642120.1, | 4290842.6, | 35.2, | 35.2, | 0.0); | ( 642160.1, |
| 4290842.6,  | 35.2,      | 35.2, | 0.0); |       |             |
| ( 642200.1, | 4290842.6, | 35.1, | 35.1, | 0.0); | ( 642240.1, |
| 4290842.6,  | 35.3,      | 35.3, | 0.0); |       |             |
| ( 642280.1, | 4290842.6, | 35.5, | 35.5, | 0.0); | ( 642320.1, |
| 4290842.6,  | 35.7,      | 35.7, | 0.0); |       |             |
| ( 642360.1, | 4290842.6, | 35.8, | 35.8, | 0.0); | ( 642400.1, |
| 4290842.6,  | 36.0,      | 36.0, | 0.0); |       |             |
| ( 642440.1, | 4290842.6, | 36.2, | 36.2, | 0.0); | ( 642480.1, |
| 4290842.6,  | 36.4,      | 36.4, | 0.0); |       |             |
| ( 642520.1, | 4290842.6, | 36.6, | 36.6, | 0.0); | ( 642560.1, |
| 4290842.6,  | 36.9,      | 36.9, | 0.0); |       |             |
| ( 642600.1, | 4290842.6, | 37.2, | 37.2, | 0.0); | ( 641920.1, |
| 4290882.6,  | 33.3,      | 33.3, | 0.0); |       |             |
| ( 641960.1, | 4290882.6, | 33.4, | 33.4, | 0.0); | ( 642000.1, |
| 4290882.6,  | 33.6,      | 33.6, | 0.0); |       |             |
| ( 642040.1, | 4290882.6, | 33.5, | 33.5, | 0.0); | ( 642080.1, |
| 4290882.6,  | 33.4,      | 33.4, | 0.0); |       |             |
| ( 642120.1, | 4290882.6, | 34.3, | 34.3, | 0.0); | ( 642160.1, |
| 4290882.6,  | 34.9,      | 34.9, | 0.0); |       |             |
| ( 642200.1, | 4290882.6, | 35.1, | 35.1, | 0.0); | ( 642240.1, |
| 4290882.6,  | 35.3,      | 35.3, | 0.0); |       |             |
| ( 642280.1, | 4290882.6, | 35.4, | 35.4, | 0.0); | ( 642320.1, |
| 4290882.6,  | 35.6,      | 35.6, | 0.0); |       |             |
| ( 642360.1, | 4290882.6, | 35.8, | 35.8, | 0.0); | ( 642400.1, |
| 4290882.6,  | 35.9,      | 35.9, | 0.0); |       |             |
| ( 642440.1, | 4290882.6, | 36.1, | 36.1, | 0.0); | ( 642480.1, |
| 4290882.6,  | 36.3,      | 36.3, | 0.0); |       |             |
| ( 642520.1, | 4290882.6, | 36.5, | 36.5, | 0.0); | ( 642560.1, |
| 4290882.6,  | 36.7,      | 36.7, | 0.0); |       |             |
| ( 642600.1, | 4290882.6, | 37.0, | 37.0, | 0.0); | ( 641450.6, |
| 4290754.4,  | 33.0,      | 33.0, | 0.0); |       |             |
| ( 641490.6, | 4290754.4, | 32.6, | 32.6, | 0.0); | ( 641530.6, |
| 4290754.4,  | 32.7,      | 32.7, | 0.0); |       |             |
| ( 641570.6, | 4290754.4, | 32.3, | 32.3, | 0.0); | ( 641610.6, |
| 4290754.4,  | 32.3,      | 32.3, | 0.0); |       |             |
| ( 641650.6, | 4290754.4, | 32.1, | 32.1, | 0.0); | ( 641450.6, |
| 4290794.4,  | 34.1,      | 34.1, | 0.0); |       |             |
| ( 641490.6, | 4290794.4, | 33.9, | 33.9, | 0.0); | ( 641530.6, |
| 4290794.4,  | 33.7,      | 33.7, | 0.0); |       |             |
| ( 641570.6, | 4290794.4, | 33.4, | 33.4, | 0.0); | ( 641610.6, |
| 4290794.4,  | 32.8,      | 32.8, | 0.0); |       |             |
| ( 641650.6, | 4290794.4, | 32.2, | 32.2, | 0.0); | ( 641450.6, |
| 4290834.4,  | 34.3,      | 34.3, | 0.0); |       |             |
| ( 641490.6, | 4290834.4, | 34.1, | 34.1, | 0.0); | ( 641530.6, |

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*** AERMOD - VERSION 24142 ***      *** C:\Lakes\AERMOD View\Baseline Road Fuel
Station_TOG\Baseline Road Fu ***      08/18/25
*** AERMET - VERSION 19191 ***      ***
***                                ***
***                                13:19:08

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U\*

PROCESSING \*\*\*

[illegible]

\*\*\* UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED

(METERS/SEC)

10.80,

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* UP TO THE FIRST 24 HOURS OF METEOROLOGICAL

DATA \*\*\*

Surface file: SAC Met\14-18.SFC  
Met Version: 19191  
Profile file: SAC Met\14-18.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 93225  
Name: UNKNOWN

Upper air station no.: 23230  
Name:

OAKLAND/WSO\_AP

Year: 2014

Year: 2014

First 24 hours of scalar data

| YR     | MO   | DY   | JDY  | HR    | H0    | U*    | W*     | DT/DZ  | ZICNV | ZIMCH | M-O   | LEN  | Z0   | BOWEN |
|--------|------|------|------|-------|-------|-------|--------|--------|-------|-------|-------|------|------|-------|
| ALBEDO | REF  | WS   | WD   | HT    | REF   | TA    | HT     |        |       |       |       |      |      |       |
| 14     | 01   | 01   | 1    | 01    | -15.5 | 0.166 | -9.000 | -9.000 | -999. | 162.  | 30.3  | 0.05 | 0.69 |       |
| 1.00   | 2.36 | 211. | 10.1 | 275.4 | 2.0   |       |        |        |       |       |       |      |      |       |
| 14     | 01   | 01   | 1    | 02    | -3.4  | 0.079 | -9.000 | -9.000 | -999. | 56.   | 13.1  | 0.06 | 0.69 |       |
| 1.00   | 1.06 | 188. | 10.1 | 273.8 | 2.0   |       |        |        |       |       |       |      |      |       |
| 14     | 01   | 01   | 1    | 03    | -12.2 | 0.146 | -9.000 | -9.000 | -999. | 134.  | 23.5  | 0.05 | 0.69 |       |
| 1.00   | 2.10 | 136. | 10.1 | 275.9 | 2.0   |       |        |        |       |       |       |      |      |       |
| 14     | 01   | 01   | 1    | 04    | -23.3 | 0.226 | -9.000 | -9.000 | -999. | 257.  | 56.0  | 0.05 | 0.69 |       |
| 1.00   | 3.15 | 142. | 10.1 | 277.0 | 2.0   |       |        |        |       |       |       |      |      |       |
| 14     | 01   | 01   | 1    | 05    | -16.2 | 0.171 | -9.000 | -9.000 | -999. | 170.  | 32.2  | 0.06 | 0.69 |       |
| 1.00   | 2.33 | 186. | 10.1 | 274.9 | 2.0   |       |        |        |       |       |       |      |      |       |
| 14     | 01   | 01   | 1    | 06    | -3.0  | 0.076 | -9.000 | -9.000 | -999. | 55.   | 12.9  | 0.06 | 0.69 |       |
| 1.00   | 0.99 | 204. | 10.1 | 273.1 | 2.0   |       |        |        |       |       |       |      |      |       |
| 14     | 01   | 01   | 1    | 07    | -4.8  | 0.092 | -9.000 | -9.000 | -999. | 67.   | 14.7  | 0.07 | 0.69 |       |
| 1.00   | 1.28 | 171. | 10.1 | 272.0 | 2.0   |       |        |        |       |       |       |      |      |       |
| 14     | 01   | 01   | 1    | 08    | -1.8  | 0.065 | -9.000 | -9.000 | -999. | 40.   | 14.3  | 0.06 | 0.69 |       |
| 1.00   | 0.67 | 183. | 10.1 | 273.1 | 2.0   |       |        |        |       |       |       |      |      |       |
| 14     | 01   | 01   | 1    | 09    | -0.3  | 0.062 | -9.000 | -9.000 | -999. | 37.   | 75.4  | 0.06 | 0.69 |       |
| 0.41   | 0.82 | 181. | 10.1 | 278.1 | 2.0   |       |        |        |       |       |       |      |      |       |
| 14     | 01   | 01   | 1    | 10    | 36.6  | 0.151 | 0.431  | 0.020  | 80.   | 141.  | -8.6  | 0.05 | 0.69 |       |
| 0.28   | 1.55 | 141. | 10.1 | 280.4 | 2.0   |       |        |        |       |       |       |      |      |       |
| 14     | 01   | 01   | 1    | 11    | 65.9  | 0.162 | 0.666  | 0.019  | 163.  | 157.  | -5.9  | 0.07 | 0.69 |       |
| 0.24   | 1.48 | 161. | 10.1 | 283.1 | 2.0   |       |        |        |       |       |       |      |      |       |
| 14     | 01   | 01   | 1    | 12    | 82.5  | 0.174 | 0.784  | 0.017  | 212.  | 175.  | -5.8  | 0.07 | 0.69 |       |
| 0.22   | 1.59 | 152. | 10.1 | 285.9 | 2.0   |       |        |        |       |       |       |      |      |       |
| 14     | 01   | 01   | 1    | 13    | 86.0  | 0.219 | 0.835  | 0.015  | 246.  | 246.  | -11.1 | 0.07 | 0.69 |       |
| 0.22   | 2.18 | 154. | 10.1 | 288.1 | 2.0   |       |        |        |       |       |       |      |      |       |
| 14     | 01   | 01   | 1    | 14    | 74.8  | 0.234 | 0.838  | 0.014  | 286.  | 272.  | -15.6 | 0.05 | 0.69 |       |

|      |      |      |      |       |      |       |        |        |       |      |       |      |      |
|------|------|------|------|-------|------|-------|--------|--------|-------|------|-------|------|------|
| 0.23 | 2.56 | 229. | 10.1 | 288.1 | 2.0  |       |        |        |       |      |       |      |      |
| 14   | 01   | 01   | 1    | 15    | 42.8 | 0.198 | 0.714  | 0.013  | 308.  | 212. | -16.5 | 0.06 | 0.69 |
| 0.26 | 2.08 | 180. | 10.1 | 288.8 | 2.0  |       |        |        |       |      |       |      |      |
| 14   | 01   | 01   | 1    | 16    | 15.1 | 0.151 | 0.507  | 0.013  | 315.  | 141. | -20.7 | 0.06 | 0.69 |
| 0.35 | 1.62 | 194. | 10.1 | 288.1 | 2.0  |       |        |        |       |      |       |      |      |
| 14   | 01   | 01   | 1    | 17    | -9.6 | 0.137 | -9.000 | -9.000 | -999. | 122. | 24.4  | 0.05 | 0.69 |
| 0.61 | 1.96 | 223. | 10.1 | 286.4 | 2.0  |       |        |        |       |      |       |      |      |
| 14   | 01   | 01   | 1    | 18    | -1.5 | 0.061 | -9.000 | -9.000 | -999. | 38.  | 13.6  | 0.04 | 0.69 |
| 1.00 | 0.65 | 251. | 10.1 | 283.8 | 2.0  |       |        |        |       |      |       |      |      |
| 14   | 01   | 01   | 1    | 19    | -1.5 | 0.058 | -9.000 | -9.000 | -999. | 34.  | 12.1  | 0.02 | 0.69 |
| 1.00 | 0.72 | 47.  | 10.1 | 280.9 | 2.0  |       |        |        |       |      |       |      |      |
| 14   | 01   | 01   | 1    | 20    | -3.4 | 0.076 | -9.000 | -9.000 | -999. | 50.  | 11.8  | 0.03 | 0.69 |
| 1.00 | 1.20 | 81.  | 10.1 | 278.8 | 2.0  |       |        |        |       |      |       |      |      |
| 14   | 01   | 01   | 1    | 21    | -2.2 | 0.065 | -9.000 | -9.000 | -999. | 40.  | 11.5  | 0.03 | 0.69 |
| 1.00 | 0.91 | 73.  | 10.1 | 278.8 | 2.0  |       |        |        |       |      |       |      |      |
| 14   | 01   | 01   | 1    | 22    | -1.6 | 0.059 | -9.000 | -9.000 | -999. | 35.  | 12.0  | 0.02 | 0.69 |
| 1.00 | 0.74 | 22.  | 10.1 | 279.2 | 2.0  |       |        |        |       |      |       |      |      |
| 14   | 01   | 01   | 1    | 23    | -1.9 | 0.063 | -9.000 | -9.000 | -999. | 38.  | 11.9  | 0.03 | 0.69 |
| 1.00 | 0.82 | 60.  | 10.1 | 277.0 | 2.0  |       |        |        |       |      |       |      |      |
| 14   | 01   | 01   | 1    | 24    | -5.1 | 0.090 | -9.000 | -9.000 | -999. | 65.  | 13.1  | 0.02 | 0.69 |
| 1.00 | 1.57 | 34.  | 10.1 | 276.4 | 2.0  |       |        |        |       |      |       |      |      |

First hour of profile data

| YR | MO | DY | HR | HEIGHT | F | WDIR | WSPD | AMB_TMP | sigmaA | sigmaW | sigmaV |
|----|----|----|----|--------|---|------|------|---------|--------|--------|--------|
| 14 | 01 | 01 | 01 | 10.1   | 1 | 211. | 2.36 | 275.4   | 99.0   | -99.00 | -99.00 |

F indicates top of profile (=1) or below (=0)

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 Station\_TOG\Baseline Road Fu \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43680 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: FUELING/ \*\*\*

INCLUDING SOURCE(S): VOL1 , VOL2  
 , VOL3 , VOL4 , VOL5 ,  
 VOL6 , VOL13 , VOL14 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF TOG IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) |
|-------------|-------------|------|-------------|
| Y-COORD (M) | CONC        |      |             |

|            |           |            |         |           |
|------------|-----------|------------|---------|-----------|
| -----      |           |            |         |           |
|            | 641284.31 | 4290506.68 | 2.24898 | 641324.31 |
| 4290506.68 | 2.62629   |            |         |           |
|            | 641364.31 | 4290506.68 | 3.11393 | 641404.31 |
| 4290506.68 | 3.75765   |            |         |           |
|            | 641284.31 | 4290546.68 | 2.30285 | 641324.31 |
| 4290546.68 | 2.70000   |            |         |           |
|            | 641364.31 | 4290546.68 | 3.22072 | 641404.31 |
| 4290546.68 | 3.91824   |            |         |           |
|            | 641284.31 | 4290586.68 | 2.33947 | 641324.31 |
| 4290586.68 | 2.74888   |            |         |           |
|            | 641364.31 | 4290586.68 | 3.28626 | 641404.31 |
| 4290586.68 | 4.00864   |            |         |           |
|            | 641284.31 | 4290626.68 | 2.37006 | 641324.31 |
| 4290626.68 | 2.78288   |            |         |           |
|            | 641364.31 | 4290626.68 | 3.32812 | 641404.31 |
| 4290626.68 | 4.05821   |            |         |           |
|            | 641284.31 | 4290666.68 | 2.39617 | 641324.31 |
| 4290666.68 | 2.81528   |            |         |           |
|            | 641364.31 | 4290666.68 | 3.37225 | 641404.31 |
| 4290666.68 | 4.11102   |            |         |           |
|            | 641284.31 | 4290706.68 | 2.41585 | 641324.31 |
| 4290706.68 | 2.84157   |            |         |           |
|            | 641364.31 | 4290706.68 | 3.40958 | 641404.31 |
| 4290706.68 | 4.17253   |            |         |           |
|            | 641284.31 | 4290746.68 | 2.43550 | 641324.31 |
| 4290746.68 | 2.86843   |            |         |           |
|            | 641364.31 | 4290746.68 | 3.45249 | 641404.31 |
| 4290746.68 | 4.25399   |            |         |           |
|            | 641284.31 | 4290786.68 | 2.46202 | 641324.31 |
| 4290786.68 | 2.90986   |            |         |           |
|            | 641364.31 | 4290786.68 | 3.51689 | 641404.31 |
| 4290786.68 | 4.36313   |            |         |           |
|            | 641284.31 | 4290826.68 | 2.50031 | 641324.31 |
| 4290826.68 | 2.96906   |            |         |           |
|            | 641364.31 | 4290826.68 | 3.59957 | 641404.31 |
| 4290826.68 | 4.48242   |            |         |           |
|            | 641284.31 | 4290866.68 | 2.54837 | 641324.31 |
| 4290866.68 | 3.03630   |            |         |           |
|            | 641364.31 | 4290866.68 | 3.68752 | 641404.31 |
| 4290866.68 | 4.58468   |            |         |           |
|            | 641268.28 | 4290889.76 | 2.41336 | 641308.28 |
| 4290889.76 | 2.85996   |            |         |           |
|            | 641348.28 | 4290889.76 | 3.44531 | 641388.28 |
| 4290889.76 | 4.23416   |            |         |           |
|            | 641428.28 | 4290889.76 | 5.29990 | 641468.28 |
| 4290889.76 | 6.71427   |            |         |           |
|            | 641508.28 | 4290889.76 | 8.51097 | 641548.28 |
| 4290889.76 | 10.59062  |            |         |           |

|            |            |          |           |
|------------|------------|----------|-----------|
| 641588.28  | 4290889.76 | 12.66470 | 641628.28 |
| 4290889.76 | 14.30149   |          |           |
| 642188.28  | 4290889.76 | 1.79156  | 642228.28 |
| 4290889.76 | 1.58900    |          |           |
| 642268.28  | 4290889.76 | 1.42185  | 642308.28 |
| 4290889.76 | 1.28191    |          |           |
| 642348.28  | 4290889.76 | 1.16327  | 642388.28 |
| 4290889.76 | 1.06146    |          |           |
| 642428.28  | 4290889.76 | 0.97313  | 641268.28 |
| 4290929.76 | 2.46021    |          |           |
| 641308.28  | 4290929.76 | 2.91636  | 641348.28 |
| 4290929.76 | 3.50642    |          |           |
| 641388.28  | 4290929.76 | 4.28102  | 641428.28 |
| 4290929.76 | 5.28529    |          |           |
| 641468.28  | 4290929.76 | 6.53919  | 641508.28 |
| 4290929.76 | 8.00509    |          |           |
| 641548.28  | 4290929.76 | 9.54109  | 641588.28 |
| 4290929.76 | 10.91429   |          |           |
| 641628.28  | 4290929.76 | 11.87131 | 642188.28 |
| 4290929.76 | 1.70505    |          |           |
| 642228.28  | 4290929.76 | 1.51569  | 642268.28 |
| 4290929.76 | 1.35907    |          |           |
| 642308.28  | 4290929.76 | 1.22746  | 642348.28 |
| 4290929.76 | 1.11587    |          |           |
| 642388.28  | 4290929.76 | 1.02039  | 642428.28 |
| 4290929.76 | 0.93786    |          |           |
| 641268.28  | 4290969.76 | 2.50290  | 641308.28 |
| 4290969.76 | 2.96051    |          |           |
| 641348.28  | 4290969.76 | 3.54261  | 641388.28 |
| 4290969.76 | 4.28098    |          |           |
| 641428.28  | 4290969.76 | 5.19192  | 641468.28 |
| 4290969.76 | 6.25789    |          |           |

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 Station\_TOG\Baseline Road Fu \*\*\*      08/18/25  
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\*\*\* MODELOPTs:      RegDFault      CONC      ELEV      URBAN      ADJ\_U\*

\*\*\* THE PERIOD ( 43680 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: FUELING/ \*\*\*  
                                  INCLUDING SOURCE(S):      VOL1      , VOL2  
 , VOL3      , VOL4      , VOL5      ,  
                                  VOL6      , VOL13      , VOL14      ,

\*\*\*      \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS  
 \*\*\*

\*\* CONC OF TOG      IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M)<br>Y-COORD (M) |            | Y-COORD (M)<br>CONC | CONC | X-COORD (M) |
|----------------------------|------------|---------------------|------|-------------|
| -----                      |            |                     |      |             |
| 641508.28                  | 4290969.76 | 7.40885             |      | 641548.28   |
| 4290969.76                 | 8.51325    |                     |      |             |
| 641588.28                  | 4290969.76 | 9.41188             |      | 641628.28   |
| 4290969.76                 | 9.96648    |                     |      |             |
| 641668.28                  | 4290969.76 | 10.08792            |      | 641708.28   |
| 4290969.76                 | 9.73422    |                     |      |             |
| 641748.28                  | 4290969.76 | 8.94182             |      | 641788.28   |
| 4290969.76                 | 7.86142    |                     |      |             |
| 641828.28                  | 4290969.76 | 6.69362             |      | 641868.28   |
| 4290969.76                 | 5.59267    |                     |      |             |
| 641908.28                  | 4290969.76 | 4.63911             |      | 641948.28   |
| 4290969.76                 | 3.86078    |                     |      |             |
| 642188.28                  | 4290969.76 | 1.62505             |      | 642228.28   |
| 4290969.76                 | 1.44956    |                     |      |             |
| 642268.28                  | 4290969.76 | 1.30313             |      | 642308.28   |
| 4290969.76                 | 1.17897    |                     |      |             |
| 642348.28                  | 4290969.76 | 1.07285             |      | 642388.28   |
| 4290969.76                 | 0.98186    |                     |      |             |
| 642428.28                  | 4290969.76 | 0.90360             |      | 641268.28   |
| 4291009.76                 | 2.53651    |                     |      |             |
| 641308.28                  | 4291009.76 | 2.98793             |      | 641348.28   |
| 4291009.76                 | 3.54891    |                     |      |             |
| 641388.28                  | 4291009.76 | 4.23111             |      | 641428.28   |
| 4291009.76                 | 5.02868    |                     |      |             |
| 641468.28                  | 4291009.76 | 5.90421             |      | 641508.28   |
| 4291009.76                 | 6.78340    |                     |      |             |
| 641548.28                  | 4291009.76 | 7.56427             |      | 641588.28   |
| 4291009.76                 | 8.14833    |                     |      |             |
| 641628.28                  | 4291009.76 | 8.46409             |      | 641668.28   |
| 4291009.76                 | 8.46835    |                     |      |             |
| 641708.28                  | 4291009.76 | 8.14214             |      | 641748.28   |
| 4291009.76                 | 7.51659    |                     |      |             |
| 641788.28                  | 4291009.76 | 6.69331             |      | 641828.28   |
| 4291009.76                 | 5.79881    |                     |      |             |
| 641868.28                  | 4291009.76 | 4.94005             |      | 641908.28   |
| 4291009.76                 | 4.17262    |                     |      |             |
| 641948.28                  | 4291009.76 | 3.52458             |      | 642188.28   |
| 4291009.76                 | 1.55039    |                     |      |             |
| 642228.28                  | 4291009.76 | 1.38917             |      | 642268.28   |
| 4291009.76                 | 1.25239    |                     |      |             |
| 642308.28                  | 4291009.76 | 1.13515             |      | 642348.28   |
| 4291009.76                 | 1.03422    |                     |      |             |
| 642388.28                  | 4291009.76 | 0.94745             |      | 642428.28   |
| 4291009.76                 | 0.87257    |                     |      |             |

|            |            |         |           |
|------------|------------|---------|-----------|
| 641268.28  | 4291049.76 | 2.55750 | 641308.28 |
| 4291049.76 | 2.99397    |         |           |
| 641348.28  | 4291049.76 | 3.52118 | 641388.28 |
| 4291049.76 | 4.13431    |         |           |
| 641428.28  | 4291049.76 | 4.81127 | 641468.28 |
| 4291049.76 | 5.51155    |         |           |
| 641508.28  | 4291049.76 | 6.17021 | 641548.28 |
| 4291049.76 | 6.71680    |         |           |
| 641588.28  | 4291049.76 | 7.09428 | 641628.28 |
| 4291049.76 | 7.26658    |         |           |
| 641668.28  | 4291049.76 | 7.21149 | 641708.28 |
| 4291049.76 | 6.91960    |         |           |
| 641748.28  | 4291049.76 | 6.41615 | 641788.28 |
| 4291049.76 | 5.77239    |         |           |
| 641828.28  | 4291049.76 | 5.07255 | 641868.28 |
| 4291049.76 | 4.39269    |         |           |
| 641908.28  | 4291049.76 | 3.76949 | 641948.28 |
| 4291049.76 | 3.22767    |         |           |
| 642188.28  | 4291049.76 | 1.47748 | 642228.28 |
| 4291049.76 | 1.33067    |         |           |
| 642268.28  | 4291049.76 | 1.20386 | 642308.28 |
| 4291049.76 | 1.09421    |         |           |
| 642348.28  | 4291049.76 | 0.99892 | 642388.28 |
| 4291049.76 | 0.91637    |         |           |
| 642428.28  | 4291049.76 | 0.84469 | 641268.28 |
| 4291089.76 | 2.56408    |         |           |
| 641308.28  | 4291089.76 | 2.97800 | 641348.28 |
| 4291089.76 | 3.46108    |         |           |
| 641388.28  | 4291089.76 | 3.99736 | 641428.28 |
| 4291089.76 | 4.55735    |         |           |
| 641468.28  | 4291089.76 | 5.10646 | 641508.28 |
| 4291089.76 | 5.59418    |         |           |
| 641548.28  | 4291089.76 | 5.97426 | 641588.28 |
| 4291089.76 | 6.21611    |         |           |
| 641628.28  | 4291089.76 | 6.30151 | 641668.28 |
| 4291089.76 | 6.21752    |         |           |

\*\*\* AERMOD - VERSION 24142 \*\*\*      \*\*\* C:\Lakes\AERMOD View\Baseline Road Fuel  
 Station\_TOG\Baseline Road Fu \*\*\*      08/18/25  
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\*\*\* MODELOPTs:      RegDFAULT      CONC      ELEV      URBAN      ADJ\_U\*

\*\*\* THE PERIOD ( 43680 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: FUELING/ \*\*\*  
                                  INCLUDING SOURCE(S):      VOL1      , VOL2  
 , VOL3      , VOL4      , VOL5      ,  
                  VOL6      , VOL13      , VOL14      ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

|             |             | ** CONC OF TOG | IN MICROGRAMS/M**3 |
|-------------|-------------|----------------|--------------------|
| X-COORD (M) | Y-COORD (M) | CONC           | X-COORD (M)        |
| Y-COORD (M) | CONC        |                |                    |
| 641708.28   | 4291089.76  | 5.95943        | 641748.28          |
| 4291089.76  | 5.54765     |                |                    |
| 641788.28   | 4291089.76  | 5.03373        | 641828.28          |
| 4291089.76  | 4.47653     |                |                    |
| 641868.28   | 4291089.76  | 3.92966        | 641908.28          |
| 4291089.76  | 3.41900     |                |                    |
| 641948.28   | 4291089.76  | 2.96425        | 641988.28          |
| 4291089.76  | 2.57409     |                |                    |
| 642028.28   | 4291089.76  | 2.24526        | 642068.28          |
| 4291089.76  | 1.97394     |                |                    |
| 642108.28   | 4291089.76  | 1.75277        | 642148.28          |
| 4291089.76  | 1.56439     |                |                    |
| 641268.28   | 4291129.76  | 2.55472        | 641308.28          |
| 4291129.76  | 2.93921     |                |                    |
| 641348.28   | 4291129.76  | 3.37175        | 641388.28          |
| 4291129.76  | 3.83021     |                |                    |
| 641428.28   | 4291129.76  | 4.28425        | 641468.28          |
| 4291129.76  | 4.70802     |                |                    |
| 641508.28   | 4291129.76  | 5.06597        | 641548.28          |
| 4291129.76  | 5.32936     |                |                    |
| 641588.28   | 4291129.76  | 5.48188        | 641628.28          |
| 4291129.76  | 5.51402     |                |                    |
| 641668.28   | 4291129.76  | 5.41769        | 641708.28          |
| 4291129.76  | 5.19051     |                |                    |
| 641748.28   | 4291129.76  | 4.84893        | 641788.28          |
| 4291129.76  | 4.43133     |                |                    |
| 641828.28   | 4291129.76  | 3.98078        | 641868.28          |
| 4291129.76  | 3.53517     |                |                    |
| 641908.28   | 4291129.76  | 3.11300        | 641948.28          |
| 4291129.76  | 2.72931     |                |                    |
| 641988.28   | 4291129.76  | 2.39134        | 642028.28          |
| 4291129.76  | 2.10214     |                |                    |
| 642068.28   | 4291129.76  | 1.85922        | 642108.28          |
| 4291129.76  | 1.65621     |                |                    |
| 642148.28   | 4291129.76  | 1.48531        | 641374.56          |
| 4290226.75  | 1.99737     |                |                    |
| 641414.56   | 4290226.75  | 2.23331        | 641454.56          |
| 4290226.75  | 2.49660     |                |                    |
| 641494.56   | 4290226.75  | 2.78430        | 641534.56          |
| 4290226.75  | 3.09406     |                |                    |

|            |            |         |           |
|------------|------------|---------|-----------|
| 641574.56  | 4290226.75 | 3.42925 | 641614.56 |
| 4290226.75 | 3.79241    |         |           |
| 641654.56  | 4290226.75 | 4.18266 | 641694.56 |
| 4290226.75 | 4.57248    |         |           |
| 641734.56  | 4290226.75 | 4.95835 | 641774.56 |
| 4290226.75 | 5.43083    |         |           |
| 641814.56  | 4290226.75 | 6.05619 | 641854.56 |
| 4290226.75 | 6.69546    |         |           |
| 641894.56  | 4290226.75 | 7.01576 | 641934.56 |
| 4290226.75 | 6.81465    |         |           |
| 641974.56  | 4290226.75 | 6.21117 | 642014.56 |
| 4290226.75 | 5.44824    |         |           |
| 642054.56  | 4290226.75 | 4.69162 | 642094.56 |
| 4290226.75 | 4.01220    |         |           |
| 642134.56  | 4290226.75 | 3.43084 | 642174.56 |
| 4290226.75 | 2.94333    |         |           |
| 642214.56  | 4290226.75 | 2.53576 | 642254.56 |
| 4290226.75 | 2.19819    |         |           |
| 642294.56  | 4290226.75 | 1.91920 | 642334.56 |
| 4290226.75 | 1.68682    |         |           |
| 642374.56  | 4290226.75 | 1.49078 | 642414.56 |
| 4290226.75 | 1.32594    |         |           |
| 642454.56  | 4290226.75 | 1.18730 | 642494.56 |
| 4290226.75 | 1.06950    |         |           |
| 642534.56  | 4290226.75 | 0.96891 | 642574.56 |
| 4290226.75 | 0.88231    |         |           |
| 642614.56  | 4290226.75 | 0.80834 | 641374.56 |
| 4290266.75 | 2.16737    |         |           |
| 641414.56  | 4290266.75 | 2.45661 | 641454.56 |
| 4290266.75 | 2.78714    |         |           |
| 641494.56  | 4290266.75 | 3.15870 | 641534.56 |
| 4290266.75 | 3.57163    |         |           |
| 641574.56  | 4290266.75 | 4.02950 | 641614.56 |
| 4290266.75 | 4.53760    |         |           |
| 641654.56  | 4290266.75 | 5.08622 | 641694.56 |
| 4290266.75 | 5.63491    |         |           |
| 641734.56  | 4290266.75 | 6.19592 | 641774.56 |
| 4290266.75 | 6.89651    |         |           |
| 641814.56  | 4290266.75 | 7.80464 | 641854.56 |
| 4290266.75 | 8.58345    |         |           |

\*\*\* AERMOD - VERSION 24142 \*\*\*  
 Station\_TOG\Baseline Road Fu \*\*\*  
 \*\*\* AERMET - VERSION 19191 \*\*\*  
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 \*\*\* C:\Lakes\AERMOD View\Baseline Road Fuel  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43680 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: FUELING/ \*\*\*



INCLUDING SOURCE(S): VOL1 , VOL2  
 , VOL3 , VOL4 , VOL5 ,  
 VOL6 , VOL13 , VOL14 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF TOG IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC     | X-COORD (M) |
|-------------|-------------|----------|-------------|
| Y-COORD (M) | CONC        |          |             |
| 641894.56   | 4290266.75  | 8.69053  | 641934.56   |
| 4290266.75  | 8.04399     |          |             |
| 641974.56   | 4290266.75  | 7.00981  | 642014.56   |
| 4290266.75  | 5.93238     |          |             |
| 642054.56   | 4290266.75  | 4.96828  | 642094.56   |
| 4290266.75  | 4.16063     |          |             |
| 642134.56   | 4290266.75  | 3.50117  | 642174.56   |
| 4290266.75  | 2.96574     |          |             |
| 642214.56   | 4290266.75  | 2.53019  | 642254.56   |
| 4290266.75  | 2.17606     |          |             |
| 642294.56   | 4290266.75  | 1.88960  | 642334.56   |
| 4290266.75  | 1.65505     |          |             |
| 642374.56   | 4290266.75  | 1.46014  | 642414.56   |
| 4290266.75  | 1.29799     |          |             |
| 642454.56   | 4290266.75  | 1.16325  | 642494.56   |
| 4290266.75  | 1.04929     |          |             |
| 642534.56   | 4290266.75  | 0.95210  | 642574.56   |
| 4290266.75  | 0.86798     |          |             |
| 642614.56   | 4290266.75  | 0.79590  | 641374.56   |
| 4290306.75  | 2.34258     |          |             |
| 641414.56   | 4290306.75  | 2.69297  | 641454.56   |
| 4290306.75  | 3.10613     |          |             |
| 641494.56   | 4290306.75  | 3.59251  | 641534.56   |
| 4290306.75  | 4.15764     |          |             |
| 641574.56   | 4290306.75  | 4.80243  | 641614.56   |
| 4290306.75  | 5.51632     |          |             |
| 641654.56   | 4290306.75  | 6.30507  | 641694.56   |
| 4290306.75  | 7.13671     |          |             |
| 641734.56   | 4290306.75  | 7.99548  | 641774.56   |
| 4290306.75  | 9.07037     |          |             |
| 641814.56   | 4290306.75  | 10.41796 | 641854.56   |
| 4290306.75  | 11.23333    |          |             |
| 641894.56   | 4290306.75  | 10.76822 | 641934.56   |
| 4290306.75  | 9.38077     |          |             |
| 641974.56   | 4290306.75  | 7.78086  | 642014.56   |
| 4290306.75  | 6.34446     |          |             |

|            |            |          |           |
|------------|------------|----------|-----------|
| 642054.56  | 4290306.75 | 5.16764  | 642094.56 |
| 4290306.75 | 4.24244    |          |           |
| 642134.56  | 4290306.75 | 3.51511  | 642174.56 |
| 4290306.75 | 2.94387    |          |           |
| 642214.56  | 4290306.75 | 2.49295  | 642254.56 |
| 4290306.75 | 2.13450    |          |           |
| 642294.56  | 4290306.75 | 1.84837  | 642334.56 |
| 4290306.75 | 1.61735    |          |           |
| 642374.56  | 4290306.75 | 1.42665  | 642414.56 |
| 4290306.75 | 1.26968    |          |           |
| 642454.56  | 4290306.75 | 1.13986  | 642494.56 |
| 4290306.75 | 1.02999    |          |           |
| 642534.56  | 4290306.75 | 0.93599  | 642574.56 |
| 4290306.75 | 0.85452    |          |           |
| 642614.56  | 4290306.75 | 0.77781  | 641374.56 |
| 4290346.75 | 2.52165    |          |           |
| 641414.56  | 4290346.75 | 2.93634  | 641454.56 |
| 4290346.75 | 3.45167    |          |           |
| 641494.56  | 4290346.75 | 4.08745  | 641534.56 |
| 4290346.75 | 4.85687    |          |           |
| 641574.56  | 4290346.75 | 5.76615  | 641614.56 |
| 4290346.75 | 6.82287    |          |           |
| 641654.56  | 4290346.75 | 8.03632  | 641694.56 |
| 4290346.75 | 9.36460    |          |           |
| 641734.56  | 4290346.75 | 10.75385 | 641774.56 |
| 4290346.75 | 12.54240   |          |           |
| 641814.56  | 4290346.75 | 14.54246 | 641854.56 |
| 4290346.75 | 14.93033   |          |           |
| 641894.56  | 4290346.75 | 13.19221 | 641934.56 |
| 4290346.75 | 10.69471   |          |           |
| 641974.56  | 4290346.75 | 8.43192  | 642014.56 |
| 4290346.75 | 6.63182    |          |           |
| 642054.56  | 4290346.75 | 5.26255  | 642094.56 |
| 4290346.75 | 4.23945    |          |           |
| 642134.56  | 4290346.75 | 3.46581  | 642174.56 |
| 4290346.75 | 2.88134    |          |           |
| 642214.56  | 4290346.75 | 2.43129  | 642254.56 |
| 4290346.75 | 2.08091    |          |           |
| 642294.56  | 4290346.75 | 1.80309  | 642334.56 |
| 4290346.75 | 1.57930    |          |           |
| 642374.56  | 4290346.75 | 1.39585  | 642414.56 |
| 4290346.75 | 1.24433    |          |           |
| 642454.56  | 4290346.75 | 1.11845  | 642494.56 |
| 4290346.75 | 1.01181    |          |           |

\*\*\* AERMOD - VERSION 24142 \*\*\*  
 Station\_TOG\Baseline Road Fuel  
 \*\*\* AERMET - VERSION 19191 \*\*\*

\*\*\* C:\Lakes\AERMOD View\Baseline Road Fuel  
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 13:19:08

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43680 HRS) AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: FUELING/ \*\*\*

INCLUDING SOURCE(S): VOL1 , VOL2  
, VOL3 , VOL4 , VOL5 ,  
VOL6 , VOL13 , VOL14 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF TOG IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC     | X-COORD (M) |
|-------------|-------------|----------|-------------|
| Y-COORD (M) | CONC        |          |             |
| 642534.56   | 4290346.75  | 0.92039  | 642574.56   |
| 4290346.75  | 0.84099     |          |             |
| 642614.56   | 4290346.75  | 0.75742  | 641374.56   |
| 4290386.75  | 2.70608     |          |             |
| 641414.56   | 4290386.75  | 3.18582  | 641454.56   |
| 4290386.75  | 3.80579     |          |             |
| 641494.56   | 4290386.75  | 4.60800  | 641534.56   |
| 4290386.75  | 5.65083     |          |             |
| 641574.56   | 4290386.75  | 6.98469  | 641614.56   |
| 4290386.75  | 8.62935     |          |             |
| 641654.56   | 4290386.75  | 10.60022 | 641694.56   |
| 4290386.75  | 12.87420    |          |             |
| 641734.56   | 4290386.75  | 15.33790 | 641774.56   |
| 4290386.75  | 18.58556    |          |             |
| 641814.56   | 4290386.75  | 21.33450 | 641854.56   |
| 4290386.75  | 19.89687    |          |             |
| 641894.56   | 4290386.75  | 15.75789 | 641934.56   |
| 4290386.75  | 11.80671    |          |             |
| 641974.56   | 4290386.75  | 8.83072  | 642014.56   |
| 4290386.75  | 6.71723     |          |             |
| 642054.56   | 4290386.75  | 5.22060  | 642094.56   |
| 4290386.75  | 4.15191     |          |             |
| 642134.56   | 4290386.75  | 3.37230  | 642174.56   |
| 4290386.75  | 2.79928     |          |             |
| 642214.56   | 4290386.75  | 2.36403  | 642254.56   |
| 4290386.75  | 2.02677     |          |             |
| 642294.56   | 4290386.75  | 1.75938  | 642334.56   |
| 4290386.75  | 1.54333     |          |             |
| 642374.56   | 4290386.75  | 1.36656  | 642414.56   |
| 4290386.75  | 1.21958     |          |             |
| 642454.56   | 4290386.75  | 1.09768  | 642494.56   |
| 4290386.75  | 0.99406     |          |             |

|            |            |          |           |
|------------|------------|----------|-----------|
| 642534.56  | 4290386.75 | 0.90510  | 642574.56 |
| 4290386.75 | 0.82773    |          |           |
| 642614.56  | 4290386.75 | 0.76044  | 641374.56 |
| 4290426.75 | 2.89906    |          |           |
| 641414.56  | 4290426.75 | 3.44672  | 641454.56 |
| 4290426.75 | 4.17062    |          |           |
| 641494.56  | 4290426.75 | 5.14890  | 641534.56 |
| 4290426.75 | 6.52850    |          |           |
| 641574.56  | 4290426.75 | 8.45486  | 641614.56 |
| 4290426.75 | 11.08983   |          |           |
| 641654.56  | 4290426.75 | 14.54974 | 641694.56 |
| 4290426.75 | 18.84788   |          |           |
| 641734.56  | 4290426.75 | 23.92865 | 641774.56 |
| 4290426.75 | 30.55332   |          |           |
| 641814.56  | 4290426.75 | 32.78999 | 641854.56 |
| 4290426.75 | 25.92932   |          |           |
| 641894.56  | 4290426.75 | 18.04605 | 641934.56 |
| 4290426.75 | 12.46110   |          |           |
| 641974.56  | 4290426.75 | 8.87817  | 642014.56 |
| 4290426.75 | 6.58244    |          |           |
| 642054.56  | 4290426.75 | 5.06167  | 642094.56 |
| 4290426.75 | 4.01431    |          |           |
| 642134.56  | 4290426.75 | 3.26606  | 642174.56 |
| 4290426.75 | 2.71666    |          |           |
| 642214.56  | 4290426.75 | 2.29954  | 642254.56 |
| 4290426.75 | 1.97500    |          |           |
| 642294.56  | 4290426.75 | 1.71821  | 642334.56 |
| 4290426.75 | 1.51006    |          |           |
| 642374.56  | 4290426.75 | 1.33915  | 642414.56 |
| 4290426.75 | 1.19671    |          |           |
| 642454.56  | 4290426.75 | 1.07781  | 642494.56 |
| 4290426.75 | 0.97709    |          |           |
| 642534.56  | 4290426.75 | 0.89074  | 642574.56 |
| 4290426.75 | 0.81538    |          |           |
| 642614.56  | 4290426.75 | 0.75015  | 641374.56 |
| 4290466.75 | 3.09258    |          |           |
| 641414.56  | 4290466.75 | 3.71187  | 641454.56 |
| 4290466.75 | 4.54815    |          |           |
| 641494.56  | 4290466.75 | 5.71691  | 641534.56 |
| 4290466.75 | 7.44670    |          |           |
| 641574.56  | 4290466.75 | 10.08503 | 641614.56 |
| 4290466.75 | 14.24758   |          |           |
| 641654.56  | 4290466.75 | 20.67518 | 641694.56 |
| 4290466.75 | 30.21607   |          |           |
| 641734.56  | 4290466.75 | 43.09803 | 641774.56 |
| 4290466.75 | 58.78465   |          |           |
| 641814.56  | 4290466.75 | 51.17326 | 641854.56 |
| 4290466.75 | 31.67447   |          |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\*  
 Station\_TOG\Baseline Road Fu \*\*\*

\*\*\* C:\Lakes\AERMOD View\Baseline Road Fuel  
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\*\*\* AERMET - VERSION 19191 \*\*\*  
\*\*\* 13:19:08

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43680 HRS) AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: FUELING/ \*\*\*  
INCLUDING SOURCE(S): VOL1 , VOL2  
, VOL3 , VOL4 , VOL5 ,  
VOL6 , VOL13 , VOL14 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS  
\*\*\*

|             |             | ** CONC OF TOG | IN MICROGRAMS/M**3 |
|-------------|-------------|----------------|--------------------|
| **          |             |                |                    |
| X-COORD (M) | Y-COORD (M) | CONC           | X-COORD (M)        |
| Y-COORD (M) | CONC        |                |                    |
| -----       |             |                |                    |
| 641894.56   | 4290466.75  | 19.20690       | 641934.56          |
| 4290466.75  | 12.38010    |                |                    |
| 641974.56   | 4290466.75  | 8.58296        | 642014.56          |
| 4290466.75  | 6.31395     |                |                    |
| 642054.56   | 4290466.75  | 4.86245        | 642094.56          |
| 4290466.75  | 3.87334     |                |                    |
| 642134.56   | 4290466.75  | 3.16477        | 642174.56          |
| 4290466.75  | 2.63994     |                |                    |
| 642214.56   | 4290466.75  | 2.23982        | 642254.56          |
| 4290466.75  | 1.92769     |                |                    |
| 642294.56   | 4290466.75  | 1.68103        | 642334.56          |
| 4290466.75  | 1.48048     |                |                    |
| 642374.56   | 4290466.75  | 1.31500        | 642414.56          |
| 4290466.75  | 1.17686     |                |                    |
| 642454.56   | 4290466.75  | 1.06046        | 642494.56          |
| 4290466.75  | 0.96222     |                |                    |
| 642534.56   | 4290466.75  | 0.87821        | 642574.56          |
| 4290466.75  | 0.80516     |                |                    |
| 642614.56   | 4290466.75  | 0.74181        | 641920.09          |
| 4290522.63  | 13.37835    |                |                    |
| 641960.09   | 4290522.63  | 9.07560        | 642000.09          |
| 4290522.63  | 6.60801     |                |                    |
| 642040.09   | 4290522.63  | 5.05557        | 642080.09          |
| 4290522.63  | 4.00901     |                |                    |
| 642120.09   | 4290522.63  | 3.26423        | 642160.09          |
| 4290522.63  | 2.71609     |                |                    |
| 642200.09   | 4290522.63  | 2.30098        | 642240.09          |
| 4290522.63  | 1.97806     |                |                    |

|            |            |         |           |
|------------|------------|---------|-----------|
| 642280.09  | 4290522.63 | 1.72191 | 642320.09 |
| 4290522.63 | 1.51492    |         |           |
| 642360.09  | 4290522.63 | 1.34466 | 642400.09 |
| 4290522.63 | 1.20292    |         |           |
| 642440.09  | 4290522.63 | 1.08347 | 642480.09 |
| 4290522.63 | 0.98243    |         |           |
| 642520.09  | 4290522.63 | 0.89579 | 642560.09 |
| 4290522.63 | 0.82091    |         |           |
| 642600.09  | 4290522.63 | 0.75569 | 641920.09 |
| 4290562.63 | 12.83119   |         |           |
| 641960.09  | 4290562.63 | 8.79275 | 642000.09 |
| 4290562.63 | 6.44297    |         |           |
| 642040.09  | 4290562.63 | 4.94881 | 642080.09 |
| 4290562.63 | 3.93505    |         |           |
| 642120.09  | 4290562.63 | 3.21370 | 642160.09 |
| 4290562.63 | 2.68008    |         |           |
| 642200.09  | 4290562.63 | 2.27626 | 642240.09 |
| 4290562.63 | 1.96007    |         |           |
| 642280.09  | 4290562.63 | 1.70831 | 642320.09 |
| 4290562.63 | 1.50436    |         |           |
| 642360.09  | 4290562.63 | 1.33662 | 642400.09 |
| 4290562.63 | 1.19684    |         |           |
| 642440.09  | 4290562.63 | 1.07901 | 642480.09 |
| 4290562.63 | 0.97878    |         |           |
| 642520.09  | 4290562.63 | 0.89269 | 642560.09 |
| 4290562.63 | 0.81804    |         |           |
| 642600.09  | 4290562.63 | 0.75279 | 641920.09 |
| 4290602.63 | 12.33241   |         |           |
| 641960.09  | 4290602.63 | 8.55612 | 642000.09 |
| 4290602.63 | 6.31628    |         |           |
| 642040.09  | 4290602.63 | 4.87422 | 642080.09 |
| 4290602.63 | 3.88847    |         |           |
| 642120.09  | 4290602.63 | 3.18327 | 642160.09 |
| 4290602.63 | 2.66009    |         |           |
| 642200.09  | 4290602.63 | 2.26256 | 642240.09 |
| 4290602.63 | 1.95041    |         |           |
| 642280.09  | 4290602.63 | 1.70131 | 642320.09 |
| 4290602.63 | 1.49930    |         |           |
| 642360.09  | 4290602.63 | 1.33296 | 642400.09 |
| 4290602.63 | 1.19419    |         |           |
| 642440.09  | 4290602.63 | 1.07714 | 642480.09 |
| 4290602.63 | 0.97739    |         |           |
| 642520.09  | 4290602.63 | 0.89164 | 642560.09 |
| 4290602.63 | 0.81726    |         |           |
| 642600.09  | 4290602.63 | 0.75182 | 641920.09 |
| 4290642.63 | 11.35083   |         |           |
| 641960.09  | 4290642.63 | 8.08750 | 642000.09 |
| 4290642.63 | 6.07041    |         |           |
| 642040.09  | 4290642.63 | 4.73600 | 642080.09 |
| 4290642.63 | 3.80662    |         |           |

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        642120.09    4290642.63          3.13246          642160.09
4290642.63          2.62791
^ *** AERMOD - VERSION 24142 ***      *** C:\Lakes\AERMOD View\Baseline Road Fuel
Station_TOG\Baseline Road Fu ***      08/18/25
*** AERMET - VERSION 19191 ***      ***
***                                     13:19:08

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\*\*\* MODELOPTs: RegDFault CONC ELEV URBAN ADJ\_U\*

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*** THE PERIOD ( 43680 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FUELING/ ***
                                INCLUDING SOURCE(S):      VOL1          , VOL2
, VOL3          , VOL4          , VOL5          ,
                VOL6          , VOL13         , VOL14         ,

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\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

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***
                                ** CONC OF TOG      IN MICROGRAMS/M**3
                                **
                                **
X-COORD (M)  Y-COORD (M)  CONC  X-COORD (M)
Y-COORD (M)  CONC
-----
642200.09    4290642.63    2.24132    642240.09
4290642.63    1.93605
642280.09    4290642.63    1.69155    642320.09
4290642.63    1.49256
642360.09    4290642.63    1.32827    642400.09
4290642.63    1.19093
642440.09    4290642.63    1.07487    642480.09
4290642.63    0.97584
642520.09    4290642.63    0.89056    642560.09
4290642.63    0.81654
642600.09    4290642.63    0.75154    641920.09
4290682.63    10.05120
641960.09    4290682.63    7.37620    642000.09
4290682.63    5.66035
642040.09    4290682.63    4.48946    642080.09
4290682.63    3.65268
642120.09    4290682.63    3.03331    642160.09
4290682.63    2.56258
642200.09    4290682.63    2.19702    642240.09
4290682.63    1.90538
642280.09    4290682.63    1.67005    642320.09
4290682.63    1.47730
642360.09    4290682.63    1.31736    642400.09
4290682.63    1.18307

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|            |            |         |           |
|------------|------------|---------|-----------|
| 642440.09  | 4290682.63 | 1.06917 | 642480.09 |
| 4290682.63 | 0.97169    |         |           |
| 642520.09  | 4290682.63 | 0.88757 | 642560.09 |
| 4290682.63 | 0.81439    |         |           |
| 642600.09  | 4290682.63 | 0.75011 | 641920.09 |
| 4290722.63 | 8.84673    |         |           |
| 641960.09  | 4290722.63 | 6.64125 | 642000.09 |
| 4290722.63 | 5.18693    |         |           |
| 642040.09  | 4290722.63 | 4.17636 | 642080.09 |
| 4290722.63 | 3.44202    |         |           |
| 642120.09  | 4290722.63 | 2.88911 | 642160.09 |
| 4290722.63 | 2.46261    |         |           |
| 642200.09  | 4290722.63 | 2.12631 | 642240.09 |
| 4290722.63 | 1.85468    |         |           |
| 642280.09  | 4290722.63 | 1.63313 | 642320.09 |
| 4290722.63 | 1.45012    |         |           |
| 642360.09  | 4290722.63 | 1.29713 | 642400.09 |
| 4290722.63 | 1.16789    |         |           |
| 642440.09  | 4290722.63 | 1.05773 | 642480.09 |
| 4290722.63 | 0.96302    |         |           |
| 642520.09  | 4290722.63 | 0.88095 | 642560.09 |
| 4290722.63 | 0.80934    |         |           |
| 642600.09  | 4290722.63 | 0.74632 | 641920.09 |
| 4290762.63 | 7.81873    |         |           |
| 641960.09  | 4290762.63 | 5.98912 | 642000.09 |
| 4290762.63 | 4.74411    |         |           |
| 642040.09  | 4290762.63 | 3.86146 | 642080.09 |
| 4290762.63 | 3.21318    |         |           |
| 642120.09  | 4290762.63 | 2.72174 | 642160.09 |
| 4290762.63 | 2.33957    |         |           |
| 642200.09  | 4290762.63 | 2.03496 | 642240.09 |
| 4290762.63 | 1.78656    |         |           |
| 642280.09  | 4290762.63 | 1.58189 | 642320.09 |
| 4290762.63 | 1.41122    |         |           |
| 642360.09  | 4290762.63 | 1.26733 | 642400.09 |
| 4290762.63 | 1.14489    |         |           |
| 642440.09  | 4290762.63 | 1.03983 | 642480.09 |
| 4290762.63 | 0.94897    |         |           |
| 642520.09  | 4290762.63 | 0.86990 | 642560.09 |
| 4290762.63 | 0.80061    |         |           |
| 642600.09  | 4290762.63 | 0.73947 | 641920.09 |
| 4290802.63 | 6.93646    |         |           |
| 641960.09  | 4290802.63 | 5.41600 | 642000.09 |
| 4290802.63 | 4.35179    |         |           |
| 642040.09  | 4290802.63 | 3.57733 | 642080.09 |
| 4290802.63 | 2.99850    |         |           |
| 642120.09  | 4290802.63 | 2.55561 | 642160.09 |
| 4290802.63 | 2.21014    |         |           |
| 642200.09  | 4290802.63 | 1.93381 | 642240.09 |
| 4290802.63 | 1.70774    |         |           |



|            |            |         |           |
|------------|------------|---------|-----------|
| 642280.09  | 4290802.63 | 1.52036 | 642320.09 |
| 4290802.63 | 1.36303    |         |           |
| 642360.09  | 4290802.63 | 1.22939 | 642400.09 |
| 4290802.63 | 1.11486    |         |           |
| 642440.09  | 4290802.63 | 1.01591 | 642480.09 |
| 4290802.63 | 0.92984    |         |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\*      \*\*\* C:\Lakes\AERMOD View\Baseline Road Fuel  
 Station\_TOG\Baseline Road Fu \*\*\*      08/18/25  
 \*\*\* AERMET - VERSION 19191 \*\*\*      \*\*\*  
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\*\*\* MODELOPTs:      RegDFAULT    CONC    ELEV    URBAN    ADJ\_U\*

\*\*\* THE PERIOD ( 43680 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: FUELING/ \*\*\*

INCLUDING SOURCE(S):      VOL1      , VOL2  
 , VOL3      , VOL4      , VOL5      ,  
                  VOL6      , VOL13      , VOL14      ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF TOG      IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|---------|-------------|
| Y-COORD (M) | CONC        |         |             |
| 642520.09   | 4290802.63  | 0.85452 | 642560.09   |
| 4290802.63  | 0.78818     |         |             |
| 642600.09   | 4290802.63  | 0.72940 | 641920.09   |
| 4290842.63  | 6.18325     |         |             |
| 641960.09   | 4290842.63  | 4.91382 | 642000.09   |
| 4290842.63  | 4.00117     |         |             |
| 642040.09   | 4290842.63  | 3.32452 | 642080.09   |
| 4290842.63  | 2.80718     |         |             |
| 642120.09   | 4290842.63  | 2.40414 | 642160.09   |
| 4290842.63  | 2.08801     |         |             |
| 642200.09   | 4290842.63  | 1.83415 | 642240.09   |
| 4290842.63  | 1.62644     |         |             |
| 642280.09   | 4290842.63  | 1.45424 | 642320.09   |
| 4290842.63  | 1.30933     |         |             |
| 642360.09   | 4290842.63  | 1.18584 | 642400.09   |
| 4290842.63  | 1.07950     |         |             |
| 642440.09   | 4290842.63  | 0.98715 | 642480.09   |
| 4290842.63  | 0.90637     |         |             |
| 642520.09   | 4290842.63  | 0.83528 | 642560.09   |
| 4290842.63  | 0.77234     |         |             |

|            |            |          |           |
|------------|------------|----------|-----------|
| 642600.09  | 4290842.63 | 0.71640  | 641920.09 |
| 4290882.63 | 5.52719    |          |           |
| 641960.09  | 4290882.63 | 4.46559  | 642000.09 |
| 4290882.63 | 3.68398    |          |           |
| 642040.09  | 4290882.63 | 3.09329  | 642080.09 |
| 4290882.63 | 2.63478    |          |           |
| 642120.09  | 4290882.63 | 2.27201  | 642160.09 |
| 4290882.63 | 1.97851    |          |           |
| 642200.09  | 4290882.63 | 1.74274  | 642240.09 |
| 4290882.63 | 1.54947    |          |           |
| 642280.09  | 4290882.63 | 1.38925  | 642320.09 |
| 4290882.63 | 1.25459    |          |           |
| 642360.09  | 4290882.63 | 1.13991  | 642400.09 |
| 4290882.63 | 1.04112    |          |           |
| 642440.09  | 4290882.63 | 0.95514  | 642480.09 |
| 4290882.63 | 0.87967    |          |           |
| 642520.09  | 4290882.63 | 0.81300  | 642560.09 |
| 4290882.63 | 0.75374    |          |           |
| 642600.09  | 4290882.63 | 0.70081  | 641450.64 |
| 4290754.44 | 5.66449    |          |           |
| 641490.64  | 4290754.44 | 7.55161  | 641530.64 |
| 4290754.44 | 10.59214   |          |           |
| 641570.64  | 4290754.44 | 15.54834 | 641610.64 |
| 4290754.44 | 23.22206   |          |           |
| 641650.64  | 4290754.44 | 32.77978 | 641450.64 |
| 4290794.44 | 5.85092    |          |           |
| 641490.64  | 4290794.44 | 7.79419  | 641530.64 |
| 4290794.44 | 10.73091   |          |           |
| 641570.64  | 4290794.44 | 14.98939 | 641610.64 |
| 4290794.44 | 20.39041   |          |           |
| 641650.64  | 4290794.44 | 25.62197 | 641450.64 |
| 4290834.44 | 5.99165    |          |           |
| 641490.64  | 4290834.44 | 7.87150  | 641530.64 |
| 4290834.44 | 10.47863   |          |           |
| 641570.64  | 4290834.44 | 13.79444 | 641610.64 |
| 4290834.44 | 17.35539   |          |           |
| 641650.64  | 4290834.44 | 20.17567 |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\*      \*\*\* C:\Lakes\AERMOD View\Baseline Road Fuel  
 Station\_TOG\Baseline Road Fu \*\*\*      08/18/25  
 \*\*\* AERMET - VERSION 19191 \*\*\*      \*\*\*  
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\*\*\* MODELOPTs:    RegDFAULT    CONC    ELEV    URBAN    ADJ\_U\*

\*\*\* THE PERIOD ( 43680 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: SPILL      \*\*\*  
                                  INCLUDING SOURCE(S):      VOL7      , VOL8  
 , VOL9      , VOL10      , VOL11      ,

VOL12 , VOL15 , VOL17 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF TOG IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) |
|-------------|-------------|------|-------------|
| Y-COORD (M) | CONC        |      |             |

- - - - -

|            |            |         |           |
|------------|------------|---------|-----------|
| 641284.31  | 4290506.68 | 2.24887 | 641324.31 |
| 4290506.68 | 2.62615    |         |           |
| 641364.31  | 4290506.68 | 3.11376 | 641404.31 |
| 4290506.68 | 3.75744    |         |           |
| 641284.31  | 4290546.68 | 2.30269 | 641324.31 |
| 4290546.68 | 2.69980    |         |           |
| 641364.31  | 4290546.68 | 3.22046 | 641404.31 |
| 4290546.68 | 3.91790    |         |           |
| 641284.31  | 4290586.68 | 2.33928 | 641324.31 |
| 4290586.68 | 2.74864    |         |           |
| 641364.31  | 4290586.68 | 3.28594 | 641404.31 |
| 4290586.68 | 4.00821    |         |           |
| 641284.31  | 4290626.68 | 2.36987 | 641324.31 |
| 4290626.68 | 2.78263    |         |           |
| 641364.31  | 4290626.68 | 3.32778 | 641404.31 |
| 4290626.68 | 4.05774    |         |           |
| 641284.31  | 4290666.68 | 2.39596 | 641324.31 |
| 4290666.68 | 2.81501    |         |           |
| 641364.31  | 4290666.68 | 3.37189 | 641404.31 |
| 4290666.68 | 4.11052    |         |           |
| 641284.31  | 4290706.68 | 2.41563 | 641324.31 |
| 4290706.68 | 2.84130    |         |           |
| 641364.31  | 4290706.68 | 3.40921 | 641404.31 |
| 4290706.68 | 4.17204    |         |           |
| 641284.31  | 4290746.68 | 2.43528 | 641324.31 |
| 4290746.68 | 2.86816    |         |           |
| 641364.31  | 4290746.68 | 3.45213 | 641404.31 |
| 4290746.68 | 4.25350    |         |           |
| 641284.31  | 4290786.68 | 2.46181 | 641324.31 |
| 4290786.68 | 2.90960    |         |           |
| 641364.31  | 4290786.68 | 3.51655 | 641404.31 |
| 4290786.68 | 4.36265    |         |           |
| 641284.31  | 4290826.68 | 2.50011 | 641324.31 |
| 4290826.68 | 2.96880    |         |           |
| 641364.31  | 4290826.68 | 3.59923 | 641404.31 |
| 4290826.68 | 4.48191    |         |           |
| 641284.31  | 4290866.68 | 2.54817 | 641324.31 |
| 4290866.68 | 3.03603    |         |           |

|            |            |          |           |
|------------|------------|----------|-----------|
| 641364.31  | 4290866.68 | 3.68715  | 641404.31 |
| 4290866.68 | 4.58414    |          |           |
| 641268.28  | 4290889.76 | 2.41318  | 641308.28 |
| 4290889.76 | 2.85972    |          |           |
| 641348.28  | 4290889.76 | 3.44498  | 641388.28 |
| 4290889.76 | 4.23368    |          |           |
| 641428.28  | 4290889.76 | 5.29918  | 641468.28 |
| 4290889.76 | 6.71314    |          |           |
| 641508.28  | 4290889.76 | 8.50921  | 641548.28 |
| 4290889.76 | 10.58800   |          |           |
| 641588.28  | 4290889.76 | 12.66110 | 641628.28 |
| 4290889.76 | 14.29707   |          |           |
| 642188.28  | 4290889.76 | 1.79156  | 642228.28 |
| 4290889.76 | 1.58900    |          |           |
| 642268.28  | 4290889.76 | 1.42185  | 642308.28 |
| 4290889.76 | 1.28191    |          |           |
| 642348.28  | 4290889.76 | 1.16327  | 642388.28 |
| 4290889.76 | 1.06146    |          |           |
| 642428.28  | 4290889.76 | 0.97313  | 641268.28 |
| 4290929.76 | 2.46002    |          |           |
| 641308.28  | 4290929.76 | 2.91610  | 641348.28 |
| 4290929.76 | 3.50607    |          |           |
| 641388.28  | 4290929.76 | 4.28051  | 641428.28 |
| 4290929.76 | 5.28453    |          |           |
| 641468.28  | 4290929.76 | 6.53805  | 641508.28 |
| 4290929.76 | 8.00344    |          |           |
| 641548.28  | 4290929.76 | 9.53881  | 641588.28 |
| 4290929.76 | 10.91140   |          |           |
| 641628.28  | 4290929.76 | 11.86802 | 642188.28 |
| 4290929.76 | 1.70506    |          |           |
| 642228.28  | 4290929.76 | 1.51570  | 642268.28 |
| 4290929.76 | 1.35907    |          |           |
| 642308.28  | 4290929.76 | 1.22746  | 642348.28 |
| 4290929.76 | 1.11586    |          |           |
| 642388.28  | 4290929.76 | 1.02039  | 642428.28 |
| 4290929.76 | 0.93786    |          |           |
| 641268.28  | 4290969.76 | 2.50270  | 641308.28 |
| 4290969.76 | 2.96024    |          |           |
| 641348.28  | 4290969.76 | 3.54223  | 641388.28 |
| 4290969.76 | 4.28044    |          |           |
| 641428.28  | 4290969.76 | 5.19114  | 641468.28 |
| 4290969.76 | 6.25679    |          |           |

\*\*\* AERMOD - VERSION 24142 \*\*\*      \*\*\* C:\Lakes\AERMOD View\Baseline Road Fuel  
 Station\_TOG\Baseline Road Fu \*\*\*      08/18/25  
 \*\*\* AERMET - VERSION 19191 \*\*\*      \*\*\*  
                                  \*\*\*      13:19:08

\*\*\* THE PERIOD ( 43680 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: SPILL \*\*\*

INCLUDING SOURCE(S): VOL7 , VOL8  
 , VOL9 , VOL10 , VOL11 ,  
 VOL12 , VOL15 , VOL17 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS  
 \*\*\*

| **          |             | ** CONC OF TOG | IN MICROGRAMS/M**3 |
|-------------|-------------|----------------|--------------------|
| X-COORD (M) | Y-COORD (M) | CONC           | X-COORD (M)        |
| Y-COORD (M) | CONC        |                |                    |
| -----       |             |                |                    |
| 641508.28   | 4290969.76  | 7.40735        | 641548.28          |
| 4290969.76  | 8.51132     |                |                    |
| 641588.28   | 4290969.76  | 9.40958        | 641628.28          |
| 4290969.76  | 9.96399     |                |                    |
| 641668.28   | 4290969.76  | 10.08546       | 641708.28          |
| 4290969.76  | 9.73205     |                |                    |
| 641748.28   | 4290969.76  | 8.94013        | 641788.28          |
| 4290969.76  | 7.86025     |                |                    |
| 641828.28   | 4290969.76  | 6.69290        | 641868.28          |
| 4290969.76  | 5.59229     |                |                    |
| 641908.28   | 4290969.76  | 4.63892        | 641948.28          |
| 4290969.76  | 3.86069     |                |                    |
| 642188.28   | 4290969.76  | 1.62506        | 642228.28          |
| 4290969.76  | 1.44957     |                |                    |
| 642268.28   | 4290969.76  | 1.30314        | 642308.28          |
| 4290969.76  | 1.17897     |                |                    |
| 642348.28   | 4290969.76  | 1.07285        | 642388.28          |
| 4290969.76  | 0.98186     |                |                    |
| 642428.28   | 4290969.76  | 0.90360        | 641268.28          |
| 4291009.76  | 2.53630     |                |                    |
| 641308.28   | 4291009.76  | 2.98764        | 641348.28          |
| 4291009.76  | 3.54851     |                |                    |
| 641388.28   | 4291009.76  | 4.23055        | 641428.28          |
| 4291009.76  | 5.02792     |                |                    |
| 641468.28   | 4291009.76  | 5.90318        | 641508.28          |
| 4291009.76  | 6.78207     |                |                    |
| 641548.28   | 4291009.76  | 7.56265        | 641588.28          |
| 4291009.76  | 8.14650     |                |                    |
| 641628.28   | 4291009.76  | 8.46218        | 641668.28          |
| 4291009.76  | 8.46650     |                |                    |
| 641708.28   | 4291009.76  | 8.14053        | 641748.28          |
| 4291009.76  | 7.51531     |                |                    |
| 641788.28   | 4291009.76  | 6.69239        | 641828.28          |
| 4291009.76  | 5.79822     |                |                    |

|            |            |         |           |
|------------|------------|---------|-----------|
| 641868.28  | 4291009.76 | 4.93970 | 641908.28 |
| 4291009.76 | 4.17244    |         |           |
| 641948.28  | 4291009.76 | 3.52449 | 642188.28 |
| 4291009.76 | 1.55039    |         |           |
| 642228.28  | 4291009.76 | 1.38917 | 642268.28 |
| 4291009.76 | 1.25240    |         |           |
| 642308.28  | 4291009.76 | 1.13516 | 642348.28 |
| 4291009.76 | 1.03422    |         |           |
| 642388.28  | 4291009.76 | 0.94745 | 642428.28 |
| 4291009.76 | 0.87257    |         |           |
| 641268.28  | 4291049.76 | 2.55727 | 641308.28 |
| 4291049.76 | 2.99367    |         |           |
| 641348.28  | 4291049.76 | 3.52078 | 641388.28 |
| 4291049.76 | 4.13376    |         |           |
| 641428.28  | 4291049.76 | 4.81054 | 641468.28 |
| 4291049.76 | 5.51060    |         |           |
| 641508.28  | 4291049.76 | 6.16905 | 641548.28 |
| 4291049.76 | 6.71546    |         |           |
| 641588.28  | 4291049.76 | 7.09281 | 641628.28 |
| 4291049.76 | 7.26509    |         |           |
| 641668.28  | 4291049.76 | 7.21007 | 641708.28 |
| 4291049.76 | 6.91836    |         |           |
| 641748.28  | 4291049.76 | 6.41515 | 641788.28 |
| 4291049.76 | 5.77165    |         |           |
| 641828.28  | 4291049.76 | 5.07205 | 641868.28 |
| 4291049.76 | 4.39238    |         |           |
| 641908.28  | 4291049.76 | 3.76931 | 641948.28 |
| 4291049.76 | 3.22758    |         |           |
| 642188.28  | 4291049.76 | 1.47748 | 642228.28 |
| 4291049.76 | 1.33067    |         |           |
| 642268.28  | 4291049.76 | 1.20386 | 642308.28 |
| 4291049.76 | 1.09421    |         |           |
| 642348.28  | 4291049.76 | 0.99893 | 642388.28 |
| 4291049.76 | 0.91637    |         |           |
| 642428.28  | 4291049.76 | 0.84469 | 641268.28 |
| 4291089.76 | 2.56385    |         |           |
| 641308.28  | 4291089.76 | 2.97769 | 641348.28 |
| 4291089.76 | 3.46067    |         |           |
| 641388.28  | 4291089.76 | 3.99682 | 641428.28 |
| 4291089.76 | 4.55666    |         |           |
| 641468.28  | 4291089.76 | 5.10561 | 641508.28 |
| 4291089.76 | 5.59317    |         |           |
| 641548.28  | 4291089.76 | 5.97314 | 641588.28 |
| 4291089.76 | 6.21493    |         |           |
| 641628.28  | 4291089.76 | 6.30033 | 641668.28 |
| 4291089.76 | 6.21641    |         |           |

\*\*\* AERMOD - VERSION 24142 \*\*\*  
 Station\_TOG\Baseline Road Fu \*\*\*  
 \*\*\* AERMET - VERSION 19191 \*\*\*  
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\*\*\* C:\Lakes\AERMOD View\Baseline Road Fuel  
 08/18/25

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 13:19:08

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43680 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: SPILL \*\*\*

INCLUDING SOURCE(S): VOL7 , VOL8  
 , VOL9 , VOL10 , VOL11 ,  
 VOL12 , VOL15 , VOL17 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF TOG IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|---------|-------------|
| Y-COORD (M) | CONC        |         |             |
| 641708.28   | 4291089.76  | 5.95846 | 641748.28   |
| 4291089.76  | 5.54686     |         |             |
| 641788.28   | 4291089.76  | 5.03314 | 641828.28   |
| 4291089.76  | 4.47610     |         |             |
| 641868.28   | 4291089.76  | 3.92939 | 641908.28   |
| 4291089.76  | 3.41884     |         |             |
| 641948.28   | 4291089.76  | 2.96415 | 641988.28   |
| 4291089.76  | 2.57404     |         |             |
| 642028.28   | 4291089.76  | 2.24523 | 642068.28   |
| 4291089.76  | 1.97392     |         |             |
| 642108.28   | 4291089.76  | 1.75275 | 642148.28   |
| 4291089.76  | 1.56438     |         |             |
| 641268.28   | 4291129.76  | 2.55448 | 641308.28   |
| 4291129.76  | 2.93890     |         |             |
| 641348.28   | 4291129.76  | 3.37134 | 641388.28   |
| 4291129.76  | 3.82970     |         |             |
| 641428.28   | 4291129.76  | 4.28362 | 641468.28   |
| 4291129.76  | 4.70726     |         |             |
| 641508.28   | 4291129.76  | 5.06511 | 641548.28   |
| 4291129.76  | 5.32842     |         |             |
| 641588.28   | 4291129.76  | 5.48092 | 641628.28   |
| 4291129.76  | 5.51307     |         |             |
| 641668.28   | 4291129.76  | 5.41680 | 641708.28   |
| 4291129.76  | 5.18973     |         |             |
| 641748.28   | 4291129.76  | 4.84829 | 641788.28   |
| 4291129.76  | 4.43084     |         |             |
| 641828.28   | 4291129.76  | 3.98042 | 641868.28   |
| 4291129.76  | 3.53493     |         |             |
| 641908.28   | 4291129.76  | 3.11285 | 641948.28   |
| 4291129.76  | 2.72922     |         |             |

|            |            |         |           |
|------------|------------|---------|-----------|
| 641988.28  | 4291129.76 | 2.39129 | 642028.28 |
| 4291129.76 | 2.10210    |         |           |
| 642068.28  | 4291129.76 | 1.85920 | 642108.28 |
| 4291129.76 | 1.65620    |         |           |
| 642148.28  | 4291129.76 | 1.48530 | 641374.56 |
| 4290226.75 | 1.99745    |         |           |
| 641414.56  | 4290226.75 | 2.23344 | 641454.56 |
| 4290226.75 | 2.49680    |         |           |
| 641494.56  | 4290226.75 | 2.78458 | 641534.56 |
| 4290226.75 | 3.09444    |         |           |
| 641574.56  | 4290226.75 | 3.42974 | 641614.56 |
| 4290226.75 | 3.79303    |         |           |
| 641654.56  | 4290226.75 | 4.18345 | 641694.56 |
| 4290226.75 | 4.57345    |         |           |
| 641734.56  | 4290226.75 | 4.95948 | 641774.56 |
| 4290226.75 | 5.43209    |         |           |
| 641814.56  | 4290226.75 | 6.05768 | 641854.56 |
| 4290226.75 | 6.69729    |         |           |
| 641894.56  | 4290226.75 | 7.01780 | 641934.56 |
| 4290226.75 | 6.81656    |         |           |
| 641974.56  | 4290226.75 | 6.21273 | 642014.56 |
| 4290226.75 | 5.44943    |         |           |
| 642054.56  | 4290226.75 | 4.69249 | 642094.56 |
| 4290226.75 | 4.01284    |         |           |
| 642134.56  | 4290226.75 | 3.43130 | 642174.56 |
| 4290226.75 | 2.94366    |         |           |
| 642214.56  | 4290226.75 | 2.53600 | 642254.56 |
| 4290226.75 | 2.19836    |         |           |
| 642294.56  | 4290226.75 | 1.91933 | 642334.56 |
| 4290226.75 | 1.68691    |         |           |
| 642374.56  | 4290226.75 | 1.49084 | 642414.56 |
| 4290226.75 | 1.32599    |         |           |
| 642454.56  | 4290226.75 | 1.18734 | 642494.56 |
| 4290226.75 | 1.06954    |         |           |
| 642534.56  | 4290226.75 | 0.96894 | 642574.56 |
| 4290226.75 | 0.88233    |         |           |
| 642614.56  | 4290226.75 | 0.80836 | 641374.56 |
| 4290266.75 | 2.16744    |         |           |
| 641414.56  | 4290266.75 | 2.45673 | 641454.56 |
| 4290266.75 | 2.78733    |         |           |
| 641494.56  | 4290266.75 | 3.15900 | 641534.56 |
| 4290266.75 | 3.57206    |         |           |
| 641574.56  | 4290266.75 | 4.03010 | 641614.56 |
| 4290266.75 | 4.53839    |         |           |
| 641654.56  | 4290266.75 | 5.08726 | 641694.56 |
| 4290266.75 | 5.63623    |         |           |
| 641734.56  | 4290266.75 | 6.19750 | 641774.56 |
| 4290266.75 | 6.89832    |         |           |
| 641814.56  | 4290266.75 | 7.80688 | 641854.56 |
| 4290266.75 | 8.58621    |         |           |



▲ \*\*\* AERMOD - VERSION 24142 \*\*\*      \*\*\* C:\Lakes\AERMOD View\Baseline Road Fuel  
 Station\_TOG\Baseline Road Fu \*\*\*      08/18/25  
 \*\*\* AERMET - VERSION 19191 \*\*\*      \*\*\*  
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\*\*\* MODELOPTs:      RegDFAULT    CONC    ELEV    URBAN    ADJ\_U\*

\*\*\* THE PERIOD ( 43680 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: SPILL      \*\*\*

INCLUDING SOURCE(S):      VOL7      , VOL8  
 , VOL9      , VOL10      , VOL11      ,  
                  VOL12      , VOL15      , VOL17      ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF TOG      IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|---------|-------------|
| Y-COORD (M) | CONC        |         |             |
| 641894.56   | 4290266.75  | 8.69338 | 641934.56   |
| 4290266.75  | 8.04641     |         |             |
| 641974.56   | 4290266.75  | 7.01162 | 642014.56   |
| 4290266.75  | 5.93367     |         |             |
| 642054.56   | 4290266.75  | 4.96917 | 642094.56   |
| 4290266.75  | 4.16125     |         |             |
| 642134.56   | 4290266.75  | 3.50159 | 642174.56   |
| 4290266.75  | 2.96604     |         |             |
| 642214.56   | 4290266.75  | 2.53039 | 642254.56   |
| 4290266.75  | 2.17621     |         |             |
| 642294.56   | 4290266.75  | 1.88970 | 642334.56   |
| 4290266.75  | 1.65513     |         |             |
| 642374.56   | 4290266.75  | 1.46020 | 642414.56   |
| 4290266.75  | 1.29804     |         |             |
| 642454.56   | 4290266.75  | 1.16329 | 642494.56   |
| 4290266.75  | 1.04932     |         |             |
| 642534.56   | 4290266.75  | 0.95213 | 642574.56   |
| 4290266.75  | 0.86801     |         |             |
| 642614.56   | 4290266.75  | 0.79593 | 641374.56   |
| 4290306.75  | 2.34261     |         |             |
| 641414.56   | 4290306.75  | 2.69305 | 641454.56   |
| 4290306.75  | 3.10629     |         |             |
| 641494.56   | 4290306.75  | 3.59280 | 641534.56   |
| 4290306.75  | 4.15811     |         |             |
| 641574.56   | 4290306.75  | 4.80315 | 641614.56   |
| 4290306.75  | 5.51733     |         |             |

|            |            |          |           |
|------------|------------|----------|-----------|
| 641654.56  | 4290306.75 | 6.30647  | 641694.56 |
| 4290306.75 | 7.13858    |          |           |
| 641734.56  | 4290306.75 | 7.99779  | 641774.56 |
| 4290306.75 | 9.07311    |          |           |
| 641814.56  | 4290306.75 | 10.42154 | 641854.56 |
| 4290306.75 | 11.23762   |          |           |
| 641894.56  | 4290306.75 | 10.77216 | 641934.56 |
| 4290306.75 | 9.38371    |          |           |
| 641974.56  | 4290306.75 | 7.78286  | 642014.56 |
| 4290306.75 | 6.34577    |          |           |
| 642054.56  | 4290306.75 | 5.16849  | 642094.56 |
| 4290306.75 | 4.24300    |          |           |
| 642134.56  | 4290306.75 | 3.51548  | 642174.56 |
| 4290306.75 | 2.94411    |          |           |
| 642214.56  | 4290306.75 | 2.49312  | 642254.56 |
| 4290306.75 | 2.13462    |          |           |
| 642294.56  | 4290306.75 | 1.84846  | 642334.56 |
| 4290306.75 | 1.61742    |          |           |
| 642374.56  | 4290306.75 | 1.42671  | 642414.56 |
| 4290306.75 | 1.26973    |          |           |
| 642454.56  | 4290306.75 | 1.13990  | 642494.56 |
| 4290306.75 | 1.03002    |          |           |
| 642534.56  | 4290306.75 | 0.93602  | 642574.56 |
| 4290306.75 | 0.85454    |          |           |
| 642614.56  | 4290306.75 | 0.77783  | 641374.56 |
| 4290346.75 | 2.52166    |          |           |
| 641414.56  | 4290346.75 | 2.93638  | 641454.56 |
| 4290346.75 | 3.45177    |          |           |
| 641494.56  | 4290346.75 | 4.08768  | 641534.56 |
| 4290346.75 | 4.85733    |          |           |
| 641574.56  | 4290346.75 | 5.76696  | 641614.56 |
| 4290346.75 | 6.82417    |          |           |
| 641654.56  | 4290346.75 | 8.03825  | 641694.56 |
| 4290346.75 | 9.36737    |          |           |
| 641734.56  | 4290346.75 | 10.75745 | 641774.56 |
| 4290346.75 | 12.54691   |          |           |
| 641814.56  | 4290346.75 | 14.54866 | 641854.56 |
| 4290346.75 | 14.93706   |          |           |
| 641894.56  | 4290346.75 | 13.19741 | 641934.56 |
| 4290346.75 | 10.69808   |          |           |
| 641974.56  | 4290346.75 | 8.43398  | 642014.56 |
| 4290346.75 | 6.63307    |          |           |
| 642054.56  | 4290346.75 | 5.26330  | 642094.56 |
| 4290346.75 | 4.23992    |          |           |
| 642134.56  | 4290346.75 | 3.46610  | 642174.56 |
| 4290346.75 | 2.88153    |          |           |
| 642214.56  | 4290346.75 | 2.43143  | 642254.56 |
| 4290346.75 | 2.08101    |          |           |
| 642294.56  | 4290346.75 | 1.80318  | 642334.56 |
| 4290346.75 | 1.57937    |          |           |

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        642374.56    4290346.75          1.39591          642414.56
4290346.75          1.24438
        642454.56    4290346.75          1.11849          642494.56
4290346.75          1.01185
^ *** AERMOD - VERSION 24142 ***      *** C:\Lakes\AERMOD View\Baseline Road Fuel
Station_TOG\Baseline Road Fu ***      08/18/25
*** AERMET - VERSION 19191 ***      ***
***                                     13:19:08

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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*** THE PERIOD ( 43680 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SPILL ***
        INCLUDING SOURCE(S):      VOL7          , VOL8
, VOL9          , VOL10          , VOL11          ,
        VOL12          , VOL15          , VOL17          ,

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\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

```

***
** CONC OF TOG      IN MICROGRAMS/M**3
**
X-COORD (M)  Y-COORD (M)  CONC  X-COORD (M)
Y-COORD (M)  CONC
-----
        642534.56    4290346.75    0.92041    642574.56
4290346.75    0.84102
        642614.56    4290346.75    0.75743    641374.56
4290386.75    2.70607
        641414.56    4290386.75    3.18582    641454.56
4290386.75    3.80582
        641494.56    4290386.75    4.60813    641534.56
4290386.75    5.65119
        641574.56    4290386.75    6.98551    641614.56
4290386.75    8.63095
        641654.56    4290386.75    10.60296    641694.56
4290386.75    12.87854
        641734.56    4290386.75    15.34400    641774.56
4290386.75    18.59391
        641814.56    4290386.75    21.34621    641854.56
4290386.75    19.90721
        641894.56    4290386.75    15.76425    641934.56
4290386.75    11.81022
        641974.56    4290386.75    8.83262    642014.56
4290386.75    6.71828
        642054.56    4290386.75    5.22119    642094.56
4290386.75    4.15227

```

|            |            |          |           |
|------------|------------|----------|-----------|
| 642134.56  | 4290386.75 | 3.37254  | 642174.56 |
| 4290386.75 | 2.79945    |          |           |
| 642214.56  | 4290386.75 | 2.36416  | 642254.56 |
| 4290386.75 | 2.02687    |          |           |
| 642294.56  | 4290386.75 | 1.75947  | 642334.56 |
| 4290386.75 | 1.54340    |          |           |
| 642374.56  | 4290386.75 | 1.36662  | 642414.56 |
| 4290386.75 | 1.21963    |          |           |
| 642454.56  | 4290386.75 | 1.09772  | 642494.56 |
| 4290386.75 | 0.99410    |          |           |
| 642534.56  | 4290386.75 | 0.90513  | 642574.56 |
| 4290386.75 | 0.82776    |          |           |
| 642614.56  | 4290386.75 | 0.76046  | 641374.56 |
| 4290426.75 | 2.89903    |          |           |
| 641414.56  | 4290426.75 | 3.44669  | 641454.56 |
| 4290426.75 | 4.17059    |          |           |
| 641494.56  | 4290426.75 | 5.14890  | 641534.56 |
| 4290426.75 | 6.52864    |          |           |
| 641574.56  | 4290426.75 | 8.45545  | 641614.56 |
| 4290426.75 | 11.09154   |          |           |
| 641654.56  | 4290426.75 | 14.55359 | 641694.56 |
| 4290426.75 | 18.85515   |          |           |
| 641734.56  | 4290426.75 | 23.94044 | 641774.56 |
| 4290426.75 | 30.57199   |          |           |
| 641814.56  | 4290426.75 | 32.81344 | 641854.56 |
| 4290426.75 | 25.94384   |          |           |
| 641894.56  | 4290426.75 | 18.05290 | 641934.56 |
| 4290426.75 | 12.46423   |          |           |
| 641974.56  | 4290426.75 | 8.87965  | 642014.56 |
| 4290426.75 | 6.58322    |          |           |
| 642054.56  | 4290426.75 | 5.06213  | 642094.56 |
| 4290426.75 | 4.01461    |          |           |
| 642134.56  | 4290426.75 | 3.26627  | 642174.56 |
| 4290426.75 | 2.71683    |          |           |
| 642214.56  | 4290426.75 | 2.29967  | 642254.56 |
| 4290426.75 | 1.97511    |          |           |
| 642294.56  | 4290426.75 | 1.71829  | 642334.56 |
| 4290426.75 | 1.51013    |          |           |
| 642374.56  | 4290426.75 | 1.33921  | 642414.56 |
| 4290426.75 | 1.19676    |          |           |
| 642454.56  | 4290426.75 | 1.07785  | 642494.56 |
| 4290426.75 | 0.97713    |          |           |
| 642534.56  | 4290426.75 | 0.89077  | 642574.56 |
| 4290426.75 | 0.81541    |          |           |
| 642614.56  | 4290426.75 | 0.75018  | 641374.56 |
| 4290466.75 | 3.09250    |          |           |
| 641414.56  | 4290466.75 | 3.71177  | 641454.56 |
| 4290466.75 | 4.54804    |          |           |
| 641494.56  | 4290466.75 | 5.71677  | 641534.56 |
| 4290466.75 | 7.44657    |          |           |

|            |            |          |           |
|------------|------------|----------|-----------|
| 641574.56  | 4290466.75 | 10.08507 | 641614.56 |
| 4290466.75 | 14.24858   |          |           |
| 641654.56  | 4290466.75 | 20.67964 | 641694.56 |
| 4290466.75 | 30.22899   |          |           |
| 641734.56  | 4290466.75 | 43.12560 | 641774.56 |
| 4290466.75 | 58.83973   |          |           |
| 641814.56  | 4290466.75 | 51.21839 | 641854.56 |
| 4290466.75 | 31.69113   |          |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\*      \*\*\* C:\Lakes\AERMOD View\Baseline Road Fuel  
 Station\_TOG\Baseline Road Fu \*\*\*      08/18/25  
 \*\*\* AERMET - VERSION 19191 \*\*\*      \*\*\*  
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\*\*\* MODELOPTs:      RegDFAULT    CONC    ELEV    URBAN    ADJ\_U\*

\*\*\* THE PERIOD ( 43680 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: SPILL      \*\*\*  
                                  INCLUDING SOURCE(S):      VOL7      , VOL8  
 , VOL9      , VOL10      , VOL11      ,  
                                  VOL12      , VOL15      , VOL17      ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS  
 \*\*\*

\*\* CONC OF TOG      IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC     | X-COORD (M) |
|-------------|-------------|----------|-------------|
| Y-COORD (M) | CONC        |          |             |
| -----       |             |          |             |
| -----       |             |          |             |
| 641894.56   | 4290466.75  | 19.21263 | 641934.56   |
| 4290466.75  | 12.38232    |          |             |
| 641974.56   | 4290466.75  | 8.58402  | 642014.56   |
| 4290466.75  | 6.31457     |          |             |
| 642054.56   | 4290466.75  | 4.86286  | 642094.56   |
| 4290466.75  | 3.87364     |          |             |
| 642134.56   | 4290466.75  | 3.16499  | 642174.56   |
| 4290466.75  | 2.64011     |          |             |
| 642214.56   | 4290466.75  | 2.23995  | 642254.56   |
| 4290466.75  | 1.92780     |          |             |
| 642294.56   | 4290466.75  | 1.68112  | 642334.56   |
| 4290466.75  | 1.48055     |          |             |
| 642374.56   | 4290466.75  | 1.31506  | 642414.56   |
| 4290466.75  | 1.17691     |          |             |
| 642454.56   | 4290466.75  | 1.06050  | 642494.56   |
| 4290466.75  | 0.96225     |          |             |
| 642534.56   | 4290466.75  | 0.87824  | 642574.56   |
| 4290466.75  | 0.80519     |          |             |

|            |            |         |           |
|------------|------------|---------|-----------|
| 642614.56  | 4290466.75 | 0.74183 | 641920.09 |
| 4290522.63 | 13.38040   |         |           |
| 641960.09  | 4290522.63 | 9.07679 | 642000.09 |
| 4290522.63 | 6.60877    |         |           |
| 642040.09  | 4290522.63 | 5.05609 | 642080.09 |
| 4290522.63 | 4.00938    |         |           |
| 642120.09  | 4290522.63 | 3.26450 | 642160.09 |
| 4290522.63 | 2.71630    |         |           |
| 642200.09  | 4290522.63 | 2.30114 | 642240.09 |
| 4290522.63 | 1.97819    |         |           |
| 642280.09  | 4290522.63 | 1.72202 | 642320.09 |
| 4290522.63 | 1.51501    |         |           |
| 642360.09  | 4290522.63 | 1.34473 | 642400.09 |
| 4290522.63 | 1.20299    |         |           |
| 642440.09  | 4290522.63 | 1.08352 | 642480.09 |
| 4290522.63 | 0.98247    |         |           |
| 642520.09  | 4290522.63 | 0.89583 | 642560.09 |
| 4290522.63 | 0.82095    |         |           |
| 642600.09  | 4290522.63 | 0.75572 | 641920.09 |
| 4290562.63 | 12.83358   |         |           |
| 641960.09  | 4290562.63 | 8.79413 | 642000.09 |
| 4290562.63 | 6.44384    |         |           |
| 642040.09  | 4290562.63 | 4.94941 | 642080.09 |
| 4290562.63 | 3.93547    |         |           |
| 642120.09  | 4290562.63 | 3.21401 | 642160.09 |
| 4290562.63 | 2.68032    |         |           |
| 642200.09  | 4290562.63 | 2.27644 | 642240.09 |
| 4290562.63 | 1.96022    |         |           |
| 642280.09  | 4290562.63 | 1.70843 | 642320.09 |
| 4290562.63 | 1.50446    |         |           |
| 642360.09  | 4290562.63 | 1.33670 | 642400.09 |
| 4290562.63 | 1.19691    |         |           |
| 642440.09  | 4290562.63 | 1.07907 | 642480.09 |
| 4290562.63 | 0.97883    |         |           |
| 642520.09  | 4290562.63 | 0.89273 | 642560.09 |
| 4290562.63 | 0.81808    |         |           |
| 642600.09  | 4290562.63 | 0.75283 | 641920.09 |
| 4290602.63 | 12.33430   |         |           |
| 641960.09  | 4290602.63 | 8.55732 | 642000.09 |
| 4290602.63 | 6.31709    |         |           |
| 642040.09  | 4290602.63 | 4.87478 | 642080.09 |
| 4290602.63 | 3.88889    |         |           |
| 642120.09  | 4290602.63 | 3.18358 | 642160.09 |
| 4290602.63 | 2.66033    |         |           |
| 642200.09  | 4290602.63 | 2.26274 | 642240.09 |
| 4290602.63 | 1.95056    |         |           |
| 642280.09  | 4290602.63 | 1.70144 | 642320.09 |
| 4290602.63 | 1.49940    |         |           |
| 642360.09  | 4290602.63 | 1.33304 | 642400.09 |
| 4290602.63 | 1.19426    |         |           |

|            |            |         |           |
|------------|------------|---------|-----------|
| 642440.09  | 4290602.63 | 1.07720 | 642480.09 |
| 4290602.63 | 0.97745    |         |           |
| 642520.09  | 4290602.63 | 0.89168 | 642560.09 |
| 4290602.63 | 0.81730    |         |           |
| 642600.09  | 4290602.63 | 0.75186 | 641920.09 |
| 4290642.63 | 11.35148   |         |           |
| 641960.09  | 4290642.63 | 8.08807 | 642000.09 |
| 4290642.63 | 6.07088    |         |           |
| 642040.09  | 4290642.63 | 4.73637 | 642080.09 |
| 4290642.63 | 3.80692    |         |           |
| 642120.09  | 4290642.63 | 3.13270 | 642160.09 |
| 4290642.63 | 2.62811    |         |           |

\*\*\* AERMOD - VERSION 24142 \*\*\*  
 Station\_TOG\Baseline Road Fu  
 \*\*\* AERMET - VERSION 19191 \*\*\*  
 \*\*\*

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 13:19:08

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43680 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: SPILL

INCLUDING SOURCE(S): VOL7 , VOL8  
 , VOL9 , VOL10 , VOL11 ,  
 VOL12 , VOL15 , VOL17 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF TOG IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|---------|-------------|
| Y-COORD (M) | CONC        |         |             |
| 642200.09   | 4290642.63  | 2.24148 | 642240.09   |
| 4290642.63  | 1.93618     |         |             |
| 642280.09   | 4290642.63  | 1.69166 | 642320.09   |
| 4290642.63  | 1.49265     |         |             |
| 642360.09   | 4290642.63  | 1.32835 | 642400.09   |
| 4290642.63  | 1.19100     |         |             |
| 642440.09   | 4290642.63  | 1.07493 | 642480.09   |
| 4290642.63  | 0.97589     |         |             |
| 642520.09   | 4290642.63  | 0.89061 | 642560.09   |
| 4290642.63  | 0.81658     |         |             |
| 642600.09   | 4290642.63  | 0.75157 | 641920.09   |
| 4290682.63  | 10.05128    |         |             |
| 641960.09   | 4290682.63  | 7.37633 | 642000.09   |
| 4290682.63  | 5.66051     |         |             |

|            |            |         |           |
|------------|------------|---------|-----------|
| 642040.09  | 4290682.63 | 4.48963 | 642080.09 |
| 4290682.63 | 3.65284    |         |           |
| 642120.09  | 4290682.63 | 3.03345 | 642160.09 |
| 4290682.63 | 2.56271    |         |           |
| 642200.09  | 4290682.63 | 2.19714 | 642240.09 |
| 4290682.63 | 1.90548    |         |           |
| 642280.09  | 4290682.63 | 1.67014 | 642320.09 |
| 4290682.63 | 1.47738    |         |           |
| 642360.09  | 4290682.63 | 1.31743 | 642400.09 |
| 4290682.63 | 1.18313    |         |           |
| 642440.09  | 4290682.63 | 1.06922 | 642480.09 |
| 4290682.63 | 0.97174    |         |           |
| 642520.09  | 4290682.63 | 0.88761 | 642560.09 |
| 4290682.63 | 0.81443    |         |           |
| 642600.09  | 4290682.63 | 0.75014 | 641920.09 |
| 4290722.63 | 8.84672    |         |           |
| 641960.09  | 4290722.63 | 6.64127 | 642000.09 |
| 4290722.63 | 5.18697    |         |           |
| 642040.09  | 4290722.63 | 4.17641 | 642080.09 |
| 4290722.63 | 3.44207    |         |           |
| 642120.09  | 4290722.63 | 2.88918 | 642160.09 |
| 4290722.63 | 2.46267    |         |           |
| 642200.09  | 4290722.63 | 2.12637 | 642240.09 |
| 4290722.63 | 1.85474    |         |           |
| 642280.09  | 4290722.63 | 1.63319 | 642320.09 |
| 4290722.63 | 1.45018    |         |           |
| 642360.09  | 4290722.63 | 1.29718 | 642400.09 |
| 4290722.63 | 1.16794    |         |           |
| 642440.09  | 4290722.63 | 1.05777 | 642480.09 |
| 4290722.63 | 0.96305    |         |           |
| 642520.09  | 4290722.63 | 0.88098 | 642560.09 |
| 4290722.63 | 0.80937    |         |           |
| 642600.09  | 4290722.63 | 0.74635 | 641920.09 |
| 4290762.63 | 7.81866    |         |           |
| 641960.09  | 4290762.63 | 5.98912 | 642000.09 |
| 4290762.63 | 4.74412    |         |           |
| 642040.09  | 4290762.63 | 3.86148 | 642080.09 |
| 4290762.63 | 3.21319    |         |           |
| 642120.09  | 4290762.63 | 2.72176 | 642160.09 |
| 4290762.63 | 2.33959    |         |           |
| 642200.09  | 4290762.63 | 2.03498 | 642240.09 |
| 4290762.63 | 1.78659    |         |           |
| 642280.09  | 4290762.63 | 1.58192 | 642320.09 |
| 4290762.63 | 1.41125    |         |           |
| 642360.09  | 4290762.63 | 1.26736 | 642400.09 |
| 4290762.63 | 1.14492    |         |           |
| 642440.09  | 4290762.63 | 1.03986 | 642480.09 |
| 4290762.63 | 0.94900    |         |           |
| 642520.09  | 4290762.63 | 0.86993 | 642560.09 |
| 4290762.63 | 0.80064    |         |           |



|            |            |         |           |
|------------|------------|---------|-----------|
| 642600.09  | 4290762.63 | 0.73949 | 641920.09 |
| 4290802.63 | 6.93636    |         |           |
| 641960.09  | 4290802.63 | 5.41597 | 642000.09 |
| 4290802.63 | 4.35179    |         |           |
| 642040.09  | 4290802.63 | 3.57734 | 642080.09 |
| 4290802.63 | 2.99851    |         |           |
| 642120.09  | 4290802.63 | 2.55561 | 642160.09 |
| 4290802.63 | 2.21014    |         |           |
| 642200.09  | 4290802.63 | 1.93382 | 642240.09 |
| 4290802.63 | 1.70775    |         |           |
| 642280.09  | 4290802.63 | 1.52037 | 642320.09 |
| 4290802.63 | 1.36304    |         |           |
| 642360.09  | 4290802.63 | 1.22941 | 642400.09 |
| 4290802.63 | 1.11488    |         |           |
| 642440.09  | 4290802.63 | 1.01593 | 642480.09 |
| 4290802.63 | 0.92986    |         |           |

\*\*\* AERMOD - VERSION 24142 \*\*\*  
 Station\_TOG\Baseline Road Fuel  
 \*\*\* AERMET - VERSION 19191 \*\*\*  
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 \*\*\* C:\Lakes\AERMOD View\Baseline Road Fuel  
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\*\*\* MODELOPTs: RegDFault CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43680 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: SPILL  
 INCLUDING SOURCE(S): VOL7 , VOL8  
 , VOL9 , VOL10 , VOL11 ,  
 VOL12 , VOL15 , VOL17 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

| X-COORD (M) |            | Y-COORD (M) | CONC      | X-COORD (M) |
|-------------|------------|-------------|-----------|-------------|
| Y-COORD (M) |            | CONC        |           |             |
| 642520.09   | 4290802.63 | 0.85453     | 642560.09 |             |
| 4290802.63  | 0.78820    |             |           |             |
| 642600.09   | 4290802.63 | 0.72942     | 641920.09 |             |
| 4290842.63  | 6.18313    |             |           |             |
| 641960.09   | 4290842.63 | 4.91377     | 642000.09 |             |
| 4290842.63  | 4.00115    |             |           |             |
| 642040.09   | 4290842.63 | 3.32453     | 642080.09 |             |
| 4290842.63  | 2.80719    |             |           |             |
| 642120.09   | 4290842.63 | 2.40415     | 642160.09 |             |
| 4290842.63  | 2.08802    |             |           |             |

|            |            |          |           |
|------------|------------|----------|-----------|
| 642200.09  | 4290842.63 | 1.83415  | 642240.09 |
| 4290842.63 | 1.62644    |          |           |
| 642280.09  | 4290842.63 | 1.45424  | 642320.09 |
| 4290842.63 | 1.30933    |          |           |
| 642360.09  | 4290842.63 | 1.18584  | 642400.09 |
| 4290842.63 | 1.07951    |          |           |
| 642440.09  | 4290842.63 | 0.98716  | 642480.09 |
| 4290842.63 | 0.90638    |          |           |
| 642520.09  | 4290842.63 | 0.83530  | 642560.09 |
| 4290842.63 | 0.77235    |          |           |
| 642600.09  | 4290842.63 | 0.71641  | 641920.09 |
| 4290882.63 | 5.52706    |          |           |
| 641960.09  | 4290882.63 | 4.46553  | 642000.09 |
| 4290882.63 | 3.68395    |          |           |
| 642040.09  | 4290882.63 | 3.09328  | 642080.09 |
| 4290882.63 | 2.63478    |          |           |
| 642120.09  | 4290882.63 | 2.27202  | 642160.09 |
| 4290882.63 | 1.97852    |          |           |
| 642200.09  | 4290882.63 | 1.74275  | 642240.09 |
| 4290882.63 | 1.54947    |          |           |
| 642280.09  | 4290882.63 | 1.38925  | 642320.09 |
| 4290882.63 | 1.25459    |          |           |
| 642360.09  | 4290882.63 | 1.13991  | 642400.09 |
| 4290882.63 | 1.04112    |          |           |
| 642440.09  | 4290882.63 | 0.95514  | 642480.09 |
| 4290882.63 | 0.87968    |          |           |
| 642520.09  | 4290882.63 | 0.81301  | 642560.09 |
| 4290882.63 | 0.75375    |          |           |
| 642600.09  | 4290882.63 | 0.70081  | 641450.64 |
| 4290754.44 | 5.66375    |          |           |
| 641490.64  | 4290754.44 | 7.55045  | 641530.64 |
| 4290754.44 | 10.59006   |          |           |
| 641570.64  | 4290754.44 | 15.54421 | 641610.64 |
| 4290754.44 | 23.21355   |          |           |
| 641650.64  | 4290754.44 | 32.76409 | 641450.64 |
| 4290794.44 | 5.85015    |          |           |
| 641490.64  | 4290794.44 | 7.79291  | 641530.64 |
| 4290794.44 | 10.72863   |          |           |
| 641570.64  | 4290794.44 | 14.98518 | 641610.64 |
| 4290794.44 | 20.38307   |          |           |
| 641650.64  | 4290794.44 | 25.61105 | 641450.64 |
| 4290834.44 | 5.99081    |          |           |
| 641490.64  | 4290834.44 | 7.87011  | 641530.64 |
| 4290834.44 | 10.47628   |          |           |
| 641570.64  | 4290834.44 | 13.79055 | 641610.64 |
| 4290834.44 | 17.34952   |          |           |
| 641650.64  | 4290834.44 | 20.16811 |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\*  
 Station\_TOG\Baseline Road Fu \*\*\*

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43680 HRS) AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: LOADING  
 \*\*\*  
 INCLUDING SOURCE(S): STCK1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF TOG IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|---------|-------------|
| Y-COORD (M) | CONC        |         |             |
| 641284.31   | 4290506.68  | 2.28914 | 641324.31   |
| 4290506.68  | 2.67219     |         |             |
| 641364.31   | 4290506.68  | 3.16658 | 641404.31   |
| 4290506.68  | 3.81615     |         |             |
| 641284.31   | 4290546.68  | 2.37419 | 641324.31   |
| 4290546.68  | 2.78725     |         |             |
| 641364.31   | 4290546.68  | 3.33085 | 641404.31   |
| 4290546.68  | 4.06080     |         |             |
| 641284.31   | 4290586.68  | 2.44038 | 641324.31   |
| 4290586.68  | 2.87714     |         |             |
| 641364.31   | 4290586.68  | 3.45440 | 641404.31   |
| 4290586.68  | 4.23507     |         |             |
| 641284.31   | 4290626.68  | 2.49133 | 641324.31   |
| 4290626.68  | 2.93740     |         |             |
| 641364.31   | 4290626.68  | 3.53272 | 641404.31   |
| 4290626.68  | 4.33498     |         |             |
| 641284.31   | 4290666.68  | 2.53180 | 641324.31   |
| 4290666.68  | 2.98996     |         |             |
| 641364.31   | 4290666.68  | 3.60758 | 641404.31   |
| 4290666.68  | 4.42784     |         |             |
| 641284.31   | 4290706.68  | 2.56649 | 641324.31   |
| 4290706.68  | 3.03692     |         |             |
| 641364.31   | 4290706.68  | 3.67397 | 641404.31   |
| 4290706.68  | 4.52911     |         |             |
| 641284.31   | 4290746.68  | 2.60298 | 641324.31   |
| 4290746.68  | 3.08236     |         |             |
| 641364.31   | 4290746.68  | 3.73756 | 641404.31   |
| 4290746.68  | 4.63986     |         |             |
| 641284.31   | 4290786.68  | 2.64338 | 641324.31   |
| 4290786.68  | 3.13751     |         |             |

|            |            |          |           |
|------------|------------|----------|-----------|
| 641364.31  | 4290786.68 | 3.81428  | 641404.31 |
| 4290786.68 | 4.76820    |          |           |
| 641284.31  | 4290826.68 | 2.69080  | 641324.31 |
| 4290826.68 | 3.20671    |          |           |
| 641364.31  | 4290826.68 | 3.90636  | 641404.31 |
| 4290826.68 | 4.90472    |          |           |
| 641284.31  | 4290866.68 | 2.74392  | 641324.31 |
| 4290866.68 | 3.28208    |          |           |
| 641364.31  | 4290866.68 | 4.00655  | 641404.31 |
| 4290866.68 | 5.02308    |          |           |
| 641268.28  | 4290889.76 | 2.59465  | 641308.28 |
| 4290889.76 | 3.08807    |          |           |
| 641348.28  | 4290889.76 | 3.73698  | 641388.28 |
| 4290889.76 | 4.62282    |          |           |
| 641428.28  | 4290889.76 | 5.83259  | 641468.28 |
| 4290889.76 | 7.45425    |          |           |
| 641508.28  | 4290889.76 | 9.56410  | 641548.28 |
| 4290889.76 | 12.10557   |          |           |
| 641588.28  | 4290889.76 | 14.78987 | 641628.28 |
| 4290889.76 | 17.04372   |          |           |
| 642188.28  | 4290889.76 | 1.81410  | 642228.28 |
| 4290889.76 | 1.60832    |          |           |
| 642268.28  | 4290889.76 | 1.43746  | 642308.28 |
| 4290889.76 | 1.29357    |          |           |
| 642348.28  | 4290889.76 | 1.17114  | 642388.28 |
| 4290889.76 | 1.06597    |          |           |
| 642428.28  | 4290889.76 | 0.97484  | 641268.28 |
| 4290929.76 | 2.64585    |          |           |
| 641308.28  | 4290929.76 | 3.15136  | 641348.28 |
| 4290929.76 | 3.80527    |          |           |
| 641388.28  | 4290929.76 | 4.66994  | 641428.28 |
| 4290929.76 | 5.79894    |          |           |
| 641468.28  | 4290929.76 | 7.22320  | 641508.28 |
| 4290929.76 | 8.93237    |          |           |
| 641548.28  | 4290929.76 | 10.80265 | 641588.28 |
| 4290929.76 | 12.57157   |          |           |
| 641628.28  | 4290929.76 | 13.87408 | 642188.28 |
| 4290929.76 | 1.72638    |          |           |
| 642228.28  | 4290929.76 | 1.53536  | 642268.28 |
| 4290929.76 | 1.37694    |          |           |
| 642308.28  | 4290929.76 | 1.24301  | 642348.28 |
| 4290929.76 | 1.12868    |          |           |
| 642388.28  | 4290929.76 | 1.03034  | 642428.28 |
| 4290929.76 | 0.94505    |          |           |
| 641268.28  | 4290969.76 | 2.69306  | 641308.28 |
| 4290969.76 | 3.19864    |          |           |
| 641348.28  | 4290969.76 | 3.84004  | 641388.28 |
| 4290969.76 | 4.65507    |          |           |
| 641428.28  | 4290969.76 | 5.66695  | 641468.28 |
| 4290969.76 | 6.86794    |          |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\*      \*\*\* C:\Lakes\AERMOD View\Baseline Road Fuel  
 Station\_TOG\Baseline Road Fu \*\*\*      08/18/25  
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\*\*\* MODELOPTs:      RegDFAULT    CONC    ELEV    URBAN    ADJ\_U\*

\*\*\* THE PERIOD ( 43680 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: LOADING \*\*\*  
 INCLUDING SOURCE(S):      STCK1      ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

|             |             | ** CONC OF TOG | IN MICROGRAMS/M**3 |
|-------------|-------------|----------------|--------------------|
| **          |             |                |                    |
| X-COORD (M) | Y-COORD (M) | CONC           | X-COORD (M)        |
| Y-COORD (M) | CONC        |                |                    |
| 641508.28   | 4290969.76  | 8.20550        | 641548.28          |
| 4290969.76  | 9.55044     |                |                    |
| 641588.28   | 4290969.76  | 10.70898       | 641628.28          |
| 4290969.76  | 11.45991    |                |                    |
| 641668.28   | 4290969.76  | 11.62213       | 641708.28          |
| 4290969.76  | 11.11782    |                |                    |
| 641748.28   | 4290969.76  | 10.03510       | 641788.28          |
| 4290969.76  | 8.62011     |                |                    |
| 641828.28   | 4290969.76  | 7.16553        | 641868.28          |
| 4290969.76  | 5.87668     |                |                    |
| 641908.28   | 4290969.76  | 4.81810        | 641948.28          |
| 4290969.76  | 3.98329     |                |                    |
| 642188.28   | 4290969.76  | 1.64462        | 642228.28          |
| 4290969.76  | 1.46740     |                |                    |
| 642268.28   | 4290969.76  | 1.32010        | 642308.28          |
| 4290969.76  | 1.19495     |                |                    |
| 642348.28   | 4290969.76  | 1.08742        | 642388.28          |
| 4290969.76  | 0.99460     |                |                    |
| 642428.28   | 4290969.76  | 0.91426        | 641268.28          |
| 4291009.76  | 2.72858     |                |                    |
| 641308.28   | 4291009.76  | 3.22289        | 641348.28          |
| 4291009.76  | 3.83519     |                |                    |
| 641388.28   | 4291009.76  | 4.57805        | 641428.28          |
| 4291009.76  | 5.45476     |                |                    |
| 641468.28   | 4291009.76  | 6.43710        | 641508.28          |
| 4291009.76  | 7.46047     |                |                    |
| 641548.28   | 4291009.76  | 8.41614        | 641588.28          |
| 4291009.76  | 9.17186     |                |                    |

|            |            |         |           |
|------------|------------|---------|-----------|
| 641628.28  | 4291009.76 | 9.59993 | 641668.28 |
| 4291009.76 | 9.60751    |         |           |
| 641708.28  | 4291009.76 | 9.16730 | 641748.28 |
| 4291009.76 | 8.34683    |         |           |
| 641788.28  | 4291009.76 | 7.29983 | 641828.28 |
| 4291009.76 | 6.20016    |         |           |
| 641868.28  | 4291009.76 | 5.19300 | 641908.28 |
| 4291009.76 | 4.33631    |         |           |
| 641948.28  | 4291009.76 | 3.63912 | 642188.28 |
| 4291009.76 | 1.56955    |         |           |
| 642228.28  | 4291009.76 | 1.40547 | 642268.28 |
| 4291009.76 | 1.26752    |         |           |
| 642308.28  | 4291009.76 | 1.14974 | 642348.28 |
| 4291009.76 | 1.04828    |         |           |
| 642388.28  | 4291009.76 | 0.96069 | 642428.28 |
| 4291009.76 | 0.88463    |         |           |
| 641268.28  | 4291049.76 | 2.74627 | 641308.28 |
| 4291049.76 | 3.21799    |         |           |
| 641348.28  | 4291049.76 | 3.78600 | 641388.28 |
| 4291049.76 | 4.44751    |         |           |
| 641428.28  | 4291049.76 | 5.18650 | 641468.28 |
| 4291049.76 | 5.97290    |         |           |
| 641508.28  | 4291049.76 | 6.74438 | 641548.28 |
| 4291049.76 | 7.41909    |         |           |
| 641588.28  | 4291049.76 | 7.91107 | 641628.28 |
| 4291049.76 | 8.14689    |         |           |
| 641668.28  | 4291049.76 | 8.07904 | 641708.28 |
| 4291049.76 | 7.70103    |         |           |
| 641748.28  | 4291049.76 | 7.06249 | 641788.28 |
| 4291049.76 | 6.26346    |         |           |
| 641828.28  | 4291049.76 | 5.41488 | 641868.28 |
| 4291049.76 | 4.61910    |         |           |
| 641908.28  | 4291049.76 | 3.92011 | 641948.28 |
| 4291049.76 | 3.33465    |         |           |
| 642188.28  | 4291049.76 | 1.49753 | 642228.28 |
| 4291049.76 | 1.34657    |         |           |
| 642268.28  | 4291049.76 | 1.21760 | 642308.28 |
| 4291049.76 | 1.10706    |         |           |
| 642348.28  | 4291049.76 | 1.01146 | 642388.28 |
| 4291049.76 | 0.92867    |         |           |
| 642428.28  | 4291049.76 | 0.85655 | 641268.28 |
| 4291089.76 | 2.74415    |         |           |
| 641308.28  | 4291089.76 | 3.18526 | 641348.28 |
| 4291089.76 | 3.69961    |         |           |
| 641388.28  | 4291089.76 | 4.27442 | 641428.28 |
| 4291089.76 | 4.88513    |         |           |
| 641468.28  | 4291089.76 | 5.50531 | 641508.28 |
| 4291089.76 | 6.08236    |         |           |
| 641548.28  | 4291089.76 | 6.55680 | 641588.28 |
| 4291089.76 | 6.87518    |         |           |

641628.28 4291089.76 6.99534 641668.28  
 4291089.76 6.89268  
 \*\*\* AERMOD - VERSION 24142 \*\*\* \*\*\* C:\Lakes\AERMOD View\Baseline Road Fuel  
 Station\_TOG\Baseline Road Fu \*\*\* 08/18/25  
 \*\*\* AERMET - VERSION 19191 \*\*\* \*\*\*  
 \*\*\* 13:19:08

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\*\*\* MODELOPTs: RegDFault CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43680 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: LOADING \*\*\*

INCLUDING SOURCE(S): STCK1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF TOG IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|---------|-------------|
| Y-COORD (M) | CONC        |         |             |
| 641708.28   | 4291089.76  | 6.56909 | 641748.28   |
| 4291089.76  | 6.06137     |         |             |
| 641788.28   | 4291089.76  | 5.43709 | 641828.28   |
| 4291089.76  | 4.77022     |         |             |
| 641868.28   | 4291089.76  | 4.13223 | 641908.28   |
| 4291089.76  | 3.55748     |         |             |
| 641948.28   | 4291089.76  | 3.06388 | 641988.28   |
| 4291089.76  | 2.65098     |         |             |
| 642028.28   | 4291089.76  | 2.30662 | 642068.28   |
| 4291089.76  | 2.02288     |         |             |
| 642108.28   | 4291089.76  | 1.79137 | 642148.28   |
| 4291089.76  | 1.59332     |         |             |
| 641268.28   | 4291129.76  | 2.72137 | 641308.28   |
| 4291129.76  | 3.12601     |         |             |
| 641348.28   | 4291129.76  | 3.58287 | 641388.28   |
| 4291129.76  | 4.07335     |         |             |
| 641428.28   | 4291129.76  | 4.57051 | 641468.28   |
| 4291129.76  | 5.05377     |         |             |
| 641508.28   | 4291129.76  | 5.48275 | 641548.28   |
| 4291129.76  | 5.81578     |         |             |
| 641588.28   | 4291129.76  | 6.01926 | 641628.28   |
| 4291129.76  | 6.06907     |         |             |
| 641668.28   | 4291129.76  | 5.95295 | 641708.28   |
| 4291129.76  | 5.67563     |         |             |
| 641748.28   | 4291129.76  | 5.26449 | 641788.28   |
| 4291129.76  | 4.76674     |         |             |

|            |            |         |           |
|------------|------------|---------|-----------|
| 641828.28  | 4291129.76 | 4.23410 | 641868.28 |
| 4291129.76 | 3.71645    |         |           |
| 641908.28  | 4291129.76 | 3.24024 | 641948.28 |
| 4291129.76 | 2.82192    |         |           |
| 641988.28  | 4291129.76 | 2.46320 | 642028.28 |
| 4291129.76 | 2.16064    |         |           |
| 642068.28  | 4291129.76 | 1.90738 | 642108.28 |
| 4291129.76 | 1.69516    |         |           |
| 642148.28  | 4291129.76 | 1.51587 | 641374.56 |
| 4290226.75 | 1.92020    |         |           |
| 641414.56  | 4290226.75 | 2.12362 | 641454.56 |
| 4290226.75 | 2.34657    |         |           |
| 641494.56  | 4290226.75 | 2.58635 | 641534.56 |
| 4290226.75 | 2.84231    |         |           |
| 641574.56  | 4290226.75 | 3.11474 | 641614.56 |
| 4290226.75 | 3.40041    |         |           |
| 641654.56  | 4290226.75 | 3.70073 | 641694.56 |
| 4290226.75 | 4.01404    |         |           |
| 641734.56  | 4290226.75 | 4.35305 | 641774.56 |
| 4290226.75 | 4.76360    |         |           |
| 641814.56  | 4290226.75 | 5.22719 | 641854.56 |
| 4290226.75 | 5.61167    |         |           |
| 641894.56  | 4290226.75 | 5.75285 | 641934.56 |
| 4290226.75 | 5.58543    |         |           |
| 641974.56  | 4290226.75 | 5.17900 | 642014.56 |
| 4290226.75 | 4.65363    |         |           |
| 642054.56  | 4290226.75 | 4.10564 | 642094.56 |
| 4290226.75 | 3.59010    |         |           |
| 642134.56  | 4290226.75 | 3.13130 | 642174.56 |
| 4290226.75 | 2.73289    |         |           |
| 642214.56  | 4290226.75 | 2.38913 | 642254.56 |
| 4290226.75 | 2.09680    |         |           |
| 642294.56  | 4290226.75 | 1.84992 | 642334.56 |
| 4290226.75 | 1.64037    |         |           |
| 642374.56  | 4290226.75 | 1.46042 | 642414.56 |
| 4290226.75 | 1.30668    |         |           |
| 642454.56  | 4290226.75 | 1.17547 | 642494.56 |
| 4290226.75 | 1.06247    |         |           |
| 642534.56  | 4290226.75 | 0.96484 | 642574.56 |
| 4290226.75 | 0.88000    |         |           |
| 642614.56  | 4290226.75 | 0.80701 | 641374.56 |
| 4290266.75 | 2.09724    |         |           |
| 641414.56  | 4290266.75 | 2.34911 | 641454.56 |
| 4290266.75 | 2.62794    |         |           |
| 641494.56  | 4290266.75 | 2.93458 | 641534.56 |
| 4290266.75 | 3.26980    |         |           |
| 641574.56  | 4290266.75 | 3.63613 | 641614.56 |
| 4290266.75 | 4.03153    |         |           |
| 641654.56  | 4290266.75 | 4.44416 | 641694.56 |
| 4290266.75 | 4.86504    |         |           |



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        641734.56    4290266.75          5.33816          641774.56
4290266.75          5.91818
        641814.56    4290266.75          6.53694          641854.56
4290266.75          6.95565
^ *** AERMOD - VERSION 24142 ***      *** C:\Lakes\AERMOD View\Baseline Road Fuel
Station_TOG\Baseline Road Fu ***      08/18/25
*** AERMET - VERSION 19191 ***      ***
***                                     13:19:08

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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*** THE PERIOD ( 43680 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: LOADING ***
INCLUDING SOURCE(S):      STCK1      ,

```

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

```

** CONC OF TOG      IN MICROGRAMS/M**3

**
X-COORD (M)  Y-COORD (M)      CONC      X-COORD (M)
Y-COORD (M)  CONC
- - - - -
- - - - -
        641894.56    4290266.75          6.94817          641934.56
4290266.75          6.51816
        641974.56    4290266.75          5.83974          642014.56
4290266.75          5.09213
        642054.56    4290266.75          4.38331          642094.56
4290266.75          3.76034
        642134.56    4290266.75          3.23046          642174.56
4290266.75          2.78453
        642214.56    4290266.75          2.41030          642254.56
4290266.75          2.09789
        642294.56    4290266.75          1.83945          642334.56
4290266.75          1.62351
        642374.56    4290266.75          1.44068          642414.56
4290266.75          1.28614
        642454.56    4290266.75          1.15601          642494.56
4290266.75          1.04478
        642534.56    4290266.75          0.94915          642574.56
4290266.75          0.86592
        642614.56    4290266.75          0.79436          641374.56
4290306.75          2.28677
        641414.56    4290306.75          2.59667          641454.56
4290306.75          2.94841
        641494.56    4290306.75          3.34903          641534.56
4290306.75          3.80137

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|            |            |          |           |
|------------|------------|----------|-----------|
| 641574.56  | 4290306.75 | 4.30717  | 641614.56 |
| 4290306.75 | 4.85124    |          |           |
| 641654.56  | 4290306.75 | 5.42595  | 641694.56 |
| 4290306.75 | 6.03471    |          |           |
| 641734.56  | 4290306.75 | 6.72180  | 641774.56 |
| 4290306.75 | 7.55506    |          |           |
| 641814.56  | 4290306.75 | 8.38435  | 641854.56 |
| 4290306.75 | 8.75646    |          |           |
| 641894.56  | 4290306.75 | 8.41812  | 641934.56 |
| 4290306.75 | 7.55883    |          |           |
| 641974.56  | 4290306.75 | 6.50969  | 642014.56 |
| 4290306.75 | 5.49685    |          |           |
| 642054.56  | 4290306.75 | 4.61508  | 642094.56 |
| 4290306.75 | 3.88668    |          |           |
| 642134.56  | 4290306.75 | 3.28892  | 642174.56 |
| 4290306.75 | 2.80177    |          |           |
| 642214.56  | 4290306.75 | 2.40479  | 642254.56 |
| 4290306.75 | 2.08040    |          |           |
| 642294.56  | 4290306.75 | 1.81535  | 642334.56 |
| 4290306.75 | 1.59711    |          |           |
| 642374.56  | 4290306.75 | 1.41404  | 642414.56 |
| 4290306.75 | 1.26150    |          |           |
| 642454.56  | 4290306.75 | 1.13426  | 642494.56 |
| 4290306.75 | 1.02591    |          |           |
| 642534.56  | 4290306.75 | 0.93288  | 642574.56 |
| 4290306.75 | 0.85209    |          |           |
| 642614.56  | 4290306.75 | 0.76059  | 641374.56 |
| 4290346.75 | 2.48694    |          |           |
| 641414.56  | 4290346.75 | 2.86305  | 641454.56 |
| 4290346.75 | 3.31258    |          |           |
| 641494.56  | 4290346.75 | 3.84303  | 641534.56 |
| 4290346.75 | 4.45452    |          |           |
| 641574.56  | 4290346.75 | 5.14702  | 641614.56 |
| 4290346.75 | 5.92906    |          |           |
| 641654.56  | 4290346.75 | 6.79285  | 641694.56 |
| 4290346.75 | 7.70925    |          |           |
| 641734.56  | 4290346.75 | 8.74575  | 641774.56 |
| 4290346.75 | 10.01809   |          |           |
| 641814.56  | 4290346.75 | 11.09559 | 641854.56 |
| 4290346.75 | 11.16926   |          |           |
| 641894.56  | 4290346.75 | 10.15497 | 641934.56 |
| 4290346.75 | 8.63804    |          |           |
| 641974.56  | 4290346.75 | 7.13150  | 642014.56 |
| 4290346.75 | 5.83421    |          |           |
| 642054.56  | 4290346.75 | 4.78242  | 642094.56 |
| 4290346.75 | 3.95358    |          |           |
| 642134.56  | 4290346.75 | 3.29718  | 642174.56 |
| 4290346.75 | 2.78194    |          |           |
| 642214.56  | 4290346.75 | 2.37237  | 642254.56 |
| 4290346.75 | 2.04529    |          |           |

|            |            |         |           |
|------------|------------|---------|-----------|
| 642294.56  | 4290346.75 | 1.78080 | 642334.56 |
| 4290346.75 | 1.56465    |         |           |
| 642374.56  | 4290346.75 | 1.38567 | 642414.56 |
| 4290346.75 | 1.23688    |         |           |
| 642454.56  | 4290346.75 | 1.11279 | 642494.56 |
| 4290346.75 | 1.00744    |         |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\*      \*\*\* C:\Lakes\AERMOD View\Baseline Road Fuel  
 Station\_TOG\Baseline Road Fu \*\*\*      08/18/25  
 \*\*\* AERMET - VERSION 19191 \*\*\*      \*\*\*  
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\*\*\* MODELOPTs:      RegDFAULT    CONC    ELEV    URBAN    ADJ\_U\*

\*\*\* THE PERIOD ( 43680 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: LOADING      \*\*\*  
                                  INCLUDING SOURCE(S):      STCK1      ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF TOG      IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC     | X-COORD (M) |
|-------------|-------------|----------|-------------|
| Y-COORD (M) | CONC        |          |             |
| -----       |             |          |             |
| -----       |             |          |             |
| 642534.56   | 4290346.75  | 0.91703  | 642574.56   |
| 4290346.75  | 0.83849     |          |             |
| 642614.56   | 4290346.75  | 0.74052  | 641374.56   |
| 4290386.75  | 2.69188     |          |             |
| 641414.56   | 4290386.75  | 3.14389  | 641454.56   |
| 4290386.75  | 3.70633     |          |             |
| 641494.56   | 4290386.75  | 4.39302  | 641534.56   |
| 4290386.75  | 5.23528     |          |             |
| 641574.56   | 4290386.75  | 6.24926  | 641614.56   |
| 4290386.75  | 7.43023     |          |             |
| 641654.56   | 4290386.75  | 8.77093  | 641694.56   |
| 4290386.75  | 10.22739    |          |             |
| 641734.56   | 4290386.75  | 11.90632 | 641774.56   |
| 4290386.75  | 13.94789    |          |             |
| 641814.56   | 4290386.75  | 15.18770 | 641854.56   |
| 4290386.75  | 14.34365    |          |             |
| 641894.56   | 4290386.75  | 12.08610 | 641934.56   |
| 4290386.75  | 9.65990     |          |             |
| 641974.56   | 4290386.75  | 7.62302  | 642014.56   |
| 4290386.75  | 6.04912     |          |             |
| 642054.56   | 4290386.75  | 4.85400  | 642094.56   |
| 4290386.75  | 3.94979     |          |             |

|            |            |          |           |
|------------|------------|----------|-----------|
| 642134.56  | 4290386.75 | 3.25882  | 642174.56 |
| 4290386.75 | 2.73295    |          |           |
| 642214.56  | 4290386.75 | 2.32321  | 642254.56 |
| 4290386.75 | 2.00007    |          |           |
| 642294.56  | 4290386.75 | 1.74086  | 642334.56 |
| 4290386.75 | 1.52985    |          |           |
| 642374.56  | 4290386.75 | 1.35647  | 642414.56 |
| 4290386.75 | 1.21195    |          |           |
| 642454.56  | 4290386.75 | 1.09192  | 642494.56 |
| 4290386.75 | 0.98980    |          |           |
| 642534.56  | 4290386.75 | 0.90207  | 642574.56 |
| 4290386.75 | 0.82573    |          |           |
| 642614.56  | 4290386.75 | 0.75928  | 641374.56 |
| 4290426.75 | 2.89884    |          |           |
| 641414.56  | 4290426.75 | 3.43379  | 641454.56 |
| 4290426.75 | 4.11935    |          |           |
| 641494.56  | 4290426.75 | 5.00156  | 641534.56 |
| 4290426.75 | 6.18008    |          |           |
| 641574.56  | 4290426.75 | 7.68415  | 641614.56 |
| 4290426.75 | 9.53487    |          |           |
| 641654.56  | 4290426.75 | 11.74790 | 641694.56 |
| 4290426.75 | 14.26299   |          |           |
| 641734.56  | 4290426.75 | 17.29150 | 641774.56 |
| 4290426.75 | 20.76454   |          |           |
| 641814.56  | 4290426.75 | 21.48230 | 641854.56 |
| 4290426.75 | 18.28989   |          |           |
| 641894.56  | 4290426.75 | 14.03392 | 641934.56 |
| 4290426.75 | 10.48741   |          |           |
| 641974.56  | 4290426.75 | 7.91625  | 642014.56 |
| 4290426.75 | 6.10536    |          |           |
| 642054.56  | 4290426.75 | 4.81532  | 642094.56 |
| 4290426.75 | 3.87906    |          |           |
| 642134.56  | 4290426.75 | 3.18608  | 642174.56 |
| 4290426.75 | 2.66549    |          |           |
| 642214.56  | 4290426.75 | 2.26461  | 642254.56 |
| 4290426.75 | 1.95004    |          |           |
| 642294.56  | 4290426.75 | 1.69985  | 642334.56 |
| 4290426.75 | 1.49639    |          |           |
| 642374.56  | 4290426.75 | 1.32899  | 642414.56 |
| 4290426.75 | 1.18926    |          |           |
| 642454.56  | 4290426.75 | 1.07245  | 642494.56 |
| 4290426.75 | 0.97335    |          |           |
| 642534.56  | 4290426.75 | 0.88827  | 642574.56 |
| 4290426.75 | 0.81392    |          |           |
| 642614.56  | 4290426.75 | 0.74947  | 641374.56 |
| 4290466.75 | 3.10877    |          |           |
| 641414.56  | 4290466.75 | 3.72191  | 641454.56 |
| 4290466.75 | 4.53974    |          |           |
| 641494.56  | 4290466.75 | 5.65432  | 641534.56 |
| 4290466.75 | 7.24359    |          |           |

|            |            |          |           |
|------------|------------|----------|-----------|
| 641574.56  | 4290466.75 | 9.46455  | 641614.56 |
| 4290466.75 | 12.50308   |          |           |
| 641654.56  | 4290466.75 | 16.42592 | 641694.56 |
| 4290466.75 | 21.35113   |          |           |
| 641734.56  | 4290466.75 | 27.58220 | 641774.56 |
| 4290466.75 | 33.84489   |          |           |
| 641814.56  | 4290466.75 | 30.98205 | 641854.56 |
| 4290466.75 | 22.59323   |          |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\*    \*\*\* C:\Lakes\AERMOD View\Baseline Road Fuel  
 Station\_TOG\Baseline Road Fu \*\*\*    08/18/25  
 \*\*\* AERMET - VERSION 19191 \*\*\*    \*\*\*  
                                  \*\*\*    13:19:08

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\*\*\* MODELOPTs:    RegDFAULT    CONC    ELEV    URBAN    ADJ\_U\*

\*\*\* THE PERIOD ( 43680 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: LOADING    \*\*\*  
 INCLUDING SOURCE(S):    STCK1    ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF TOG    IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC     | X-COORD (M) |
|-------------|-------------|----------|-------------|
| Y-COORD (M) | CONC        |          |             |
| 641894.56   | 4290466.75  | 15.58431 | 641934.56   |
| 4290466.75  | 10.91341    |          |             |
| 641974.56   | 4290466.75  | 7.93983  | 642014.56   |
| 4290466.75  | 5.99857     |          |             |
| 642054.56   | 4290466.75  | 4.68776  | 642094.56   |
| 4290466.75  | 3.76592     |          |             |
| 642134.56   | 4290466.75  | 3.09364  | 642174.56   |
| 4290466.75  | 2.59045     |          |             |
| 642214.56   | 4290466.75  | 2.20434  | 642254.56   |
| 4290466.75  | 1.90186     |          |             |
| 642294.56   | 4290466.75  | 1.66198  | 642334.56   |
| 4290466.75  | 1.46642     |          |             |
| 642374.56   | 4290466.75  | 1.30467  | 642414.56   |
| 4290466.75  | 1.16936     |          |             |
| 642454.56   | 4290466.75  | 1.05508  | 642494.56   |
| 4290466.75  | 0.95842     |          |             |
| 642534.56   | 4290466.75  | 0.87562  | 642574.56   |
| 4290466.75  | 0.80349     |          |             |
| 642614.56   | 4290466.75  | 0.74082  | 641920.09   |
| 4290522.63  | 12.22264    |          |             |

|            |            |         |           |
|------------|------------|---------|-----------|
| 641960.09  | 4290522.63 | 8.51149 | 642000.09 |
| 4290522.63 | 6.28649    |         |           |
| 642040.09  | 4290522.63 | 4.85395 | 642080.09 |
| 4290522.63 | 3.87480    |         |           |
| 642120.09  | 4290522.63 | 3.17163 | 642160.09 |
| 4290522.63 | 2.65042    |         |           |
| 642200.09  | 4290522.63 | 2.25332 | 642240.09 |
| 4290522.63 | 1.94287    |         |           |
| 642280.09  | 4290522.63 | 1.69554 | 642320.09 |
| 4290522.63 | 1.49490    |         |           |
| 642360.09  | 4290522.63 | 1.32931 | 642400.09 |
| 4290522.63 | 1.19107    |         |           |
| 642440.09  | 4290522.63 | 1.07425 | 642480.09 |
| 4290522.63 | 0.97521    |         |           |
| 642520.09  | 4290522.63 | 0.89012 | 642560.09 |
| 4290522.63 | 0.81644    |         |           |
| 642600.09  | 4290522.63 | 0.75216 | 641920.09 |
| 4290562.63 | 11.63819   |         |           |
| 641960.09  | 4290562.63 | 8.14972 | 642000.09 |
| 4290562.63 | 6.05914    |         |           |
| 642040.09  | 4290562.63 | 4.70311 | 642080.09 |
| 4290562.63 | 3.76965    |         |           |
| 642120.09  | 4290562.63 | 3.09804 | 642160.09 |
| 4290562.63 | 2.59683    |         |           |
| 642200.09  | 4290562.63 | 2.21467 | 642240.09 |
| 4290562.63 | 1.91365    |         |           |
| 642280.09  | 4290562.63 | 1.67272 | 642320.09 |
| 4290562.63 | 1.47666    |         |           |
| 642360.09  | 4290562.63 | 1.31477 | 642400.09 |
| 4290562.63 | 1.17942    |         |           |
| 642440.09  | 4290562.63 | 1.06499 | 642480.09 |
| 4290562.63 | 0.96740    |         |           |
| 642520.09  | 4290562.63 | 0.88339 | 642560.09 |
| 4290562.63 | 0.81040    |         |           |
| 642600.09  | 4290562.63 | 0.74647 | 641920.09 |
| 4290602.63 | 11.12075   |         |           |
| 641960.09  | 4290602.63 | 7.86737 | 642000.09 |
| 4290602.63 | 5.88957    |         |           |
| 642040.09  | 4290602.63 | 4.59303 | 642080.09 |
| 4290602.63 | 3.69440    |         |           |
| 642120.09  | 4290602.63 | 3.04449 | 642160.09 |
| 4290602.63 | 2.55798    |         |           |
| 642200.09  | 4290602.63 | 2.18553 | 642240.09 |
| 4290602.63 | 1.89124    |         |           |
| 642280.09  | 4290602.63 | 1.65510 | 642320.09 |
| 4290602.63 | 1.46268    |         |           |
| 642360.09  | 4290602.63 | 1.30357 | 642400.09 |
| 4290602.63 | 1.17035    |         |           |
| 642440.09  | 4290602.63 | 1.05762 | 642480.09 |
| 4290602.63 | 0.96127    |         |           |

|            |            |         |           |
|------------|------------|---------|-----------|
| 642520.09  | 4290602.63 | 0.87823 | 642560.09 |
| 4290602.63 | 0.80603    |         |           |
| 642600.09  | 4290602.63 | 0.74239 | 641920.09 |
| 4290642.63 | 10.62964   |         |           |
| 641960.09  | 4290642.63 | 7.59889 | 642000.09 |
| 4290642.63 | 5.72833    |         |           |
| 642040.09  | 4290642.63 | 4.48965 | 642080.09 |
| 4290642.63 | 3.62481    |         |           |
| 642120.09  | 4290642.63 | 2.99548 | 642160.09 |
| 4290642.63 | 2.52276    |         |           |

\*\*\* AERMOD - VERSION 24142 \*\*\*      \*\*\* C:\Lakes\AERMOD View\Baseline Road Fuel  
 Station\_TOG\Baseline Road Fu \*\*\*      08/18/25  
 \*\*\* AERMET - VERSION 19191 \*\*\*      \*\*\*  
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\*\*\* MODELOPTs:    RegDFAULT   CONC   ELEV   URBAN   ADJ\_U\*

\*\*\* THE PERIOD ( 43680 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: LOADING      \*\*\*  
                                          INCLUDING SOURCE(S):      STCK1      ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS  
 \*\*\*

|             |             | ** CONC OF TOG | IN MICROGRAMS/M**3 |
|-------------|-------------|----------------|--------------------|
|             |             | **             |                    |
| X-COORD (M) | Y-COORD (M) | CONC           | X-COORD (M)        |
| Y-COORD (M) | CONC        |                |                    |
| -----       |             |                |                    |
| 642200.09   | 4290642.63  | 2.15918        | 642240.09          |
| 4290642.63  | 1.87107     |                |                    |
| 642280.09   | 4290642.63  | 1.63948        | 642320.09          |
| 4290642.63  | 1.45035     |                |                    |
| 642360.09   | 4290642.63  | 1.29371        | 642400.09          |
| 4290642.63  | 1.16238     |                |                    |
| 642440.09   | 4290642.63  | 1.05109        | 642480.09          |
| 4290642.63  | 0.95590     |                |                    |
| 642520.09   | 4290642.63  | 0.87374        | 642560.09          |
| 4290642.63  | 0.80227     |                |                    |
| 642600.09   | 4290642.63  | 0.73938        | 641920.09          |
| 4290682.63  | 9.89210     |                |                    |
| 641960.09   | 4290682.63  | 7.20467        | 642000.09          |
| 4290682.63  | 5.49677     |                |                    |
| 642040.09   | 4290682.63  | 4.34450        | 642080.09          |
| 4290682.63  | 3.52916     |                |                    |
| 642120.09   | 4290682.63  | 2.93005        | 642160.09          |
| 4290682.63  | 2.47685     |                |                    |

|            |            |         |           |
|------------|------------|---------|-----------|
| 642200.09  | 4290682.63 | 2.12584 | 642240.09 |
| 4290682.63 | 1.84623    |         |           |
| 642280.09  | 4290682.63 | 1.62069 | 642320.09 |
| 4290682.63 | 1.43589    |         |           |
| 642360.09  | 4290682.63 | 1.28243 | 642400.09 |
| 4290682.63 | 1.15345    |         |           |
| 642440.09  | 4290682.63 | 1.04394 | 642480.09 |
| 4290682.63 | 0.95009    |         |           |
| 642520.09  | 4290682.63 | 0.86901 | 642560.09 |
| 4290682.63 | 0.79838    |         |           |
| 642600.09  | 4290682.63 | 0.73625 | 641920.09 |
| 4290722.63 | 8.90904    |         |           |
| 641960.09  | 4290722.63 | 6.65865 | 642000.09 |
| 4290722.63 | 5.17157    |         |           |
| 642040.09  | 4290722.63 | 4.13860 | 642080.09 |
| 4290722.63 | 3.39247    |         |           |
| 642120.09  | 4290722.63 | 2.83586 | 642160.09 |
| 4290722.63 | 2.41051    |         |           |
| 642200.09  | 4290722.63 | 2.07782 | 642240.09 |
| 4290722.63 | 1.81084    |         |           |
| 642280.09  | 4290722.63 | 1.59407 | 642320.09 |
| 4290722.63 | 1.41559    |         |           |
| 642360.09  | 4290722.63 | 1.26671 | 642400.09 |
| 4290722.63 | 1.14114    |         |           |
| 642440.09  | 4290722.63 | 1.03421 | 642480.09 |
| 4290722.63 | 0.94232    |         |           |
| 642520.09  | 4290722.63 | 0.86272 | 642560.09 |
| 4290722.63 | 0.79327    |         |           |
| 642600.09  | 4290722.63 | 0.73213 | 641920.09 |
| 4290762.63 | 7.94488    |         |           |
| 641960.09  | 4290762.63 | 6.06155 | 642000.09 |
| 4290762.63 | 4.78742    |         |           |
| 642040.09  | 4290762.63 | 3.88443 | 642080.09 |
| 4290762.63 | 3.21889    |         |           |
| 642120.09  | 4290762.63 | 2.71406 | 642160.09 |
| 4290762.63 | 2.32292    |         |           |
| 642200.09  | 4290762.63 | 2.01323 | 642240.09 |
| 4290762.63 | 1.76256    |         |           |
| 642280.09  | 4290762.63 | 1.55746 | 642320.09 |
| 4290762.63 | 1.38747    |         |           |
| 642360.09  | 4290762.63 | 1.24484 | 642400.09 |
| 4290762.63 | 1.12396    |         |           |
| 642440.09  | 4290762.63 | 1.02055 | 642480.09 |
| 4290762.63 | 0.93134    |         |           |
| 642520.09  | 4290762.63 | 0.85386 | 642560.09 |
| 4290762.63 | 0.78606    |         |           |
| 642600.09  | 4290762.63 | 0.72628 | 641920.09 |
| 4290802.63 | 7.09017    |         |           |
| 641960.09  | 4290802.63 | 5.50660 | 642000.09 |
| 4290802.63 | 4.40993    |         |           |



|            |            |         |           |
|------------|------------|---------|-----------|
| 642040.09  | 4290802.63 | 3.61842 | 642080.09 |
| 4290802.63 | 3.02805    |         |           |
| 642120.09  | 4290802.63 | 2.57480 | 642160.09 |
| 4290802.63 | 2.21972    |         |           |
| 642200.09  | 4290802.63 | 1.93533 | 642240.09 |
| 4290802.63 | 1.70315    |         |           |
| 642280.09  | 4290802.63 | 1.51159 | 642320.09 |
| 4290802.63 | 1.35165    |         |           |
| 642360.09  | 4290802.63 | 1.21658 | 642400.09 |
| 4290802.63 | 1.10147    |         |           |
| 642440.09  | 4290802.63 | 1.00249 | 642480.09 |
| 4290802.63 | 0.91676    |         |           |

\*\*\* AERMOD - VERSION 24142 \*\*\*  
 Station\_TOG\Baseline Road Fu  
 \*\*\* AERMET - VERSION 19191 \*\*\*  
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 \*\*\* C:\Lakes\AERMOD View\Baseline Road Fuel  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43680 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: LOADING  
 INCLUDING SOURCE(S): STCK1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF TOG IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|---------|-------------|
| Y-COORD (M) | CONC        |         |             |
| 642520.09   | 4290802.63  | 0.84199 | 642560.09   |
| 4290802.63  | 0.77633     |         |             |
| 642600.09   | 4290802.63  | 0.71828 | 641920.09   |
| 4290842.63  | 6.35320     |         |             |
| 641960.09   | 4290842.63  | 5.01605 | 642000.09   |
| 4290842.63  | 4.06550     |         |             |
| 642040.09   | 4290842.63  | 3.36907 | 642080.09   |
| 4290842.63  | 2.84165     |         |             |
| 642120.09   | 4290842.63  | 2.43215 | 642160.09   |
| 4290842.63  | 2.11017     |         |             |
| 642200.09   | 4290842.63  | 1.85016 | 642240.09   |
| 4290842.63  | 1.63644     |         |             |
| 642280.09   | 4290842.63  | 1.45891 | 642320.09   |
| 4290842.63  | 1.30969     |         |             |
| 642360.09   | 4290842.63  | 1.18293 | 642400.09   |
| 4290842.63  | 1.07428     |         |             |

|            |            |          |           |
|------------|------------|----------|-----------|
| 642440.09  | 4290842.63 | 0.98039  | 642480.09 |
| 4290842.63 | 0.89868    |          |           |
| 642520.09  | 4290842.63 | 0.82710  | 642560.09 |
| 4290842.63 | 0.76398    |          |           |
| 642600.09  | 4290842.63 | 0.70809  | 641920.09 |
| 4290882.63 | 5.69839    |          |           |
| 641960.09  | 4290882.63 | 4.57402  | 642000.09 |
| 4290882.63 | 3.75504    |          |           |
| 642040.09  | 4290882.63 | 3.14044  | 642080.09 |
| 4290882.63 | 2.66925    |          |           |
| 642120.09  | 4290882.63 | 2.30054  | 642160.09 |
| 4290882.63 | 2.00320    |          |           |
| 642200.09  | 4290882.63 | 1.76414  | 642240.09 |
| 4290882.63 | 1.56707    |          |           |
| 642280.09  | 4290882.63 | 1.40270  | 642320.09 |
| 4290882.63 | 1.26391    |          |           |
| 642360.09  | 4290882.63 | 1.14548  | 642400.09 |
| 4290882.63 | 1.04353    |          |           |
| 642440.09  | 4290882.63 | 0.95502  | 642480.09 |
| 4290882.63 | 0.87764    |          |           |
| 642520.09  | 4290882.63 | 0.80958  | 642560.09 |
| 4290882.63 | 0.74935    |          |           |
| 642600.09  | 4290882.63 | 0.69578  | 641450.64 |
| 4290754.44 | 6.23342    |          |           |
| 641490.64  | 4290754.44 | 8.39303  | 641530.64 |
| 4290754.44 | 11.98376   |          |           |
| 641570.64  | 4290754.44 | 18.16254 | 641610.64 |
| 4290754.44 | 28.76942   |          |           |
| 641650.64  | 4290754.44 | 43.85558 | 641450.64 |
| 4290794.44 | 6.46160    |          |           |
| 641490.64  | 4290794.44 | 8.72214  | 641530.64 |
| 4290794.44 | 12.26082   |          |           |
| 641570.64  | 4290794.44 | 17.68473 | 641610.64 |
| 4290794.44 | 25.13329   |          |           |
| 641650.64  | 4290794.44 | 33.00361 | 641450.64 |
| 4290834.44 | 6.63085    |          |           |
| 641490.64  | 4290834.44 | 8.82742  | 641530.64 |
| 4290834.44 | 11.97552   |          |           |
| 641570.64  | 4290834.44 | 16.19775 | 641610.64 |
| 4290834.44 | 21.05121   |          |           |
| 641650.64  | 4290834.44 | 25.11969 |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\*      \*\*\* C:\Lakes\AERMOD View\Baseline Road Fuel  
 Station\_TOG\Baseline Road Fu \*\*\*      08/18/25  
 \*\*\* AERMET - VERSION 19191 \*\*\*      \*\*\*  
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 \*\*\* MODELOPTs:      RegDFAULT    CONC    ELEV    URBAN    ADJ\_U\*

\*\*\* THE PERIOD ( 43680 HRS) AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: BREATHIN \*\*\*  
INCLUDING SOURCE(S): STCK2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

| **          |             | ** CONC OF TOG | IN MICROGRAMS/M**3 |
|-------------|-------------|----------------|--------------------|
| X-COORD (M) | Y-COORD (M) | CONC           | X-COORD (M)        |
| Y-COORD (M) | CONC        |                |                    |
| 641284.31   | 4290506.68  | 2.28940        | 641324.31          |
| 4290506.68  | 2.67251     |                |                    |
| 641364.31   | 4290506.68  | 3.16700        | 641404.31          |
| 4290506.68  | 3.81671     |                |                    |
| 641284.31   | 4290546.68  | 2.37447        | 641324.31          |
| 4290546.68  | 2.78761     |                |                    |
| 641364.31   | 4290546.68  | 3.33132        | 641404.31          |
| 4290546.68  | 4.06145     |                |                    |
| 641284.31   | 4290586.68  | 2.44068        | 641324.31          |
| 4290586.68  | 2.87753     |                |                    |
| 641364.31   | 4290586.68  | 3.45492        | 641404.31          |
| 4290586.68  | 4.23579     |                |                    |
| 641284.31   | 4290626.68  | 2.49164        | 641324.31          |
| 4290626.68  | 2.93781     |                |                    |
| 641364.31   | 4290626.68  | 3.53327        | 641404.31          |
| 4290626.68  | 4.33574     |                |                    |
| 641284.31   | 4290666.68  | 2.53213        | 641324.31          |
| 4290666.68  | 2.99039     |                |                    |
| 641364.31   | 4290666.68  | 3.60815        | 641404.31          |
| 4290666.68  | 4.42863     |                |                    |
| 641284.31   | 4290706.68  | 2.56683        | 641324.31          |
| 4290706.68  | 3.03736     |                |                    |
| 641364.31   | 4290706.68  | 3.67455        | 641404.31          |
| 4290706.68  | 4.52993     |                |                    |
| 641284.31   | 4290746.68  | 2.60332        | 641324.31          |
| 4290746.68  | 3.08281     |                |                    |
| 641364.31   | 4290746.68  | 3.73816        | 641404.31          |
| 4290746.68  | 4.64072     |                |                    |
| 641284.31   | 4290786.68  | 2.64373        | 641324.31          |
| 4290786.68  | 3.13798     |                |                    |
| 641364.31   | 4290786.68  | 3.81491        | 641404.31          |
| 4290786.68  | 4.76910     |                |                    |
| 641284.31   | 4290826.68  | 2.69116        | 641324.31          |
| 4290826.68  | 3.20719     |                |                    |
| 641364.31   | 4290826.68  | 3.90702        | 641404.31          |
| 4290826.68  | 4.90565     |                |                    |

|            |            |          |           |
|------------|------------|----------|-----------|
| 641284.31  | 4290866.68 | 2.74429  | 641324.31 |
| 4290866.68 | 3.28258    |          |           |
| 641364.31  | 4290866.68 | 4.00723  | 641404.31 |
| 4290866.68 | 5.02404    |          |           |
| 641268.28  | 4290889.76 | 2.59499  | 641308.28 |
| 4290889.76 | 3.08852    |          |           |
| 641348.28  | 4290889.76 | 3.73759  | 641388.28 |
| 4290889.76 | 4.62365    |          |           |
| 641428.28  | 4290889.76 | 5.83374  | 641468.28 |
| 4290889.76 | 7.45582    |          |           |
| 641508.28  | 4290889.76 | 9.56614  | 641548.28 |
| 4290889.76 | 12.10804   |          |           |
| 641588.28  | 4290889.76 | 14.79248 | 641628.28 |
| 4290889.76 | 17.04593   |          |           |
| 642188.28  | 4290889.76 | 1.81393  | 642228.28 |
| 4290889.76 | 1.60819    |          |           |
| 642268.28  | 4290889.76 | 1.43734  | 642308.28 |
| 4290889.76 | 1.29347    |          |           |
| 642348.28  | 4290889.76 | 1.17105  | 642388.28 |
| 4290889.76 | 1.06589    |          |           |
| 642428.28  | 4290889.76 | 0.97477  | 641268.28 |
| 4290929.76 | 2.64620    |          |           |
| 641308.28  | 4290929.76 | 3.15182  | 641348.28 |
| 4290929.76 | 3.80588    |          |           |
| 641388.28  | 4290929.76 | 4.67075  | 641428.28 |
| 4290929.76 | 5.80000    |          |           |
| 641468.28  | 4290929.76 | 7.22456  | 641508.28 |
| 4290929.76 | 8.93401    |          |           |
| 641548.28  | 4290929.76 | 10.80445 | 641588.28 |
| 4290929.76 | 12.57330   |          |           |
| 641628.28  | 4290929.76 | 13.87540 | 642188.28 |
| 4290929.76 | 1.72622    |          |           |
| 642228.28  | 4290929.76 | 1.53523  | 642268.28 |
| 4290929.76 | 1.37683    |          |           |
| 642308.28  | 4290929.76 | 1.24292  | 642348.28 |
| 4290929.76 | 1.12860    |          |           |
| 642388.28  | 4290929.76 | 1.03027  | 642428.28 |
| 4290929.76 | 0.94499    |          |           |
| 641268.28  | 4290969.76 | 2.69342  | 641308.28 |
| 4290969.76 | 3.19910    |          |           |
| 641348.28  | 4290969.76 | 3.84064  | 641388.28 |
| 4290969.76 | 4.65583    |          |           |
| 641428.28  | 4290969.76 | 5.66790  | 641468.28 |
| 4290969.76 | 6.86908    |          |           |

\*\*\* AERMOD - VERSION 24142 \*\*\*  
 Station\_TOG\Baseline Road Fuel  
 \*\*\* AERMET - VERSION 19191 \*\*\*

\*\*\* C:\Lakes\AERMOD View\Baseline Road Fuel  
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 13:19:08

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43680 HRS) AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: BREATHIN \*\*\*

INCLUDING SOURCE(S): STCK2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF TOG IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC     | X-COORD (M) |
|-------------|-------------|----------|-------------|
| Y-COORD (M) | CONC        |          |             |
| 641508.28   | 4290969.76  | 8.20678  | 641548.28   |
| 4290969.76  | 9.55174     |          |             |
| 641588.28   | 4290969.76  | 10.71013 | 641628.28   |
| 4290969.76  | 11.46073    |          |             |
| 641668.28   | 4290969.76  | 11.62246 | 641708.28   |
| 4290969.76  | 11.11759    |          |             |
| 641748.28   | 4290969.76  | 10.03442 | 641788.28   |
| 4290969.76  | 8.61919     |          |             |
| 641828.28   | 4290969.76  | 7.16459  | 641868.28   |
| 4290969.76  | 5.87586     |          |             |
| 641908.28   | 4290969.76  | 4.81742  | 641948.28   |
| 4290969.76  | 3.98276     |          |             |
| 642188.28   | 4290969.76  | 1.64448  | 642228.28   |
| 4290969.76  | 1.46728     |          |             |
| 642268.28   | 4290969.76  | 1.31999  | 642308.28   |
| 4290969.76  | 1.19486     |          |             |
| 642348.28   | 4290969.76  | 1.08735  | 642388.28   |
| 4290969.76  | 0.99454     |          |             |
| 642428.28   | 4290969.76  | 0.91420  | 641268.28   |
| 4291009.76  | 2.72894     |          |             |
| 641308.28   | 4291009.76  | 3.22334  | 641348.28   |
| 4291009.76  | 3.83576     |          |             |
| 641388.28   | 4291009.76  | 4.57874  | 641428.28   |
| 4291009.76  | 5.45558     |          |             |
| 641468.28   | 4291009.76  | 6.43803  | 641508.28   |
| 4291009.76  | 7.46145     |          |             |
| 641548.28   | 4291009.76  | 8.41707  | 641588.28   |
| 4291009.76  | 9.17264     |          |             |
| 641628.28   | 4291009.76  | 9.60045  | 641668.28   |
| 4291009.76  | 9.60768     |          |             |
| 641708.28   | 4291009.76  | 9.16710  | 641748.28   |
| 4291009.76  | 8.34632     |          |             |
| 641788.28   | 4291009.76  | 7.29916  | 641828.28   |
| 4291009.76  | 6.19945     |          |             |

|            |            |         |           |
|------------|------------|---------|-----------|
| 641868.28  | 4291009.76 | 5.19235 | 641908.28 |
| 4291009.76 | 4.33576    |         |           |
| 641948.28  | 4291009.76 | 3.63867 | 642188.28 |
| 4291009.76 | 1.56942    |         |           |
| 642228.28  | 4291009.76 | 1.40536 | 642268.28 |
| 4291009.76 | 1.26742    |         |           |
| 642308.28  | 4291009.76 | 1.14966 | 642348.28 |
| 4291009.76 | 1.04821    |         |           |
| 642388.28  | 4291009.76 | 0.96063 | 642428.28 |
| 4291009.76 | 0.88458    |         |           |
| 641268.28  | 4291049.76 | 2.74662 | 641308.28 |
| 4291049.76 | 3.21842    |         |           |
| 641348.28  | 4291049.76 | 3.78652 | 641388.28 |
| 4291049.76 | 4.44812    |         |           |
| 641428.28  | 4291049.76 | 5.18719 | 641468.28 |
| 4291049.76 | 5.97365    |         |           |
| 641508.28  | 4291049.76 | 6.74512 | 641548.28 |
| 4291049.76 | 7.41977    |         |           |
| 641588.28  | 4291049.76 | 7.91161 | 641628.28 |
| 4291049.76 | 8.14722    |         |           |
| 641668.28  | 4291049.76 | 8.07912 | 641708.28 |
| 4291049.76 | 7.70085    |         |           |
| 641748.28  | 4291049.76 | 7.06211 | 641788.28 |
| 4291049.76 | 6.26295    |         |           |
| 641828.28  | 4291049.76 | 5.41434 | 641868.28 |
| 4291049.76 | 4.61858    |         |           |
| 641908.28  | 4291049.76 | 3.91966 | 641948.28 |
| 4291049.76 | 3.33427    |         |           |
| 642188.28  | 4291049.76 | 1.49741 | 642228.28 |
| 4291049.76 | 1.34647    |         |           |
| 642268.28  | 4291049.76 | 1.21751 | 642308.28 |
| 4291049.76 | 1.10698    |         |           |
| 642348.28  | 4291049.76 | 1.01139 | 642388.28 |
| 4291049.76 | 0.92861    |         |           |
| 642428.28  | 4291049.76 | 0.85650 | 641268.28 |
| 4291089.76 | 2.74449    |         |           |
| 641308.28  | 4291089.76 | 3.18566 | 641348.28 |
| 4291089.76 | 3.70008    |         |           |
| 641388.28  | 4291089.76 | 4.27495 | 641428.28 |
| 4291089.76 | 4.88571    |         |           |
| 641468.28  | 4291089.76 | 5.50591 | 641508.28 |
| 4291089.76 | 6.08292    |         |           |
| 641548.28  | 4291089.76 | 6.55729 | 641588.28 |
| 4291089.76 | 6.87555    |         |           |
| 641628.28  | 4291089.76 | 6.99556 | 641668.28 |
| 4291089.76 | 6.89272    |         |           |

\*\*\* AERMOD - VERSION 24142 \*\*\*  
 Station\_TOG\Baseline Road Fu \*\*\*  
 \*\*\* AERMET - VERSION 19191 \*\*\*  
 \*\*\*

\*\*\* C:\Lakes\AERMOD View\Baseline Road Fuel  
 08/18/25

\*\*\*  
 13:19:08

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43680 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: BREATHIN \*\*\*

INCLUDING SOURCE(S): STCK2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF TOG IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) |
|-------------|-------------|------|-------------|
| Y-COORD (M) | CONC        |      |             |

|            |            |         |           |
|------------|------------|---------|-----------|
| 641708.28  | 4291089.76 | 6.56894 | 641748.28 |
| 4291089.76 | 6.06107    |         |           |
| 641788.28  | 4291089.76 | 5.43670 | 641828.28 |
| 4291089.76 | 4.76979    |         |           |
| 641868.28  | 4291089.76 | 4.13182 | 641908.28 |
| 4291089.76 | 3.55711    |         |           |
| 641948.28  | 4291089.76 | 3.06355 | 641988.28 |
| 4291089.76 | 2.65071    |         |           |
| 642028.28  | 4291089.76 | 2.30640 | 642068.28 |
| 4291089.76 | 2.02269    |         |           |
| 642108.28  | 4291089.76 | 1.79122 | 642148.28 |
| 4291089.76 | 1.59319    |         |           |
| 641268.28  | 4291129.76 | 2.72169 | 641308.28 |
| 4291129.76 | 3.12638    |         |           |
| 641348.28  | 4291129.76 | 3.58329 | 641388.28 |
| 4291129.76 | 4.07381    |         |           |
| 641428.28  | 4291129.76 | 4.57098 | 641468.28 |
| 4291129.76 | 5.05424    |         |           |
| 641508.28  | 4291129.76 | 5.48318 | 641548.28 |
| 4291129.76 | 5.81614    |         |           |
| 641588.28  | 4291129.76 | 6.01952 | 641628.28 |
| 4291129.76 | 6.06921    |         |           |
| 641668.28  | 4291129.76 | 5.95295 | 641708.28 |
| 4291129.76 | 5.67550    |         |           |
| 641748.28  | 4291129.76 | 5.26425 | 641788.28 |
| 4291129.76 | 4.76642    |         |           |
| 641828.28  | 4291129.76 | 4.23376 | 641868.28 |
| 4291129.76 | 3.71611    |         |           |
| 641908.28  | 4291129.76 | 3.23993 | 641948.28 |
| 4291129.76 | 2.82164    |         |           |
| 641988.28  | 4291129.76 | 2.46296 | 642028.28 |
| 4291129.76 | 2.16044    |         |           |

|            |            |         |           |
|------------|------------|---------|-----------|
| 642068.28  | 4291129.76 | 1.90721 | 642108.28 |
| 4291129.76 | 1.69501    |         |           |
| 642148.28  | 4291129.76 | 1.51575 | 641374.56 |
| 4290226.75 | 1.92033    |         |           |
| 641414.56  | 4290226.75 | 2.12376 | 641454.56 |
| 4290226.75 | 2.34671    |         |           |
| 641494.56  | 4290226.75 | 2.58650 | 641534.56 |
| 4290226.75 | 2.84245    |         |           |
| 641574.56  | 4290226.75 | 3.11488 | 641614.56 |
| 4290226.75 | 3.40054    |         |           |
| 641654.56  | 4290226.75 | 3.70084 | 641694.56 |
| 4290226.75 | 4.01415    |         |           |
| 641734.56  | 4290226.75 | 4.35319 | 641774.56 |
| 4290226.75 | 4.76377    |         |           |
| 641814.56  | 4290226.75 | 5.22735 | 641854.56 |
| 4290226.75 | 5.61167    |         |           |
| 641894.56  | 4290226.75 | 5.75263 | 641934.56 |
| 4290226.75 | 5.58501    |         |           |
| 641974.56  | 4290226.75 | 5.17847 | 642014.56 |
| 4290226.75 | 4.65309    |         |           |
| 642054.56  | 4290226.75 | 4.10514 | 642094.56 |
| 4290226.75 | 3.58966    |         |           |
| 642134.56  | 4290226.75 | 3.13093 | 642174.56 |
| 4290226.75 | 2.73257    |         |           |
| 642214.56  | 4290226.75 | 2.38886 | 642254.56 |
| 4290226.75 | 2.09658    |         |           |
| 642294.56  | 4290226.75 | 1.84973 | 642334.56 |
| 4290226.75 | 1.64021    |         |           |
| 642374.56  | 4290226.75 | 1.46029 | 642414.56 |
| 4290226.75 | 1.30657    |         |           |
| 642454.56  | 4290226.75 | 1.17537 | 642494.56 |
| 4290226.75 | 1.06239    |         |           |
| 642534.56  | 4290226.75 | 0.96477 | 642574.56 |
| 4290226.75 | 0.87994    |         |           |
| 642614.56  | 4290226.75 | 0.80696 | 641374.56 |
| 4290266.75 | 2.09740    |         |           |
| 641414.56  | 4290266.75 | 2.34928 | 641454.56 |
| 4290266.75 | 2.62812    |         |           |
| 641494.56  | 4290266.75 | 2.93477 | 641534.56 |
| 4290266.75 | 3.26999    |         |           |
| 641574.56  | 4290266.75 | 3.63633 | 641614.56 |
| 4290266.75 | 4.03172    |         |           |
| 641654.56  | 4290266.75 | 4.44433 | 641694.56 |
| 4290266.75 | 4.86521    |         |           |
| 641734.56  | 4290266.75 | 5.33836 | 641774.56 |
| 4290266.75 | 5.91843    |         |           |
| 641814.56  | 4290266.75 | 6.53711 | 641854.56 |
| 4290266.75 | 6.95553    |         |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\*  
 Station\_TOG\Baseline Road Fu \*\*\*

\*\*\* C:\Lakes\AERMOD View\Baseline Road Fuel  
 08/18/25



\*\*\* AERMET - VERSION 19191 \*\*\*  
 \*\*\* 13:19:08

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43680 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: BREATHIN \*\*\*  
 INCLUDING SOURCE(S): STCK2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF TOG IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|---------|-------------|
| Y-COORD (M) | CONC        |         |             |
| 641894.56   | 4290266.75  | 6.94771 | 641934.56   |
| 4290266.75  | 6.51748     |         |             |
| 641974.56   | 4290266.75  | 5.83900 | 642014.56   |
| 4290266.75  | 5.09143     |         |             |
| 642054.56   | 4290266.75  | 4.38271 | 642094.56   |
| 4290266.75  | 3.75984     |         |             |
| 642134.56   | 4290266.75  | 3.23004 | 642174.56   |
| 4290266.75  | 2.78419     |         |             |
| 642214.56   | 4290266.75  | 2.41002 | 642254.56   |
| 4290266.75  | 2.09766     |         |             |
| 642294.56   | 4290266.75  | 1.83926 | 642334.56   |
| 4290266.75  | 1.62335     |         |             |
| 642374.56   | 4290266.75  | 1.44054 | 642414.56   |
| 4290266.75  | 1.28602     |         |             |
| 642454.56   | 4290266.75  | 1.15592 | 642494.56   |
| 4290266.75  | 1.04470     |         |             |
| 642534.56   | 4290266.75  | 0.94908 | 642574.56   |
| 4290266.75  | 0.86586     |         |             |
| 642614.56   | 4290266.75  | 0.79431 | 641374.56   |
| 4290306.75  | 2.28696     |         |             |
| 641414.56   | 4290306.75  | 2.59689 | 641454.56   |
| 4290306.75  | 2.94865     |         |             |
| 641494.56   | 4290306.75  | 3.34929 | 641534.56   |
| 4290306.75  | 3.80165     |         |             |
| 641574.56   | 4290306.75  | 4.30745 | 641614.56   |
| 4290306.75  | 4.85152     |         |             |
| 641654.56   | 4290306.75  | 5.42621 | 641694.56   |
| 4290306.75  | 6.03495     |         |             |
| 641734.56   | 4290306.75  | 6.72209 | 641774.56   |
| 4290306.75  | 7.55541     |         |             |

|            |            |          |           |
|------------|------------|----------|-----------|
| 641814.56  | 4290306.75 | 8.38447  | 641854.56 |
| 4290306.75 | 8.75605    |          |           |
| 641894.56  | 4290306.75 | 8.41726  | 641934.56 |
| 4290306.75 | 7.55779    |          |           |
| 641974.56  | 4290306.75 | 6.50869  | 642014.56 |
| 4290306.75 | 5.49600    |          |           |
| 642054.56  | 4290306.75 | 4.61438  | 642094.56 |
| 4290306.75 | 3.88612    |          |           |
| 642134.56  | 4290306.75 | 3.28847  | 642174.56 |
| 4290306.75 | 2.80141    |          |           |
| 642214.56  | 4290306.75 | 2.40450  | 642254.56 |
| 4290306.75 | 2.08016    |          |           |
| 642294.56  | 4290306.75 | 1.81516  | 642334.56 |
| 4290306.75 | 1.59695    |          |           |
| 642374.56  | 4290306.75 | 1.41391  | 642414.56 |
| 4290306.75 | 1.26139    |          |           |
| 642454.56  | 4290306.75 | 1.13416  | 642494.56 |
| 4290306.75 | 1.02583    |          |           |
| 642534.56  | 4290306.75 | 0.93281  | 642574.56 |
| 4290306.75 | 0.85203    |          |           |
| 642614.56  | 4290306.75 | 0.76054  | 641374.56 |
| 4290346.75 | 2.48718    |          |           |
| 641414.56  | 4290346.75 | 2.86333  | 641454.56 |
| 4290346.75 | 3.31291    |          |           |
| 641494.56  | 4290346.75 | 3.84339  | 641534.56 |
| 4290346.75 | 4.45492    |          |           |
| 641574.56  | 4290346.75 | 5.14744  | 641614.56 |
| 4290346.75 | 5.92949    |          |           |
| 641654.56  | 4290346.75 | 6.79326  | 641694.56 |
| 4290346.75 | 7.70963    |          |           |
| 641734.56  | 4290346.75 | 8.74622  | 641774.56 |
| 4290346.75 | 10.01858   |          |           |
| 641814.56  | 4290346.75 | 11.09550 | 641854.56 |
| 4290346.75 | 11.16826   |          |           |
| 641894.56  | 4290346.75 | 10.15346 | 641934.56 |
| 4290346.75 | 8.63654    |          |           |
| 641974.56  | 4290346.75 | 7.13021  | 642014.56 |
| 4290346.75 | 5.83319    |          |           |
| 642054.56  | 4290346.75 | 4.78163  | 642094.56 |
| 4290346.75 | 3.95296    |          |           |
| 642134.56  | 4290346.75 | 3.29670  | 642174.56 |
| 4290346.75 | 2.78157    |          |           |
| 642214.56  | 4290346.75 | 2.37208  | 642254.56 |
| 4290346.75 | 2.04506    |          |           |
| 642294.56  | 4290346.75 | 1.78061  | 642334.56 |
| 4290346.75 | 1.56449    |          |           |
| 642374.56  | 4290346.75 | 1.38555  | 642414.56 |
| 4290346.75 | 1.23677    |          |           |
| 642454.56  | 4290346.75 | 1.11270  | 642494.56 |
| 4290346.75 | 1.00736    |          |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\*      \*\*\* C:\Lakes\AERMOD View\Baseline Road Fuel  
 Station\_TOG\Baseline Road Fu \*\*\*      08/18/25  
 \*\*\* AERMET - VERSION 19191 \*\*\*      \*\*\*  
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\*\*\* MODELOPTs:      RegDFAULT    CONC    ELEV    URBAN    ADJ\_U\*

\*\*\* THE PERIOD ( 43680 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: BREATHIN \*\*\*  
 INCLUDING SOURCE(S):      STCK2      ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

|             |             | ** CONC OF TOG | IN MICROGRAMS/M**3 |
|-------------|-------------|----------------|--------------------|
| **          |             |                |                    |
| X-COORD (M) | Y-COORD (M) | CONC           | X-COORD (M)        |
| Y-COORD (M) | CONC        |                |                    |
| -----       |             |                |                    |
| -----       |             |                |                    |
| 642534.56   | 4290346.75  | 0.91697        | 642574.56          |
| 4290346.75  | 0.83844     |                |                    |
| 642614.56   | 4290346.75  | 0.74048        | 641374.56          |
| 4290386.75  | 2.69217     |                |                    |
| 641414.56   | 4290386.75  | 3.14425        | 641454.56          |
| 4290386.75  | 3.70677     |                |                    |
| 641494.56   | 4290386.75  | 4.39354        | 641534.56          |
| 4290386.75  | 5.23586     |                |                    |
| 641574.56   | 4290386.75  | 6.24991        | 641614.56          |
| 4290386.75  | 7.43092     |                |                    |
| 641654.56   | 4290386.75  | 8.77161        | 641694.56          |
| 4290386.75  | 10.22804    |                |                    |
| 641734.56   | 4290386.75  | 11.90712       | 641774.56          |
| 4290386.75  | 13.94852    |                |                    |
| 641814.56   | 4290386.75  | 15.18691       | 641854.56          |
| 4290386.75  | 14.34148    |                |                    |
| 641894.56   | 4290386.75  | 12.08365       | 641934.56          |
| 4290386.75  | 9.65784     |                |                    |
| 641974.56   | 4290386.75  | 7.62145        | 642014.56          |
| 4290386.75  | 6.04796     |                |                    |
| 642054.56   | 4290386.75  | 4.85314        | 642094.56          |
| 4290386.75  | 3.94915     |                |                    |
| 642134.56   | 4290386.75  | 3.25834        | 642174.56          |
| 4290386.75  | 2.73258     |                |                    |
| 642214.56   | 4290386.75  | 2.32292        | 642254.56          |
| 4290386.75  | 1.99984     |                |                    |
| 642294.56   | 4290386.75  | 1.74067        | 642334.56          |
| 4290386.75  | 1.52970     |                |                    |

|            |            |          |           |
|------------|------------|----------|-----------|
| 642374.56  | 4290386.75 | 1.35635  | 642414.56 |
| 4290386.75 | 1.21185    |          |           |
| 642454.56  | 4290386.75 | 1.09183  | 642494.56 |
| 4290386.75 | 0.98973    |          |           |
| 642534.56  | 4290386.75 | 0.90200  | 642574.56 |
| 4290386.75 | 0.82567    |          |           |
| 642614.56  | 4290386.75 | 0.75923  | 641374.56 |
| 4290426.75 | 2.89919    |          |           |
| 641414.56  | 4290426.75 | 3.43423  | 641454.56 |
| 4290426.75 | 4.11991    |          |           |
| 641494.56  | 4290426.75 | 5.00228  | 641534.56 |
| 4290426.75 | 6.18096    |          |           |
| 641574.56  | 4290426.75 | 7.68520  | 641614.56 |
| 4290426.75 | 9.53606    |          |           |
| 641654.56  | 4290426.75 | 11.74913 | 641694.56 |
| 4290426.75 | 14.26418   |          |           |
| 641734.56  | 4290426.75 | 17.29298 | 641774.56 |
| 4290426.75 | 20.76508   |          |           |
| 641814.56  | 4290426.75 | 21.47946 | 641854.56 |
| 4290426.75 | 18.28559   |          |           |
| 641894.56  | 4290426.75 | 14.03026 | 641934.56 |
| 4290426.75 | 10.48479   |          |           |
| 641974.56  | 4290426.75 | 7.91444  | 642014.56 |
| 4290426.75 | 6.10410    |          |           |
| 642054.56  | 4290426.75 | 4.81443  | 642094.56 |
| 4290426.75 | 3.87842    |          |           |
| 642134.56  | 4290426.75 | 3.18561  | 642174.56 |
| 4290426.75 | 2.66513    |          |           |
| 642214.56  | 4290426.75 | 2.26433  | 642254.56 |
| 4290426.75 | 1.94982    |          |           |
| 642294.56  | 4290426.75 | 1.69967  | 642334.56 |
| 4290426.75 | 1.49625    |          |           |
| 642374.56  | 4290426.75 | 1.32887  | 642414.56 |
| 4290426.75 | 1.18916    |          |           |
| 642454.56  | 4290426.75 | 1.07237  | 642494.56 |
| 4290426.75 | 0.97328    |          |           |
| 642534.56  | 4290426.75 | 0.88820  | 642574.56 |
| 4290426.75 | 0.81387    |          |           |
| 642614.56  | 4290426.75 | 0.74942  | 641374.56 |
| 4290466.75 | 3.10917    |          |           |
| 641414.56  | 4290466.75 | 3.72243  | 641454.56 |
| 4290466.75 | 4.54044    |          |           |
| 641494.56  | 4290466.75 | 5.65527  | 641534.56 |
| 4290466.75 | 7.24490    |          |           |
| 641574.56  | 4290466.75 | 9.46631  | 641614.56 |
| 4290466.75 | 12.50528   |          |           |
| 641654.56  | 4290466.75 | 16.42840 | 641694.56 |
| 4290466.75 | 21.35366   |          |           |
| 641734.56  | 4290466.75 | 27.58532 | 641774.56 |
| 4290466.75 | 33.84353   |          |           |

641814.56 4290466.75 30.97376 641854.56  
 4290466.75 22.58567  
 \*\*\* AERMOD - VERSION 24142 \*\*\* \*\*\* C:\Lakes\AERMOD View\Baseline Road Fuel  
 Station\_TOG\Baseline Road Fu \*\*\* 08/18/25  
 \*\*\* AERMET - VERSION 19191 \*\*\* \*\*\*  
 \*\*\* 13:19:08

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 \*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*  
 \*\*\* THE PERIOD ( 43680 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: BREATHIN \*\*\*  
 INCLUDING SOURCE(S): STCK2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS  
 \*\*\*

| ** CONC OF TOG |             | IN MICROGRAMS/M**3 |             |
|----------------|-------------|--------------------|-------------|
| **             |             |                    |             |
| X-COORD (M)    | Y-COORD (M) | CONC               | X-COORD (M) |
| Y-COORD (M)    | CONC        |                    |             |
| -----          |             |                    |             |
| 641894.56      | 4290466.75  | 15.57937           | 641934.56   |
| 4290466.75     | 10.91036    |                    |             |
| 641974.56      | 4290466.75  | 7.93790            | 642014.56   |
| 4290466.75     | 5.99730     |                    |             |
| 642054.56      | 4290466.75  | 4.68689            | 642094.56   |
| 4290466.75     | 3.76529     |                    |             |
| 642134.56      | 4290466.75  | 3.09318            | 642174.56   |
| 4290466.75     | 2.59010     |                    |             |
| 642214.56      | 4290466.75  | 2.20407            | 642254.56   |
| 4290466.75     | 1.90165     |                    |             |
| 642294.56      | 4290466.75  | 1.66181            | 642334.56   |
| 4290466.75     | 1.46628     |                    |             |
| 642374.56      | 4290466.75  | 1.30455            | 642414.56   |
| 4290466.75     | 1.16926     |                    |             |
| 642454.56      | 4290466.75  | 1.05499            | 642494.56   |
| 4290466.75     | 0.95835     |                    |             |
| 642534.56      | 4290466.75  | 0.87556            | 642574.56   |
| 4290466.75     | 0.80343     |                    |             |
| 642614.56      | 4290466.75  | 0.74078            | 641920.09   |
| 4290522.63     | 12.21875    |                    |             |
| 641960.09      | 4290522.63  | 8.50926            | 642000.09   |
| 4290522.63     | 6.28509     |                    |             |
| 642040.09      | 4290522.63  | 4.85302            | 642080.09   |
| 4290522.63     | 3.87415     |                    |             |
| 642120.09      | 4290522.63  | 3.17115            | 642160.09   |
| 4290522.63     | 2.65006     |                    |             |

|            |            |         |           |
|------------|------------|---------|-----------|
| 642200.09  | 4290522.63 | 2.25304 | 642240.09 |
| 4290522.63 | 1.94265    |         |           |
| 642280.09  | 4290522.63 | 1.69536 | 642320.09 |
| 4290522.63 | 1.49475    |         |           |
| 642360.09  | 4290522.63 | 1.32919 | 642400.09 |
| 4290522.63 | 1.19097    |         |           |
| 642440.09  | 4290522.63 | 1.07417 | 642480.09 |
| 4290522.63 | 0.97514    |         |           |
| 642520.09  | 4290522.63 | 0.89005 | 642560.09 |
| 4290522.63 | 0.81639    |         |           |
| 642600.09  | 4290522.63 | 0.75211 | 641920.09 |
| 4290562.63 | 11.63454   |         |           |
| 641960.09  | 4290562.63 | 8.14762 | 642000.09 |
| 4290562.63 | 6.05782    |         |           |
| 642040.09  | 4290562.63 | 4.70222 | 642080.09 |
| 4290562.63 | 3.76902    |         |           |
| 642120.09  | 4290562.63 | 3.09758 | 642160.09 |
| 4290562.63 | 2.59648    |         |           |
| 642200.09  | 4290562.63 | 2.21439 | 642240.09 |
| 4290562.63 | 1.91344    |         |           |
| 642280.09  | 4290562.63 | 1.67255 | 642320.09 |
| 4290562.63 | 1.47652    |         |           |
| 642360.09  | 4290562.63 | 1.31465 | 642400.09 |
| 4290562.63 | 1.17932    |         |           |
| 642440.09  | 4290562.63 | 1.06490 | 642480.09 |
| 4290562.63 | 0.96733    |         |           |
| 642520.09  | 4290562.63 | 0.88332 | 642560.09 |
| 4290562.63 | 0.81034    |         |           |
| 642600.09  | 4290562.63 | 0.74642 | 641920.09 |
| 4290602.63 | 11.11734   |         |           |
| 641960.09  | 4290602.63 | 7.86539 | 642000.09 |
| 4290602.63 | 5.88831    |         |           |
| 642040.09  | 4290602.63 | 4.59217 | 642080.09 |
| 4290602.63 | 3.69379    |         |           |
| 642120.09  | 4290602.63 | 3.04404 | 642160.09 |
| 4290602.63 | 2.55764    |         |           |
| 642200.09  | 4290602.63 | 2.18526 | 642240.09 |
| 4290602.63 | 1.89103    |         |           |
| 642280.09  | 4290602.63 | 1.65493 | 642320.09 |
| 4290602.63 | 1.46254    |         |           |
| 642360.09  | 4290602.63 | 1.30345 | 642400.09 |
| 4290602.63 | 1.17025    |         |           |
| 642440.09  | 4290602.63 | 1.05753 | 642480.09 |
| 4290602.63 | 0.96120    |         |           |
| 642520.09  | 4290602.63 | 0.87816 | 642560.09 |
| 4290602.63 | 0.80598    |         |           |
| 642600.09  | 4290602.63 | 0.74234 | 641920.09 |
| 4290642.63 | 10.62653   |         |           |
| 641960.09  | 4290642.63 | 7.59704 | 642000.09 |
| 4290642.63 | 5.72714    |         |           |

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        642040.09    4290642.63          4.48884          642080.09
4290642.63          3.62422
        642120.09    4290642.63          2.99504          642160.09
4290642.63          2.52242
^ *** AERMOD - VERSION 24142 ***      *** C:\Lakes\AERMOD View\Baseline Road Fuel
Station_TOG\Baseline Road Fu ***      08/18/25
*** AERMET - VERSION 19191 ***      ***
***                                     13:19:08

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43680 HRS) AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: BREATHIN \*\*\*  
INCLUDING SOURCE(S): STCK2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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** CONC OF TOG      IN MICROGRAMS/M**3

**
X-COORD (M)  Y-COORD (M)      CONC      X-COORD (M)
Y-COORD (M)  CONC
- - - - -
- - - - -
        642200.09    4290642.63      2.15892      642240.09
4290642.63      1.87086
        642280.09    4290642.63      1.63931      642320.09
4290642.63      1.45021
        642360.09    4290642.63      1.29359      642400.09
4290642.63      1.16228
        642440.09    4290642.63      1.05101      642480.09
4290642.63      0.95583
        642520.09    4290642.63      0.87368      642560.09
4290642.63      0.80221
        642600.09    4290642.63      0.73933      641920.09
4290682.63      9.88948
        641960.09    4290682.63      7.20305      642000.09
4290682.63      5.49569
        642040.09    4290682.63      4.34375      642080.09
4290682.63      3.52861
        642120.09    4290682.63      2.92964      642160.09
4290682.63      2.47653
        642200.09    4290682.63      2.12559      642240.09
4290682.63      1.84603
        642280.09    4290682.63      1.62052      642320.09
4290682.63      1.43575
        642360.09    4290682.63      1.28231      642400.09
4290682.63      1.15335

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|            |            |         |           |
|------------|------------|---------|-----------|
| 642440.09  | 4290682.63 | 1.04385 | 642480.09 |
| 4290682.63 | 0.95002    |         |           |
| 642520.09  | 4290682.63 | 0.86894 | 642560.09 |
| 4290682.63 | 0.79832    |         |           |
| 642600.09  | 4290682.63 | 0.73620 | 641920.09 |
| 4290722.63 | 8.90695    |         |           |
| 641960.09  | 4290722.63 | 6.65730 | 642000.09 |
| 4290722.63 | 5.17064    |         |           |
| 642040.09  | 4290722.63 | 4.13794 | 642080.09 |
| 4290722.63 | 3.39198    |         |           |
| 642120.09  | 4290722.63 | 2.83549 | 642160.09 |
| 4290722.63 | 2.41022    |         |           |
| 642200.09  | 4290722.63 | 2.07758 | 642240.09 |
| 4290722.63 | 1.81065    |         |           |
| 642280.09  | 4290722.63 | 1.59391 | 642320.09 |
| 4290722.63 | 1.41546    |         |           |
| 642360.09  | 4290722.63 | 1.26661 | 642400.09 |
| 4290722.63 | 1.14105    |         |           |
| 642440.09  | 4290722.63 | 1.03413 | 642480.09 |
| 4290722.63 | 0.94225    |         |           |
| 642520.09  | 4290722.63 | 0.86266 | 642560.09 |
| 4290722.63 | 0.79322    |         |           |
| 642600.09  | 4290722.63 | 0.73208 | 641920.09 |
| 4290762.63 | 7.94316    |         |           |
| 641960.09  | 4290762.63 | 6.06042 | 642000.09 |
| 4290762.63 | 4.78663    |         |           |
| 642040.09  | 4290762.63 | 3.88385 | 642080.09 |
| 4290762.63 | 3.21846    |         |           |
| 642120.09  | 4290762.63 | 2.71372 | 642160.09 |
| 4290762.63 | 2.32266    |         |           |
| 642200.09  | 4290762.63 | 2.01301 | 642240.09 |
| 4290762.63 | 1.76238    |         |           |
| 642280.09  | 4290762.63 | 1.55732 | 642320.09 |
| 4290762.63 | 1.38734    |         |           |
| 642360.09  | 4290762.63 | 1.24474 | 642400.09 |
| 4290762.63 | 1.12387    |         |           |
| 642440.09  | 4290762.63 | 1.02048 | 642480.09 |
| 4290762.63 | 0.93128    |         |           |
| 642520.09  | 4290762.63 | 0.85380 | 642560.09 |
| 4290762.63 | 0.78601    |         |           |
| 642600.09  | 4290762.63 | 0.72624 | 641920.09 |
| 4290802.63 | 7.08876    |         |           |
| 641960.09  | 4290802.63 | 5.50564 | 642000.09 |
| 4290802.63 | 4.40925    |         |           |
| 642040.09  | 4290802.63 | 3.61791 | 642080.09 |
| 4290802.63 | 3.02766    |         |           |
| 642120.09  | 4290802.63 | 2.57450 | 642160.09 |
| 4290802.63 | 2.21948    |         |           |
| 642200.09  | 4290802.63 | 1.93513 | 642240.09 |
| 4290802.63 | 1.70299    |         |           |



|            |            |         |           |
|------------|------------|---------|-----------|
| 642280.09  | 4290802.63 | 1.51146 | 642320.09 |
| 4290802.63 | 1.35153    |         |           |
| 642360.09  | 4290802.63 | 1.21649 | 642400.09 |
| 4290802.63 | 1.10138    |         |           |
| 642440.09  | 4290802.63 | 1.00242 | 642480.09 |
| 4290802.63 | 0.91670    |         |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\*      \*\*\* C:\Lakes\AERMOD View\Baseline Road Fuel  
 Station\_TOG\Baseline Road Fu \*\*\*      08/18/25  
 \*\*\* AERMET - VERSION 19191 \*\*\*      \*\*\*  
                                  \*\*\*      13:19:08

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\*\*\* MODELOPTs:      RegDFAULT    CONC    ELEV    URBAN    ADJ\_U\*

\*\*\* THE PERIOD ( 43680 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: BREATHIN \*\*\*  
 INCLUDING SOURCE(S):      STCK2      ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF TOG      IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|---------|-------------|
| Y-COORD (M) | CONC        |         |             |
| -----       |             |         |             |
| -----       |             |         |             |
| 642520.09   | 4290802.63  | 0.84193 | 642560.09   |
| 4290802.63  | 0.77628     |         |             |
| 642600.09   | 4290802.63  | 0.71824 | 641920.09   |
| 4290842.63  | 6.35203     |         |             |
| 641960.09   | 4290842.63  | 5.01523 | 642000.09   |
| 4290842.63  | 4.06491     |         |             |
| 642040.09   | 4290842.63  | 3.36863 | 642080.09   |
| 4290842.63  | 2.84131     |         |             |
| 642120.09   | 4290842.63  | 2.43188 | 642160.09   |
| 4290842.63  | 2.10995     |         |             |
| 642200.09   | 4290842.63  | 1.84998 | 642240.09   |
| 4290842.63  | 1.63629     |         |             |
| 642280.09   | 4290842.63  | 1.45879 | 642320.09   |
| 4290842.63  | 1.30958     |         |             |
| 642360.09   | 4290842.63  | 1.18284 | 642400.09   |
| 4290842.63  | 1.07420     |         |             |
| 642440.09   | 4290842.63  | 0.98032 | 642480.09   |
| 4290842.63  | 0.89862     |         |             |
| 642520.09   | 4290842.63  | 0.82705 | 642560.09   |
| 4290842.63  | 0.76394     |         |             |
| 642600.09   | 4290842.63  | 0.70805 | 641920.09   |
| 4290882.63  | 5.69742     |         |             |

|            |            |          |           |
|------------|------------|----------|-----------|
| 641960.09  | 4290882.63 | 4.57332  | 642000.09 |
| 4290882.63 | 3.75452    |          |           |
| 642040.09  | 4290882.63 | 3.14005  | 642080.09 |
| 4290882.63 | 2.66894    |          |           |
| 642120.09  | 4290882.63 | 2.30029  | 642160.09 |
| 4290882.63 | 2.00300    |          |           |
| 642200.09  | 4290882.63 | 1.76398  | 642240.09 |
| 4290882.63 | 1.56694    |          |           |
| 642280.09  | 4290882.63 | 1.40258  | 642320.09 |
| 4290882.63 | 1.26382    |          |           |
| 642360.09  | 4290882.63 | 1.14540  | 642400.09 |
| 4290882.63 | 1.04346    |          |           |
| 642440.09  | 4290882.63 | 0.95496  | 642480.09 |
| 4290882.63 | 0.87758    |          |           |
| 642520.09  | 4290882.63 | 0.80953  | 642560.09 |
| 4290882.63 | 0.74930    |          |           |
| 642600.09  | 4290882.63 | 0.69574  | 641450.64 |
| 4290754.44 | 6.23479    |          |           |
| 641490.64  | 4290754.44 | 8.39522  | 641530.64 |
| 4290754.44 | 11.98752   |          |           |
| 641570.64  | 4290754.44 | 18.16924 | 641610.64 |
| 4290754.44 | 28.78097   |          |           |
| 641650.64  | 4290754.44 | 43.87113 | 641450.64 |
| 4290794.44 | 6.46305    |          |           |
| 641490.64  | 4290794.44 | 8.72441  | 641530.64 |
| 4290794.44 | 12.26446   |          |           |
| 641570.64  | 4290794.44 | 17.69037 | 641610.64 |
| 4290794.44 | 25.14096   |          |           |
| 641650.64  | 4290794.44 | 33.01134 | 641450.64 |
| 4290834.44 | 6.63231    |          |           |
| 641490.64  | 4290834.44 | 8.82959  | 641530.64 |
| 4290834.44 | 11.97867   |          |           |
| 641570.64  | 4290834.44 | 16.20197 | 641610.64 |
| 4290834.44 | 21.05601   |          |           |
| 641650.64  | 4290834.44 | 25.12367 |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\*      \*\*\* C:\Lakes\AERMOD View\Baseline Road Fuel  
 Station\_TOG\Baseline Road Fu \*\*\*      08/18/25  
 \*\*\* AERMET - VERSION 19191 \*\*\*      \*\*\*  
                                  \*\*\*      13:19:08

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\*\*\* MODELOPTs:      RegDFAULT      CONC      ELEV      URBAN      ADJ\_U\*

\*\*\* THE PERIOD ( 43680 HRS) AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL      INCLUDING SOURCE(S):      VOL1      , VOL2  
                                  , VOL3      , VOL4      , VOL5      ,  
                                  VOL6      , VOL7      , VOL8      , VOL9      , VOL10  
                                  , VOL11      , VOL12      , STCK1      ,

STCK2 , VOL13 , VOL14 , VOL15 , VOL17

,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF TOG IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) |
|-------------|-------------|------|-------------|
| Y-COORD (M) | CONC        |      |             |

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|           |            |         |           |
|-----------|------------|---------|-----------|
| 641284.31 | 4290506.68 | 9.07640 | 641324.31 |
|-----------|------------|---------|-----------|

|            |          |  |  |
|------------|----------|--|--|
| 4290506.68 | 10.59715 |  |  |
|------------|----------|--|--|

|           |            |          |           |
|-----------|------------|----------|-----------|
| 641364.31 | 4290506.68 | 12.56127 | 641404.31 |
|-----------|------------|----------|-----------|

|            |          |  |  |
|------------|----------|--|--|
| 4290506.68 | 15.14796 |  |  |
|------------|----------|--|--|

|           |            |         |           |
|-----------|------------|---------|-----------|
| 641284.31 | 4290546.68 | 9.35419 | 641324.31 |
|-----------|------------|---------|-----------|

|            |          |  |  |
|------------|----------|--|--|
| 4290546.68 | 10.97466 |  |  |
|------------|----------|--|--|

|           |            |          |           |
|-----------|------------|----------|-----------|
| 641364.31 | 4290546.68 | 13.10336 | 641404.31 |
|-----------|------------|----------|-----------|

|            |          |  |  |
|------------|----------|--|--|
| 4290546.68 | 15.95838 |  |  |
|------------|----------|--|--|

|           |            |         |           |
|-----------|------------|---------|-----------|
| 641284.31 | 4290586.68 | 9.55981 | 641324.31 |
|-----------|------------|---------|-----------|

|            |          |  |  |
|------------|----------|--|--|
| 4290586.68 | 11.25220 |  |  |
|------------|----------|--|--|

|           |            |          |           |
|-----------|------------|----------|-----------|
| 641364.31 | 4290586.68 | 13.48152 | 641404.31 |
|-----------|------------|----------|-----------|

|            |          |  |  |
|------------|----------|--|--|
| 4290586.68 | 16.48770 |  |  |
|------------|----------|--|--|

|           |            |         |           |
|-----------|------------|---------|-----------|
| 641284.31 | 4290626.68 | 9.72290 | 641324.31 |
|-----------|------------|---------|-----------|

|            |          |  |  |
|------------|----------|--|--|
| 4290626.68 | 11.44072 |  |  |
|------------|----------|--|--|

|           |            |          |           |
|-----------|------------|----------|-----------|
| 641364.31 | 4290626.68 | 13.72190 | 641404.31 |
|-----------|------------|----------|-----------|

|            |          |  |  |
|------------|----------|--|--|
| 4290626.68 | 16.78667 |  |  |
|------------|----------|--|--|

|           |            |         |           |
|-----------|------------|---------|-----------|
| 641284.31 | 4290666.68 | 9.85606 | 641324.31 |
|-----------|------------|---------|-----------|

|            |          |  |  |
|------------|----------|--|--|
| 4290666.68 | 11.61064 |  |  |
|------------|----------|--|--|

|           |            |          |           |
|-----------|------------|----------|-----------|
| 641364.31 | 4290666.68 | 13.95987 | 641404.31 |
|-----------|------------|----------|-----------|

|            |          |  |  |
|------------|----------|--|--|
| 4290666.68 | 17.07802 |  |  |
|------------|----------|--|--|

|           |            |         |           |
|-----------|------------|---------|-----------|
| 641284.31 | 4290706.68 | 9.96480 | 641324.31 |
|-----------|------------|---------|-----------|

|            |          |  |  |
|------------|----------|--|--|
| 4290706.68 | 11.75715 |  |  |
|------------|----------|--|--|

|           |            |          |           |
|-----------|------------|----------|-----------|
| 641364.31 | 4290706.68 | 14.16730 | 641404.31 |
|-----------|------------|----------|-----------|

|            |          |  |  |
|------------|----------|--|--|
| 4290706.68 | 17.40361 |  |  |
|------------|----------|--|--|

|           |            |          |           |
|-----------|------------|----------|-----------|
| 641284.31 | 4290746.68 | 10.07708 | 641324.31 |
|-----------|------------|----------|-----------|

|            |          |  |  |
|------------|----------|--|--|
| 4290746.68 | 11.90176 |  |  |
|------------|----------|--|--|

|           |            |          |           |
|-----------|------------|----------|-----------|
| 641364.31 | 4290746.68 | 14.38034 | 641404.31 |
|-----------|------------|----------|-----------|

|            |          |  |  |
|------------|----------|--|--|
| 4290746.68 | 17.78807 |  |  |
|------------|----------|--|--|

|           |            |          |           |
|-----------|------------|----------|-----------|
| 641284.31 | 4290786.68 | 10.21094 | 641324.31 |
|-----------|------------|----------|-----------|

|            |          |  |  |
|------------|----------|--|--|
| 4290786.68 | 12.09495 |  |  |
|------------|----------|--|--|

|           |            |          |           |
|-----------|------------|----------|-----------|
| 641364.31 | 4290786.68 | 14.66262 | 641404.31 |
|-----------|------------|----------|-----------|

|            |          |  |  |
|------------|----------|--|--|
| 4290786.68 | 18.26310 |  |  |
|------------|----------|--|--|

|           |            |          |           |
|-----------|------------|----------|-----------|
| 641284.31 | 4290826.68 | 10.38239 | 641324.31 |
|-----------|------------|----------|-----------|

|            |          |  |  |
|------------|----------|--|--|
| 4290826.68 | 12.35175 |  |  |
|------------|----------|--|--|

|           |            |          |           |
|-----------|------------|----------|-----------|
| 641364.31 | 4290826.68 | 15.01219 | 641404.31 |
|-----------|------------|----------|-----------|

|            |          |  |  |
|------------|----------|--|--|
| 4290826.68 | 18.77470 |  |  |
|------------|----------|--|--|

|           |            |          |           |
|-----------|------------|----------|-----------|
| 641284.31 | 4290866.68 | 10.58475 | 641324.31 |
|-----------|------------|----------|-----------|

|            |            |          |           |
|------------|------------|----------|-----------|
| 4290866.68 | 12.63699   |          |           |
| 641364.31  | 4290866.68 | 15.38846 | 641404.31 |
| 4290866.68 | 19.21593   |          |           |
| 641268.28  | 4290889.76 | 10.01618 | 641308.28 |
| 4290889.76 | 11.89628   |          |           |
| 641348.28  | 4290889.76 | 14.36486 | 641388.28 |
| 4290889.76 | 17.71429   |          |           |
| 641428.28  | 4290889.76 | 22.26541 | 641468.28 |
| 4290889.76 | 28.33748   |          |           |
| 641508.28  | 4290889.76 | 36.15042 | 641548.28 |
| 4290889.76 | 45.39222   |          |           |
| 641588.28  | 4290889.76 | 54.90814 | 641628.28 |
| 4290889.76 | 62.68822   |          |           |
| 642188.28  | 4290889.76 | 7.21115  | 642228.28 |
| 4290889.76 | 6.39451    |          |           |
| 642268.28  | 4290889.76 | 5.71850  | 642308.28 |
| 4290889.76 | 5.15087    |          |           |
| 642348.28  | 4290889.76 | 4.66873  | 642388.28 |
| 4290889.76 | 4.25479    |          |           |
| 642428.28  | 4290889.76 | 3.89587  | 641268.28 |
| 4290929.76 | 10.21229   |          |           |
| 641308.28  | 4290929.76 | 12.13565 | 641348.28 |
| 4290929.76 | 14.62363   |          |           |
| 641388.28  | 4290929.76 | 17.90221 | 641428.28 |
| 4290929.76 | 22.16876   |          |           |
| 641468.28  | 4290929.76 | 27.52500 | 641508.28 |
| 4290929.76 | 33.87491   |          |           |
| 641548.28  | 4290929.76 | 40.68700 | 641588.28 |
| 4290929.76 | 46.97056   |          |           |
| 641628.28  | 4290929.76 | 51.48881 | 642188.28 |
| 4290929.76 | 6.86272    |          |           |
| 642228.28  | 4290929.76 | 6.10199  | 642268.28 |
| 4290929.76 | 5.47190    |          |           |
| 642308.28  | 4290929.76 | 4.94085  | 642348.28 |
| 4290929.76 | 4.48902    |          |           |
| 642388.28  | 4290929.76 | 4.10140  | 642428.28 |
| 4290929.76 | 3.76576    |          |           |
| 641268.28  | 4290969.76 | 10.39209 | 641308.28 |
| 4290969.76 | 12.31849   |          |           |
| 641348.28  | 4290969.76 | 14.76552 | 641388.28 |
| 4290969.76 | 17.87231   |          |           |
| 641428.28  | 4290969.76 | 21.71792 | 641468.28 |
| 4290969.76 | 26.25170   |          |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\*      \*\*\* C:\Lakes\AERMOD View\Baseline Road Fuel  
 Station\_TOG\Baseline Road Fu \*\*\*      08/18/25  
 \*\*\* AERMET - VERSION 19191 \*\*\*      \*\*\*  
                                  \*\*\*      13:19:08

VALUES FOR SOURCE GROUP: ALL      \*\*\* THE PERIOD ( 43680 HRS) AVERAGE CONCENTRATION \*\*\*

INCLUDING SOURCE(S):      VOL1      , VOL2  
, VOL3      , VOL4      , VOL5      ,  
VOL6      , VOL7      , VOL8      , VOL9      , VOL10  
, VOL11      , VOL12      , STCK1      ,  
STCK2      , VOL13      , VOL14      , VOL15      , VOL17  
,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

| **          |             | ** CONC OF TOG | IN MICROGRAMS/M**3 |
|-------------|-------------|----------------|--------------------|
| X-COORD (M) | Y-COORD (M) | CONC           | X-COORD (M)        |
| Y-COORD (M) | CONC        |                |                    |
| -----       |             |                |                    |
| 641508.28   | 4290969.76  | 31.22848       | 641548.28          |
| 4290969.76  | 36.12674    |                |                    |
| 641588.28   | 4290969.76  | 40.24056       | 641628.28          |
| 4290969.76  | 42.85110    |                |                    |
| 641668.28   | 4290969.76  | 43.41797       | 641708.28          |
| 4290969.76  | 41.70168    |                |                    |
| 641748.28   | 4290969.76  | 37.95148       | 641788.28          |
| 4290969.76  | 32.96096    |                |                    |
| 641828.28   | 4290969.76  | 27.71663       | 641868.28          |
| 4290969.76  | 22.93750    |                |                    |
| 641908.28   | 4290969.76  | 18.91355       | 641948.28          |
| 4290969.76  | 15.68752    |                |                    |
| 642188.28   | 4290969.76  | 6.53921        | 642228.28          |
| 4290969.76  | 5.83381     |                |                    |
| 642268.28   | 4290969.76  | 5.24636        | 642308.28          |
| 4290969.76  | 4.74775     |                |                    |
| 642348.28   | 4290969.76  | 4.32047        | 642388.28          |
| 4290969.76  | 3.95287     |                |                    |
| 642428.28   | 4290969.76  | 3.63566        | 641268.28          |
| 4291009.76  | 10.53033    |                |                    |
| 641308.28   | 4291009.76  | 12.42180       | 641348.28          |
| 4291009.76  | 14.76837    |                |                    |
| 641388.28   | 4291009.76  | 17.61844       | 641428.28          |
| 4291009.76  | 20.96695    |                |                    |
| 641468.28   | 4291009.76  | 24.68252       | 641508.28          |
| 4291009.76  | 28.48739    |                |                    |
| 641548.28   | 4291009.76  | 31.96014       | 641588.28          |
| 4291009.76  | 34.63932    |                |                    |
| 641628.28   | 4291009.76  | 36.12665       | 641668.28          |
| 4291009.76  | 36.15004    |                |                    |

|            |            |          |           |
|------------|------------|----------|-----------|
| 641708.28  | 4291009.76 | 34.61707 | 641748.28 |
| 4291009.76 | 31.72505   |          |           |
| 641788.28  | 4291009.76 | 27.98469 | 641828.28 |
| 4291009.76 | 23.99664   |          |           |
| 641868.28  | 4291009.76 | 20.26509 | 641908.28 |
| 4291009.76 | 17.01713   |          |           |
| 641948.28  | 4291009.76 | 14.32686 | 642188.28 |
| 4291009.76 | 6.23975    |          |           |
| 642228.28  | 4291009.76 | 5.58916  | 642268.28 |
| 4291009.76 | 5.03973    |          |           |
| 642308.28  | 4291009.76 | 4.56971  | 642348.28 |
| 4291009.76 | 4.16494    |          |           |
| 642388.28  | 4291009.76 | 3.81623  | 642428.28 |
| 4291009.76 | 3.51435    |          |           |
| 641268.28  | 4291049.76 | 10.60765 | 641308.28 |
| 4291049.76 | 12.42405   |          |           |
| 641348.28  | 4291049.76 | 14.61448 | 641388.28 |
| 4291049.76 | 17.16369   |          |           |
| 641428.28  | 4291049.76 | 19.99549 | 641468.28 |
| 4291049.76 | 22.96870   |          |           |
| 641508.28  | 4291049.76 | 25.82876 | 641548.28 |
| 4291049.76 | 28.27113   |          |           |
| 641588.28  | 4291049.76 | 30.00977 | 641628.28 |
| 4291049.76 | 30.82577   |          |           |
| 641668.28  | 4291049.76 | 30.57972 | 641708.28 |
| 4291049.76 | 29.23984   |          |           |
| 641748.28  | 4291049.76 | 26.95591 | 641788.28 |
| 4291049.76 | 24.07045   |          |           |
| 641828.28  | 4291049.76 | 20.97383 | 641868.28 |
| 4291049.76 | 18.02275   |          |           |
| 641908.28  | 4291049.76 | 15.37858 | 641948.28 |
| 4291049.76 | 13.12417   |          |           |
| 642188.28  | 4291049.76 | 5.94990  | 642228.28 |
| 4291049.76 | 5.35437    |          |           |
| 642268.28  | 4291049.76 | 4.84284  | 642308.28 |
| 4291049.76 | 4.40245    |          |           |
| 642348.28  | 4291049.76 | 4.02070  | 642388.28 |
| 4291049.76 | 3.69002    |          |           |
| 642428.28  | 4291049.76 | 3.40242  | 641268.28 |
| 4291089.76 | 10.61657   |          |           |
| 641308.28  | 4291089.76 | 12.32661 | 641348.28 |
| 4291089.76 | 14.32144   |          |           |
| 641388.28  | 4291089.76 | 16.54354 | 641428.28 |
| 4291089.76 | 18.88485   |          |           |
| 641468.28  | 4291089.76 | 21.22329 | 641508.28 |
| 4291089.76 | 23.35263   |          |           |
| 641548.28  | 4291089.76 | 25.06150 | 641588.28 |
| 4291089.76 | 26.18177   |          |           |
| 641628.28  | 4291089.76 | 26.59274 | 641668.28 |
| 4291089.76 | 26.21932   |          |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\*      \*\*\* C:\Lakes\AERMOD View\Baseline Road Fuel  
 Station\_TOG\Baseline Road Fu \*\*\*      08/18/25  
 \*\*\* AERMET - VERSION 19191 \*\*\*      \*\*\*  
                                  \*\*\*      13:19:08

PAGE 50  
 \*\*\* MODELOPTs:      RegDFAULT    CONC    ELEV    URBAN    ADJ\_U\*

\*\*\* THE PERIOD ( 43680 HRS) AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):      VOL1      , VOL2  
 , VOL3      , VOL4      , VOL5      ,  
                  VOL6      , VOL7      , VOL8      , VOL9      , VOL10  
 , VOL11      , VOL12      , STCK1      ,  
                  STCK2      , VOL13      , VOL14      , VOL15      , VOL17  
 ,

\*\*\*      \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\* CONC OF TOG      IN MICROGRAMS/M\*\*3  
 \*\*

| X-COORD (M) | Y-COORD (M) | CONC      | X-COORD (M) |
|-------------|-------------|-----------|-------------|
| Y-COORD (M) | CONC        |           |             |
| - - - - -   | - - - - -   | - - - - - | - - - - -   |
| - - - - -   | - - - - -   | - - - - - | - - - - -   |
| 641708.28   | 4291089.76  | 25.05591  | 641748.28   |
| 4291089.76  | 23.21695    |           |             |
| 641788.28   | 4291089.76  | 20.94066  | 641828.28   |
| 4291089.76  | 18.49264    |           |             |
| 641868.28   | 4291089.76  | 16.12310  | 641908.28   |
| 4291089.76  | 13.95243    |           |             |
| 641948.28   | 4291089.76  | 12.05583  | 641988.28   |
| 4291089.76  | 10.44982    |           |             |
| 642028.28   | 4291089.76  | 9.10351   | 642068.28   |
| 4291089.76  | 7.99343     |           |             |
| 642108.28   | 4291089.76  | 7.08811   | 642148.28   |
| 4291089.76  | 6.31528     |           |             |
| 641268.28   | 4291129.76  | 10.55227  | 641308.28   |
| 4291129.76  | 12.13050    |           |             |
| 641348.28   | 4291129.76  | 13.90924  | 641388.28   |
| 4291129.76  | 15.80707    |           |             |
| 641428.28   | 4291129.76  | 17.70937  | 641468.28   |
| 4291129.76  | 19.52329    |           |             |
| 641508.28   | 4291129.76  | 21.09701  | 641548.28   |
| 4291129.76  | 22.28970    |           |             |
| 641588.28   | 4291129.76  | 23.00157  | 641628.28   |
| 4291129.76  | 23.16538    |           |             |
| 641668.28   | 4291129.76  | 22.74039  | 641708.28   |

|            |            |          |           |
|------------|------------|----------|-----------|
| 4291129.76 | 21.73138   |          |           |
| 641748.28  | 4291129.76 | 20.22597 | 641788.28 |
| 4291129.76 | 18.39533   |          |           |
| 641828.28  | 4291129.76 | 16.42906 | 641868.28 |
| 4291129.76 | 14.50266   |          |           |
| 641908.28  | 4291129.76 | 12.70602 | 641948.28 |
| 4291129.76 | 11.10209   |          |           |
| 641988.28  | 4291129.76 | 9.70879  | 642028.28 |
| 4291129.76 | 8.52532    |          |           |
| 642068.28  | 4291129.76 | 7.53302  | 642108.28 |
| 4291129.76 | 6.70258    |          |           |
| 642148.28  | 4291129.76 | 6.00222  | 641374.56 |
| 4290226.75 | 7.83535    |          |           |
| 641414.56  | 4290226.75 | 8.71413  | 641454.56 |
| 4290226.75 | 9.68668    |          |           |
| 641494.56  | 4290226.75 | 10.74173 | 641534.56 |
| 4290226.75 | 11.87326   |          |           |
| 641574.56  | 4290226.75 | 13.08861 | 641614.56 |
| 4290226.75 | 14.38639   |          |           |
| 641654.56  | 4290226.75 | 15.76768 | 641694.56 |
| 4290226.75 | 17.17411   |          |           |
| 641734.56  | 4290226.75 | 18.62407 | 641774.56 |
| 4290226.75 | 20.39029   |          |           |
| 641814.56  | 4290226.75 | 22.56841 | 641854.56 |
| 4290226.75 | 24.61608   |          |           |
| 641894.56  | 4290226.75 | 25.53904 | 641934.56 |
| 4290226.75 | 24.80166   |          |           |
| 641974.56  | 4290226.75 | 22.78137 | 642014.56 |
| 4290226.75 | 20.20440   |          |           |
| 642054.56  | 4290226.75 | 17.59489 | 642094.56 |
| 4290226.75 | 15.20480   |          |           |
| 642134.56  | 4290226.75 | 13.12437 | 642174.56 |
| 4290226.75 | 11.35245   |          |           |
| 642214.56  | 4290226.75 | 9.84975  | 642254.56 |
| 4290226.75 | 8.58993    |          |           |
| 642294.56  | 4290226.75 | 7.53818  | 642334.56 |
| 4290226.75 | 6.65431    |          |           |
| 642374.56  | 4290226.75 | 5.90234  | 642414.56 |
| 4290226.75 | 5.26518    |          |           |
| 642454.56  | 4290226.75 | 4.72548  | 642494.56 |
| 4290226.75 | 4.26390    |          |           |
| 642534.56  | 4290226.75 | 3.86746  | 642574.56 |
| 4290226.75 | 3.52457    |          |           |
| 642614.56  | 4290226.75 | 3.23068  | 641374.56 |
| 4290266.75 | 8.52944    |          |           |
| 641414.56  | 4290266.75 | 9.61174  | 641454.56 |
| 4290266.75 | 10.83052   |          |           |
| 641494.56  | 4290266.75 | 12.18706 | 641534.56 |
| 4290266.75 | 13.68348   |          |           |
| 641574.56  | 4290266.75 | 15.33206 | 641614.56 |



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4290266.75      17.13923
      641654.56      4290266.75      19.06197      641694.56
4290266.75      21.00139
      641734.56      4290266.75      23.06994      641774.56
4290266.75      25.63144
      641814.56      4290266.75      28.68557      641854.56
4290266.75      31.08084
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Baseline Road Fuel
Station_TOG\Baseline Road Fu *** 08/18/25
*** AERMET - VERSION 19191 *** ***
*** 13:19:08

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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*** THE PERIOD ( 43680 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
      INCLUDING SOURCE(S):      VOL1      , VOL2
, VOL3      , VOL4      , VOL5      ,
      VOL6      , VOL7      , VOL8      , VOL9      , VOL10
, VOL11      , VOL12      , STCK1      ,
      STCK2      , VOL13      , VOL14      , VOL15      , VOL17
,

```

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

```

***
      ** CONC OF TOG      IN MICROGRAMS/M**3
      **
      X-COORD (M)      Y-COORD (M)      CONC      X-COORD (M)
Y-COORD (M)      CONC
- - - - -
- - - - -
      641894.56      4290266.75      31.27978      641934.56
4290266.75      29.12604
      641974.56      4290266.75      25.70017      642014.56
4290266.75      22.04961
      642054.56      4290266.75      18.70346      642094.56
4290266.75      15.84206
      642134.56      4290266.75      13.46326      642174.56
4290266.75      11.50050
      642214.56      4290266.75      9.88090      642254.56
4290266.75      8.54783
      642294.56      4290266.75      7.45801      642334.56
4290266.75      6.55704
      642374.56      4290266.75      5.80155      642414.56
4290266.75      5.16819
      642454.56      4290266.75      4.63846      642494.56
4290266.75      4.18809

```

|            |            |          |           |
|------------|------------|----------|-----------|
| 642534.56  | 4290266.75 | 3.80245  | 642574.56 |
| 4290266.75 | 3.46776    |          |           |
| 642614.56  | 4290266.75 | 3.18051  | 641374.56 |
| 4290306.75 | 9.25892    |          |           |
| 641414.56  | 4290306.75 | 10.57958 | 641454.56 |
| 4290306.75 | 12.10947   |          |           |
| 641494.56  | 4290306.75 | 13.88364 | 641534.56 |
| 4290306.75 | 15.91878   |          |           |
| 641574.56  | 4290306.75 | 18.22019 | 641614.56 |
| 4290306.75 | 20.73641   |          |           |
| 641654.56  | 4290306.75 | 23.46370 | 641694.56 |
| 4290306.75 | 26.34495   |          |           |
| 641734.56  | 4290306.75 | 29.43716 | 641774.56 |
| 4290306.75 | 33.25396   |          |           |
| 641814.56  | 4290306.75 | 37.60831 | 641854.56 |
| 4290306.75 | 39.98346   |          |           |
| 641894.56  | 4290306.75 | 38.37576 | 641934.56 |
| 4290306.75 | 33.88110   |          |           |
| 641974.56  | 4290306.75 | 28.58210 | 642014.56 |
| 4290306.75 | 23.68308   |          |           |
| 642054.56  | 4290306.75 | 19.56559 | 642094.56 |
| 4290306.75 | 16.25824   |          |           |
| 642134.56  | 4290306.75 | 13.60798 | 642174.56 |
| 4290306.75 | 11.49116   |          |           |
| 642214.56  | 4290306.75 | 9.79536  | 642254.56 |
| 4290306.75 | 8.42968    |          |           |
| 642294.56  | 4290306.75 | 7.32734  | 642334.56 |
| 4290306.75 | 6.42883    |          |           |
| 642374.56  | 4290306.75 | 5.68132  | 642414.56 |
| 4290306.75 | 5.06230    |          |           |
| 642454.56  | 4290306.75 | 4.54819  | 642494.56 |
| 4290306.75 | 4.11174    |          |           |
| 642534.56  | 4290306.75 | 3.73771  | 642574.56 |
| 4290306.75 | 3.41318    |          |           |
| 642614.56  | 4290306.75 | 3.07677  | 641374.56 |
| 4290346.75 | 10.01744   |          |           |
| 641414.56  | 4290346.75 | 11.59910 | 641454.56 |
| 4290346.75 | 13.52893   |          |           |
| 641494.56  | 4290346.75 | 15.86155 | 641534.56 |
| 4290346.75 | 18.62363   |          |           |
| 641574.56  | 4290346.75 | 21.82757 | 641614.56 |
| 4290346.75 | 25.50558   |          |           |
| 641654.56  | 4290346.75 | 29.66067 | 641694.56 |
| 4290346.75 | 34.15084   |          |           |
| 641734.56  | 4290346.75 | 39.00328 | 641774.56 |
| 4290346.75 | 45.12598   |          |           |
| 641814.56  | 4290346.75 | 51.28221 | 641854.56 |
| 4290346.75 | 52.20491   |          |           |
| 641894.56  | 4290346.75 | 46.69805 | 641934.56 |
| 4290346.75 | 38.66737   |          |           |

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^ *** AERMOD - VERSION 24142 ***      *** C:\Lakes\AERMOD View\Baseline Road Fuel
Station_TOG\Baseline Road Fu ***      08/18/25
*** AERMET - VERSION 19191 ***      ***
***      13:19:08

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

### \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\*

|            | X-COORD (M) | Y-COORD (M) | CONC     | X-COORD (M) |
|------------|-------------|-------------|----------|-------------|
|            | 642534.56   | 4290346.75  | 3.67480  | 642574.56   |
| 4290346.75 |             | 3.35895     |          |             |
|            | 642614.56   | 4290346.75  | 2.99585  | 641374.56   |
| 4290386.75 |             | 10.79620    |          |             |
|            | 641414.56   | 4290386.75  | 12.65978 | 641454.56   |
| 4290386.75 |             | 15.02471    |          |             |
|            | 641494.56   | 4290386.75  | 18.00269 | 641534.56   |
| 4290386.75 |             | 21.77316    |          |             |
|            | 641574.56   | 4290386.75  | 26.46937 | 641614.56   |

|            |            |           |           |
|------------|------------|-----------|-----------|
| 4290386.75 | 32.12145   |           |           |
| 641654.56  | 4290386.75 | 38.74573  | 641694.56 |
| 4290386.75 | 46.20816   |           |           |
| 641734.56  | 4290386.75 | 54.49535  | 641774.56 |
| 4290386.75 | 65.07588   |           |           |
| 641814.56  | 4290386.75 | 73.05532  | 641854.56 |
| 4290386.75 | 68.48921   |           |           |
| 641894.56  | 4290386.75 | 55.69189  | 641934.56 |
| 4290386.75 | 42.93468   |           |           |
| 641974.56  | 4290386.75 | 32.90780  | 642014.56 |
| 4290386.75 | 25.53259   |           |           |
| 642054.56  | 4290386.75 | 20.14892  | 642094.56 |
| 4290386.75 | 16.20312   |           |           |
| 642134.56  | 4290386.75 | 13.26199  | 642174.56 |
| 4290386.75 | 11.06425   |           |           |
| 642214.56  | 4290386.75 | 9.37433   | 642254.56 |
| 4290386.75 | 8.05355    |           |           |
| 642294.56  | 4290386.75 | 7.00038   | 642334.56 |
| 4290386.75 | 6.14628    |           |           |
| 642374.56  | 4290386.75 | 5.44599   | 642414.56 |
| 4290386.75 | 4.86300    |           |           |
| 642454.56  | 4290386.75 | 4.37915   | 642494.56 |
| 4290386.75 | 3.96768    |           |           |
| 642534.56  | 4290386.75 | 3.61429   | 642574.56 |
| 4290386.75 | 3.30689    |           |           |
| 642614.56  | 4290386.75 | 3.03940   | 641374.56 |
| 4290426.75 | 11.59612   |           |           |
| 641414.56  | 4290426.75 | 13.76143  | 641454.56 |
| 4290426.75 | 16.58047   |           |           |
| 641494.56  | 4290426.75 | 20.30164  | 641534.56 |
| 4290426.75 | 25.41818   |           |           |
| 641574.56  | 4290426.75 | 32.27967  | 641614.56 |
| 4290426.75 | 41.25230   |           |           |
| 641654.56  | 4290426.75 | 52.60036  | 641694.56 |
| 4290426.75 | 66.23020   |           |           |
| 641734.56  | 4290426.75 | 82.45356  | 641774.56 |
| 4290426.75 | 102.65493  |           |           |
| 641814.56  | 4290426.75 | 108.56519 | 641854.56 |
| 4290426.75 | 88.44864   |           |           |
| 641894.56  | 4290426.75 | 64.16313  | 641934.56 |
| 4290426.75 | 45.89753   |           |           |
| 641974.56  | 4290426.75 | 33.58850  | 642014.56 |
| 4290426.75 | 25.37513   |           |           |
| 642054.56  | 4290426.75 | 19.75354  | 642094.56 |
| 4290426.75 | 15.78640   |           |           |
| 642134.56  | 4290426.75 | 12.90402  | 642174.56 |
| 4290426.75 | 10.76411   |           |           |
| 642214.56  | 4290426.75 | 9.12815   | 642254.56 |
| 4290426.75 | 7.84998    |           |           |
| 642294.56  | 4290426.75 | 6.83602   | 642334.56 |

|                                                                                                                                                                                                   |            |           |           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-----------|-----------|
| 4290426.75                                                                                                                                                                                        | 6.01283    |           |           |
| 642374.56                                                                                                                                                                                         | 4290426.75 | 5.33622   | 642414.56 |
| 4290426.75                                                                                                                                                                                        | 4.77189    |           |           |
| 642454.56                                                                                                                                                                                         | 4290426.75 | 4.30048   | 642494.56 |
| 4290426.75                                                                                                                                                                                        | 3.90086    |           |           |
| 642534.56                                                                                                                                                                                         | 4290426.75 | 3.55797   | 642574.56 |
| 4290426.75                                                                                                                                                                                        | 3.25859    |           |           |
| 642614.56                                                                                                                                                                                         | 4290426.75 | 2.99923   | 641374.56 |
| 4290466.75                                                                                                                                                                                        | 12.40302   |           |           |
| 641414.56                                                                                                                                                                                         | 4290466.75 | 14.86797  | 641454.56 |
| 4290466.75                                                                                                                                                                                        | 18.17636   |           |           |
| 641494.56                                                                                                                                                                                         | 4290466.75 | 22.74326  | 641534.56 |
| 4290466.75                                                                                                                                                                                        | 29.38176   |           |           |
| 641574.56                                                                                                                                                                                         | 4290466.75 | 39.10097  | 641614.56 |
| 4290466.75                                                                                                                                                                                        | 53.50452   |           |           |
| 641654.56                                                                                                                                                                                         | 4290466.75 | 74.20914  | 641694.56 |
| 4290466.75                                                                                                                                                                                        | 103.14984  |           |           |
| 641734.56                                                                                                                                                                                         | 4290466.75 | 141.39115 | 641774.56 |
| 4290466.75                                                                                                                                                                                        | 185.31280  |           |           |
| 641814.56                                                                                                                                                                                         | 4290466.75 | 164.34747 | 641854.56 |
| 4290466.75                                                                                                                                                                                        | 108.54451  |           |           |
| *** AERMOD - VERSION 24142 ***      *** C:\Lakes\AERMOD View\Baseline Road Fuel<br>Station_TOG\Baseline Road Fu ***      08/18/25<br>*** AERMET - VERSION 19191 ***      ***<br>***      13:19:08 |            |           |           |

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\*\*\* MODELOPTs:      RegDFAULT      CONC      ELEV      URBAN      ADJ\_U\*

\*\*\* THE PERIOD ( 43680 HRS) AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: ALL      \*\*\*

INCLUDING SOURCE(S):      VOL1      , VOL2

, VOL3      , VOL4      , VOL5      ,

                 VOL6      , VOL7      , VOL8      , VOL9      , VOL10

, VOL11      , VOL12      , STCK1      ,

                 STCK2      , VOL13      , VOL14      , VOL15      , VOL17

,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF TOG      IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC     | X-COORD (M) |
|-------------|-------------|----------|-------------|
| Y-COORD (M) | CONC        |          |             |
| - - - - -   |             |          |             |
| 641894.56   | 4290466.75  | 69.58321 | 641934.56   |
| 4290466.75  | 46.58619    |          |             |

|            |            |          |           |
|------------|------------|----------|-----------|
| 641974.56  | 4290466.75 | 33.04471 | 642014.56 |
| 4290466.75 | 24.62440   |          |           |
| 642054.56  | 4290466.75 | 19.09996 | 642094.56 |
| 4290466.75 | 15.27819   |          |           |
| 642134.56  | 4290466.75 | 12.51657 | 642174.56 |
| 4290466.75 | 10.46060   |          |           |
| 642214.56  | 4290466.75 | 8.88818  | 642254.56 |
| 4290466.75 | 7.65900    |          |           |
| 642294.56  | 4290466.75 | 6.68595  | 642334.56 |
| 4290466.75 | 5.89372    |          |           |
| 642374.56  | 4290466.75 | 5.23927  | 642414.56 |
| 4290466.75 | 4.69239    |          |           |
| 642454.56  | 4290466.75 | 4.23103  | 642494.56 |
| 4290466.75 | 3.84124    |          |           |
| 642534.56  | 4290466.75 | 3.50763  | 642574.56 |
| 4290466.75 | 3.21727    |          |           |
| 642614.56  | 4290466.75 | 2.96524  | 641920.09 |
| 4290522.63 | 51.20014   |          |           |
| 641960.09  | 4290522.63 | 35.17313 | 642000.09 |
| 4290522.63 | 25.78836   |          |           |
| 642040.09  | 4290522.63 | 19.81864 | 642080.09 |
| 4290522.63 | 15.76734   |          |           |
| 642120.09  | 4290522.63 | 12.87151 | 642160.09 |
| 4290522.63 | 10.73286   |          |           |
| 642200.09  | 4290522.63 | 9.10848  | 642240.09 |
| 4290522.63 | 7.84176    |          |           |
| 642280.09  | 4290522.63 | 6.83483  | 642320.09 |
| 4290522.63 | 6.01958    |          |           |
| 642360.09  | 4290522.63 | 5.34789  | 642400.09 |
| 4290522.63 | 4.78794    |          |           |
| 642440.09  | 4290522.63 | 4.31540  | 642480.09 |
| 4290522.63 | 3.91525    |          |           |
| 642520.09  | 4290522.63 | 3.57179  | 642560.09 |
| 4290522.63 | 3.27469    |          |           |
| 642600.09  | 4290522.63 | 3.01568  | 641920.09 |
| 4290562.63 | 48.93750   |          |           |
| 641960.09  | 4290562.63 | 33.88421 | 642000.09 |
| 4290562.63 | 25.00377   |          |           |
| 642040.09  | 4290562.63 | 19.30355 | 642080.09 |
| 4290562.63 | 15.40920   |          |           |
| 642120.09  | 4290562.63 | 12.62333 | 642160.09 |
| 4290562.63 | 10.55372   |          |           |
| 642200.09  | 4290562.63 | 8.98176  | 642240.09 |
| 4290562.63 | 7.74738    |          |           |
| 642280.09  | 4290562.63 | 6.76200  | 642320.09 |
| 4290562.63 | 5.96201    |          |           |
| 642360.09  | 4290562.63 | 5.30275  | 642400.09 |
| 4290562.63 | 4.75250    |          |           |
| 642440.09  | 4290562.63 | 4.28796  | 642480.09 |
| 4290562.63 | 3.89233    |          |           |

|            |            |          |           |
|------------|------------|----------|-----------|
| 642520.09  | 4290562.63 | 3.55213  | 642560.09 |
| 4290562.63 | 3.25686    |          |           |
| 642600.09  | 4290562.63 | 2.99852  | 641920.09 |
| 4290602.63 | 46.90480   |          |           |
| 641960.09  | 4290602.63 | 32.84620 | 642000.09 |
| 4290602.63 | 24.41125   |          |           |
| 642040.09  | 4290602.63 | 18.93419 | 642080.09 |
| 4290602.63 | 15.16555   |          |           |
| 642120.09  | 4290602.63 | 12.45539 | 642160.09 |
| 4290602.63 | 10.43604   |          |           |
| 642200.09  | 4290602.63 | 8.89609  | 642240.09 |
| 4290602.63 | 7.68326    |          |           |
| 642280.09  | 4290602.63 | 6.71279  | 642320.09 |
| 4290602.63 | 5.92391    |          |           |
| 642360.09  | 4290602.63 | 5.27302  | 642400.09 |
| 4290602.63 | 4.72905    |          |           |
| 642440.09  | 4290602.63 | 4.26949  | 642480.09 |
| 4290602.63 | 3.87731    |          |           |
| 642520.09  | 4290602.63 | 3.53971  | 642560.09 |
| 4290602.63 | 3.24657    |          |           |
| 642600.09  | 4290602.63 | 2.98841  | 641920.09 |
| 4290642.63 | 43.95849   |          |           |
| 641960.09  | 4290642.63 | 31.37149 | 642000.09 |
| 4290642.63 | 23.59675   |          |           |
| 642040.09  | 4290642.63 | 18.45086 | 642080.09 |
| 4290642.63 | 14.86256   |          |           |
| 642120.09  | 4290642.63 | 12.25568 | 642160.09 |
| 4290642.63 | 10.30121   |          |           |

\*\*\* AERMOD - VERSION 24142 \*\*\*      \*\*\* C:\Lakes\AERMOD View\Baseline Road Fuel  
 Station\_TOG\Baseline Road Fu \*\*\*      08/18/25

\*\*\* AERMET - VERSION 19191 \*\*\*      \*\*\*  
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\*\*\* MODELOPTs:      RegDFAULT      CONC      ELEV      URBAN      ADJ\_U\*

\*\*\* THE PERIOD ( 43680 HRS) AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL

INCLUDING SOURCE(S):      VOL1      , VOL2  
 , VOL3      , VOL4      , VOL5      ,  
                          VOL6      , VOL7      , VOL8      , VOL9      , VOL10  
 , VOL11      , VOL12      , STCK1      ,  
                          STCK2      , VOL13      , VOL14      , VOL15      , VOL17  
 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF TOG      IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC     | X-COORD (M) |
|-------------|-------------|----------|-------------|
| Y-COORD (M) | CONC        |          |             |
| 642200.09   | 4290642.63  | 8.80091  | 642240.09   |
| 4290642.63  | 7.61417     |          |             |
| 642280.09   | 4290642.63  | 6.66199  | 642320.09   |
| 4290642.63  | 5.88577     |          |             |
| 642360.09   | 4290642.63  | 5.24391  | 642400.09   |
| 4290642.63  | 4.70659     |          |             |
| 642440.09   | 4290642.63  | 4.25190  | 642480.09   |
| 4290642.63  | 3.86346     |          |             |
| 642520.09   | 4290642.63  | 3.52859  | 642560.09   |
| 4290642.63  | 3.23760     |          |             |
| 642600.09   | 4290642.63  | 2.98182  | 641920.09   |
| 4290682.63  | 39.88407    |          |             |
| 641960.09   | 4290682.63  | 29.16025 | 642000.09   |
| 4290682.63  | 22.31331    |          |             |
| 642040.09   | 4290682.63  | 17.66734 | 642080.09   |
| 4290682.63  | 14.36328    |          |             |
| 642120.09   | 4290682.63  | 11.92646 | 642160.09   |
| 4290682.63  | 10.07868    |          |             |
| 642200.09   | 4290682.63  | 8.64560  | 642240.09   |
| 4290682.63  | 7.50313     |          |             |
| 642280.09   | 4290682.63  | 6.58140  | 642320.09   |
| 4290682.63  | 5.82632     |          |             |
| 642360.09   | 4290682.63  | 5.19953  | 642400.09   |
| 4290682.63  | 4.67299     |          |             |
| 642440.09   | 4290682.63  | 4.22619  | 642480.09   |
| 4290682.63  | 3.84355     |          |             |
| 642520.09   | 4290682.63  | 3.51313  | 642560.09   |
| 4290682.63  | 3.22552     |          |             |
| 642600.09   | 4290682.63  | 2.97270  | 641920.09   |
| 4290722.63  | 35.50945    |          |             |
| 641960.09   | 4290722.63  | 26.59847 | 642000.09   |
| 4290722.63  | 20.71611    |          |             |
| 642040.09   | 4290722.63  | 16.62931 | 642080.09   |
| 4290722.63  | 13.66854    |          |             |
| 642120.09   | 4290722.63  | 11.44964 | 642160.09   |
| 4290722.63  | 9.74601     |          |             |
| 642200.09   | 4290722.63  | 8.40808  | 642240.09   |
| 4290722.63  | 7.33091     |          |             |
| 642280.09   | 4290722.63  | 6.45430  | 642320.09   |
| 4290722.63  | 5.73136     |          |             |
| 642360.09   | 4290722.63  | 5.12763  | 642400.09   |
| 4290722.63  | 4.61803     |          |             |
| 642440.09   | 4290722.63  | 4.18385  | 642480.09   |
| 4290722.63  | 3.81064     |          |             |
| 642520.09   | 4290722.63  | 3.48732  | 642560.09   |



|            |            |          |           |
|------------|------------|----------|-----------|
| 4290722.63 | 3.20520    |          |           |
| 642600.09  | 4290722.63 | 2.95688  | 641920.09 |
| 4290762.63 | 31.52543   |          |           |
| 641960.09  | 4290762.63 | 24.10021 | 642000.09 |
| 4290762.63 | 19.06228   |          |           |
| 642040.09  | 4290762.63 | 15.49122 | 642080.09 |
| 4290762.63 | 12.86373   |          |           |
| 642120.09  | 4290762.63 | 10.87127 | 642160.09 |
| 4290762.63 | 9.32474    |          |           |
| 642200.09  | 4290762.63 | 8.09618  | 642240.09 |
| 4290762.63 | 7.09808    |          |           |
| 642280.09  | 4290762.63 | 6.27860  | 642320.09 |
| 4290762.63 | 5.59728    |          |           |
| 642360.09  | 4290762.63 | 5.02426  | 642400.09 |
| 4290762.63 | 4.53765    |          |           |
| 642440.09  | 4290762.63 | 4.12072  | 642480.09 |
| 4290762.63 | 3.76058    |          |           |
| 642520.09  | 4290762.63 | 3.44748  | 642560.09 |
| 4290762.63 | 3.17332    |          |           |
| 642600.09  | 4290762.63 | 2.93147  | 641920.09 |
| 4290802.63 | 28.05176   |          |           |
| 641960.09  | 4290802.63 | 21.84421 | 642000.09 |
| 4290802.63 | 17.52277   |          |           |
| 642040.09  | 4290802.63 | 14.39100 | 642080.09 |
| 4290802.63 | 12.05272   |          |           |
| 642120.09  | 4290802.63 | 10.26051 | 642160.09 |
| 4290802.63 | 8.85948    |          |           |
| 642200.09  | 4290802.63 | 7.73809  | 642240.09 |
| 4290802.63 | 6.82163    |          |           |
| 642280.09  | 4290802.63 | 6.06378  | 642320.09 |
| 4290802.63 | 5.42925    |          |           |
| 642360.09  | 4290802.63 | 4.89187  | 642400.09 |
| 4290802.63 | 4.43259    |          |           |
| 642440.09  | 4290802.63 | 4.03675  | 642480.09 |
| 4290802.63 | 3.69317    |          |           |

\*\*\* AERMOD - VERSION 24142 \*\*\*      \*\*\* C:\Lakes\AERMOD View\Baseline Road Fuel  
 Station\_TOG\Baseline Road Fu \*\*\*      08/18/25  
 \*\*\* AERMET - VERSION 19191 \*\*\*      \*\*\*  
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\*\*\* MODELOPTs:      RegDFAULT      CONC      ELEV      URBAN      ADJ\_U\*

\*\*\* THE PERIOD ( 43680 HRS) AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL

INCLUDING SOURCE(S):      VOL1      , VOL2  
 , VOL3      , VOL4      , VOL5      ,  
                  VOL6      , VOL7      , VOL8      , VOL9      , VOL10  
 , VOL11      , VOL12      , STCK1      ,  
                  STCK2      , VOL13      , VOL14      , VOL15      , VOL17

,

# \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

|             |             | ** CONC OF TOG | IN MICROGRAMS/M**3 |
|-------------|-------------|----------------|--------------------|
| **          |             |                |                    |
| X-COORD (M) | Y-COORD (M) | CONC           | X-COORD (M)        |
| Y-COORD (M) | CONC        |                |                    |
| -----       |             |                |                    |
| 642520.09   | 4290802.63  | 3.39297        | 642560.09          |
| 4290802.63  | 3.12899     |                |                    |
| 642600.09   | 4290802.63  | 2.89535        | 641920.09          |
| 4290842.63  | 25.07161    |                |                    |
| 641960.09   | 4290842.63  | 19.85888       | 642000.09          |
| 4290842.63  | 16.13274    |                |                    |
| 642040.09   | 4290842.63  | 13.38675       | 642080.09          |
| 4290842.63  | 11.29733    |                |                    |
| 642120.09   | 4290842.63  | 9.67232        | 642160.09          |
| 4290842.63  | 8.39615     |                |                    |
| 642200.09   | 4290842.63  | 7.36843        | 642240.09          |
| 4290842.63  | 6.52561     |                |                    |
| 642280.09   | 4290842.63  | 5.82618        | 642320.09          |
| 4290842.63  | 5.23793     |                |                    |
| 642360.09   | 4290842.63  | 4.73745        | 642400.09          |
| 4290842.63  | 4.30749     |                |                    |
| 642440.09   | 4290842.63  | 3.93501        | 642480.09          |
| 4290842.63  | 3.61005     |                |                    |
| 642520.09   | 4290842.63  | 3.32473        | 642560.09          |
| 4290842.63  | 3.07261     |                |                    |
| 642600.09   | 4290842.63  | 2.84894        | 641920.09          |
| 4290882.63  | 22.45006    |                |                    |
| 641960.09   | 4290882.63  | 18.07846       | 642000.09          |
| 4290882.63  | 14.87749    |                |                    |
| 642040.09   | 4290882.63  | 12.46706       | 642080.09          |
| 4290882.63  | 10.60776    |                |                    |
| 642120.09   | 4290882.63  | 9.14486        | 642160.09          |
| 4290882.63  | 7.96323     |                |                    |
| 642200.09   | 4290882.63  | 7.01361        | 642240.09          |
| 4290882.63  | 6.23295     |                |                    |
| 642280.09   | 4290882.63  | 5.58378        | 642320.09          |
| 4290882.63  | 5.03691     |                |                    |
| 642360.09   | 4290882.63  | 4.57070        | 642400.09          |
| 4290882.63  | 4.16924     |                |                    |
| 642440.09   | 4290882.63  | 3.82025        | 642480.09          |
| 4290882.63  | 3.51457     |                |                    |
| 642520.09   | 4290882.63  | 3.24512        | 642560.09          |
| 4290882.63  | 3.00614     |                |                    |

|            |            |           |           |
|------------|------------|-----------|-----------|
| 642600.09  | 4290882.63 | 2.79315   | 641450.64 |
| 4290754.44 | 23.79644   |           |           |
| 641490.64  | 4290754.44 | 31.89031  | 641530.64 |
| 4290754.44 | 45.15348   |           |           |
| 641570.64  | 4290754.44 | 67.42433  | 641610.64 |
| 4290754.44 | 103.98600  |           |           |
| 641650.64  | 4290754.44 | 153.27058 | 641450.64 |
| 4290794.44 | 24.62573   |           |           |
| 641490.64  | 4290794.44 | 33.03365  | 641530.64 |
| 4290794.44 | 45.98482   |           |           |
| 641570.64  | 4290794.44 | 65.34967  | 641610.64 |
| 4290794.44 | 91.04772   |           |           |
| 641650.64  | 4290794.44 | 117.24796 | 641450.64 |
| 4290834.44 | 25.24561   |           |           |
| 641490.64  | 4290834.44 | 33.39862  | 641530.64 |
| 4290834.44 | 44.90910   |           |           |
| 641570.64  | 4290834.44 | 59.98471  | 641610.64 |
| 4290834.44 | 76.81213   |           |           |
| 641650.64  | 4290834.44 | 90.58714  |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\*      \*\*\* C:\Lakes\AERMOD View\Baseline Road Fuel  
 Station\_TOG\Baseline Road Fu \*\*\*      08/18/25  
 \*\*\* AERMET - VERSION 19191 \*\*\*      \*\*\*  
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\*\*\* MODELOPTs:      RegDFAULT      CONC      ELEV      URBAN      ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: FUELING/ \*\*\*  
                                  INCLUDING SOURCE(S):      VOL1      , VOL2  
 , VOL3      , VOL4      , VOL5      ,  
                          VOL6      , VOL13      , VOL14      ,

\*\*\*      \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS  
 \*\*\*

\*\* CONC OF TOG      IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 641284.31   | 4290506.68  | 96.39336   | (16012421) | 641324.31   |
| 4290506.68  | 109.99180   | (16012421) |            |             |
| 641364.31   | 4290506.68  | 126.14732  | (14022219) | 641404.31   |
| 4290506.68  | 148.14475   | (14022219) |            |             |
| 641284.31   | 4290546.68  | 98.36832   | (14120903) | 641324.31   |
| 4290546.68  | 111.67951   | (14120717) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 641364.31  | 4290546.68 | 128.95263  | (14120717) | 641404.31 |
| 4290546.68 | 150.84279  | (14120717) |            |           |
| 641284.31  | 4290586.68 | 92.57170   | (16021202) | 641324.31 |
| 4290586.68 | 104.77555  | (16021202) |            |           |
| 641364.31  | 4290586.68 | 120.08437  | (16021202) | 641404.31 |
| 4290586.68 | 139.77787  | (18020518) |            |           |
| 641284.31  | 4290626.68 | 89.26920   | (14011303) | 641324.31 |
| 4290626.68 | 101.53391  | (15011919) |            |           |
| 641364.31  | 4290626.68 | 117.77902  | (15011919) | 641404.31 |
| 4290626.68 | 137.09665  | (15011919) |            |           |
| 641284.31  | 4290666.68 | 88.68905   | (14010721) | 641324.31 |
| 4290666.68 | 100.16903  | (16022805) |            |           |
| 641364.31  | 4290666.68 | 115.59233  | (14013020) | 641404.31 |
| 4290666.68 | 133.29901  | (14013020) |            |           |
| 641284.31  | 4290706.68 | 86.42360   | (14013020) | 641324.31 |
| 4290706.68 | 97.43980   | (17021218) |            |           |
| 641364.31  | 4290706.68 | 111.15318  | (14120908) | 641404.31 |
| 4290706.68 | 128.16633  | (18020921) |            |           |
| 641284.31  | 4290746.68 | 84.21604   | (18020921) | 641324.31 |
| 4290746.68 | 94.23148   | (18020921) |            |           |
| 641364.31  | 4290746.68 | 104.31589  | (18020104) | 641404.31 |
| 4290746.68 | 120.85400  | (17020822) |            |           |
| 641284.31  | 4290786.68 | 79.99516   | (18020104) | 641324.31 |
| 4290786.68 | 90.01726   | (17020822) |            |           |
| 641364.31  | 4290786.68 | 98.49772   | (15021802) | 641404.31 |
| 4290786.68 | 103.19395  | (15021802) |            |           |
| 641284.31  | 4290826.68 | 76.36871   | (15021802) | 641324.31 |
| 4290826.68 | 80.59961   | (15021802) |            |           |
| 641364.31  | 4290826.68 | 78.32811   | (15021802) | 641404.31 |
| 4290826.68 | 85.27169   | (17021620) |            |           |
| 641284.31  | 4290866.68 | 65.13404   | (15021802) | 641324.31 |
| 4290866.68 | 65.25217   | (17021621) |            |           |
| 641364.31  | 4290866.68 | 71.93388   | (17021620) | 641404.31 |
| 4290866.68 | 78.00533   | (18010924) |            |           |
| 641268.28  | 4290889.76 | 56.66552   | (15021802) | 641308.28 |
| 4290889.76 | 60.46414   | (15011924) |            |           |
| 641348.28  | 4290889.76 | 66.37908   | (17021620) | 641388.28 |
| 4290889.76 | 72.10135   | (18010924) |            |           |
| 641428.28  | 4290889.76 | 78.72017   | (14120505) | 641468.28 |
| 4290889.76 | 86.17513   | (16021701) |            |           |
| 641508.28  | 4290889.76 | 94.37368   | (18020218) | 641548.28 |
| 4290889.76 | 101.25719  | (18020802) |            |           |
| 641588.28  | 4290889.76 | 95.52326   | (18042320) | 641628.28 |
| 4290889.76 | 101.15424  | (18052903) |            |           |
| 642188.28  | 4290889.76 | 58.42050   | (16011624) | 642228.28 |
| 4290889.76 | 56.25266   | (16020921) |            |           |
| 642268.28  | 4290889.76 | 55.82487   | (16020921) | 642308.28 |
| 4290889.76 | 53.38505   | (15010721) |            |           |
| 642348.28  | 4290889.76 | 49.04429   | (15010721) | 642388.28 |
| 4290889.76 | 47.05780   | (16011701) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 642428.28  | 4290889.76 | 44.59097   | (16011701) | 641268.28 |
| 4290929.76 | 53.11277   | (17021620) |            |           |
| 641308.28  | 4290929.76 | 57.16427   | (15020801) | 641348.28 |
| 4290929.76 | 61.64119   | (18010924) |            |           |
| 641388.28  | 4290929.76 | 66.57049   | (14120505) | 641428.28 |
| 4290929.76 | 71.74799   | (16021701) |            |           |
| 641468.28  | 4290929.76 | 77.38932   | (18020218) | 641508.28 |
| 4290929.76 | 83.45815   | (16021024) |            |           |
| 641548.28  | 4290929.76 | 84.70734   | (14020502) | 641588.28 |
| 4290929.76 | 82.87727   | (18080523) |            |           |
| 641628.28  | 4290929.76 | 89.81282   | (17031618) | 642188.28 |
| 4290929.76 | 55.03863   | (16013022) |            |           |
| 642228.28  | 4290929.76 | 50.94467   | (18010219) | 642268.28 |
| 4290929.76 | 47.30441   | (16011624) |            |           |
| 642308.28  | 4290929.76 | 47.73993   | (16020921) | 642348.28 |
| 4290929.76 | 46.64218   | (15010721) |            |           |
| 642388.28  | 4290929.76 | 44.65067   | (15010721) | 642428.28 |
| 4290929.76 | 41.14905   | (15010721) |            |           |
| 641268.28  | 4290969.76 | 49.88730   | (15021624) | 641308.28 |
| 4290969.76 | 53.52804   | (18010924) |            |           |
| 641348.28  | 4290969.76 | 57.38124   | (14120505) | 641388.28 |
| 4290969.76 | 61.35082   | (17021219) |            |           |
| 641428.28  | 4290969.76 | 65.27463   | (16021701) | 641468.28 |
| 4290969.76 | 70.31962   | (18020218) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Baseline Road Fuel  
 Station\_TOG\Baseline Road Fu \*\*\* 08/18/25  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: FUELING/ \*\*\*

INCLUDING SOURCE(S): VOL1 , VOL2  
 , VOL3 , VOL4 , VOL5 ,  
 VOL6 , VOL13 , VOL14 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF TOG IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 641508.28   | 4290969.76  | 74.11355   | (18020802) | 641548.28   |
| 4290969.76  | 69.51404    | (18042320) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 641588.28  | 4290969.76 | 72.78787   | (15072824) | 641628.28 |
| 4290969.76 | 82.03915   | (17031618) |            |           |
| 641668.28  | 4290969.76 | 87.88424   | (17031618) | 641708.28 |
| 4290969.76 | 86.52056   | (17111516) |            |           |
| 641748.28  | 4290969.76 | 81.47427   | (14122304) | 641788.28 |
| 4290969.76 | 82.58017   | (14120401) |            |           |
| 641828.28  | 4290969.76 | 80.40643   | (18020320) | 641868.28 |
| 4290969.76 | 76.81487   | (14012619) |            |           |
| 641908.28  | 4290969.76 | 73.46211   | (14120806) | 641948.28 |
| 4290969.76 | 73.24938   | (17021519) |            |           |
| 642188.28  | 4290969.76 | 52.56285   | (16121022) | 642228.28 |
| 4290969.76 | 48.19424   | (16013022) |            |           |
| 642268.28  | 4290969.76 | 45.00698   | (17010422) | 642308.28 |
| 4290969.76 | 42.19477   | (16011624) |            |           |
| 642348.28  | 4290969.76 | 40.54522   | (16020921) | 642388.28 |
| 4290969.76 | 40.97825   | (16020921) |            |           |
| 642428.28  | 4290969.76 | 39.89836   | (15010721) | 641268.28 |
| 4291009.76 | 47.00881   | (18010924) |            |           |
| 641308.28  | 4291009.76 | 50.19201   | (14120505) | 641348.28 |
| 4291009.76 | 53.35524   | (17021219) |            |           |
| 641388.28  | 4291009.76 | 56.93777   | (16021701) | 641428.28 |
| 4291009.76 | 61.02113   | (18020218) |            |           |
| 641468.28  | 4291009.76 | 64.10071   | (18020802) | 641508.28 |
| 4291009.76 | 63.09421   | (14020502) |            |           |
| 641548.28  | 4291009.76 | 62.05310   | (18080523) | 641588.28 |
| 4291009.76 | 64.66014   | (18052903) |            |           |
| 641628.28  | 4291009.76 | 73.25429   | (17031618) | 641668.28 |
| 4291009.76 | 71.44815   | (17031618) |            |           |
| 641708.28  | 4291009.76 | 73.32408   | (17111516) | 641748.28 |
| 4291009.76 | 71.15186   | (14122304) |            |           |
| 641788.28  | 4291009.76 | 72.36913   | (14120401) | 641828.28 |
| 4291009.76 | 69.81819   | (14010818) |            |           |
| 641868.28  | 4291009.76 | 67.52011   | (17021619) | 641908.28 |
| 4291009.76 | 65.46009   | (14122319) |            |           |
| 641948.28  | 4291009.76 | 62.60694   | (14011518) | 642188.28 |
| 4291009.76 | 48.65855   | (15021919) |            |           |
| 642228.28  | 4291009.76 | 46.33789   | (16121022) | 642268.28 |
| 4291009.76 | 42.68795   | (14013104) |            |           |
| 642308.28  | 4291009.76 | 39.97777   | (17010422) | 642348.28 |
| 4291009.76 | 37.83217   | (18010219) |            |           |
| 642388.28  | 4291009.76 | 35.48141   | (16011624) | 642428.28 |
| 4291009.76 | 35.74562   | (16020921) |            |           |
| 641268.28  | 4291049.76 | 44.39544   | (14120505) | 641308.28 |
| 4291049.76 | 46.92018   | (17021219) |            |           |
| 641348.28  | 4291049.76 | 50.11946   | (16021701) | 641388.28 |
| 4291049.76 | 53.06875   | (18020218) |            |           |
| 641428.28  | 4291049.76 | 55.53123   | (16021024) | 641468.28 |
| 4291049.76 | 56.91947   | (18020802) |            |           |
| 641508.28  | 4291049.76 | 53.66789   | (18042320) | 641548.28 |
| 4291049.76 | 55.42295   | (14121005) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 641588.28  | 4291049.76 | 57.85923   | (16021702) | 641628.28 |
| 4291049.76 | 64.57872   | (17031618) |            |           |
| 641668.28  | 4291049.76 | 61.99879   | (16020818) | 641708.28 |
| 4291049.76 | 62.87546   | (17111516) |            |           |
| 641748.28  | 4291049.76 | 62.88263   | (14122304) | 641788.28 |
| 4291049.76 | 63.95087   | (14120401) |            |           |
| 641828.28  | 4291049.76 | 61.69950   | (14010818) | 641868.28 |
| 4291049.76 | 60.58131   | (18020320) |            |           |
| 641908.28  | 4291049.76 | 58.72286   | (17021521) | 641948.28 |
| 4291049.76 | 55.97887   | (14120806) |            |           |
| 642188.28  | 4291049.76 | 45.68354   | (14021018) | 642228.28 |
| 4291049.76 | 43.03360   | (15021919) |            |           |
| 642268.28  | 4291049.76 | 41.25340   | (15021919) | 642308.28 |
| 4291049.76 | 38.42417   | (14013104) |            |           |
| 642348.28  | 4291049.76 | 36.07182   | (16013022) | 642388.28 |
| 4291049.76 | 34.12457   | (18010219) |            |           |
| 642428.28  | 4291049.76 | 32.40679   | (16011624) | 641268.28 |
| 4291089.76 | 41.67125   | (17021219) |            |           |
| 641308.28  | 4291089.76 | 44.43216   | (16021701) | 641348.28 |
| 4291089.76 | 46.32329   | (18020218) |            |           |
| 641388.28  | 4291089.76 | 48.74467   | (15020718) | 641428.28 |
| 4291089.76 | 51.12951   | (18020802) |            |           |
| 641468.28  | 4291089.76 | 49.26528   | (14020502) | 641508.28 |
| 4291089.76 | 48.76139   | (14012318) |            |           |
| 641548.28  | 4291089.76 | 50.47016   | (15072824) | 641588.28 |
| 4291089.76 | 52.52393   | (15032919) |            |           |
| 641628.28  | 4291089.76 | 56.39447   | (17031618) | 641668.28 |
| 4291089.76 | 55.31492   | (16020818) |            |           |

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: FUELING/ \*\*\*

INCLUDING SOURCE(S): VOL1 , VOL2  
 , VOL3 , VOL4 , VOL5 ,  
 VOL6 , VOL13 , VOL14 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF TOG IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |

|            |            |            |            |  |           |
|------------|------------|------------|------------|--|-----------|
| -----      |            |            |            |  |           |
| -----      |            |            |            |  |           |
| 641708.28  | 4291089.76 | 55.71367   | (14091220) |  | 641748.28 |
| 4291089.76 | 56.13394   | (14122304) |            |  |           |
| 641788.28  | 4291089.76 | 57.16642   | (15021519) |  | 641828.28 |
| 4291089.76 | 55.71448   | (14012518) |            |  |           |
| 641868.28  | 4291089.76 | 55.20611   | (18020320) |  | 641908.28 |
| 4291089.76 | 52.99814   | (14012619) |            |  |           |
| 641948.28  | 4291089.76 | 51.20010   | (14120806) |  | 641988.28 |
| 4291089.76 | 49.43406   | (14011518) |            |  |           |
| 642028.28  | 4291089.76 | 51.30745   | (17021519) |  | 642068.28 |
| 4291089.76 | 50.68830   | (15021022) |            |  |           |
| 642108.28  | 4291089.76 | 48.25562   | (14013002) |  | 642148.28 |
| 4291089.76 | 44.75203   | (14013002) |            |  |           |
| 641268.28  | 4291129.76 | 39.66086   | (16021701) |  | 641308.28 |
| 4291129.76 | 40.66332   | (14020423) |            |  |           |
| 641348.28  | 4291129.76 | 43.66110   | (18020218) |  | 641388.28 |
| 4291129.76 | 45.39266   | (18020802) |            |  |           |
| 641428.28  | 4291129.76 | 45.54675   | (14020502) |  | 641468.28 |
| 4291129.76 | 43.13952   | (18042320) |            |  |           |
| 641508.28  | 4291129.76 | 44.41855   | (14121823) |  | 641548.28 |
| 4291129.76 | 46.08034   | (18052903) |            |  |           |
| 641588.28  | 4291129.76 | 47.71915   | (15032919) |  | 641628.28 |
| 4291129.76 | 48.98709   | (17031618) |            |  |           |
| 641668.28  | 4291129.76 | 49.83092   | (18062223) |  | 641708.28 |
| 4291129.76 | 50.15187   | (14091220) |            |  |           |
| 641748.28  | 4291129.76 | 50.53383   | (14122304) |  | 641788.28 |
| 4291129.76 | 51.48326   | (15021519) |            |  |           |
| 641828.28  | 4291129.76 | 50.68787   | (14012518) |  | 641868.28 |
| 4291129.76 | 50.05106   | (18020320) |            |  |           |
| 641908.28  | 4291129.76 | 47.75556   | (17021619) |  | 641948.28 |
| 4291129.76 | 46.88266   | (14122319) |            |  |           |
| 641988.28  | 4291129.76 | 44.40034   | (15011724) |  | 642028.28 |
| 4291129.76 | 44.85796   | (17021519) |            |  |           |
| 642068.28  | 4291129.76 | 46.28273   | (16121222) |  | 642108.28 |
| 4291129.76 | 44.76544   | (14120407) |            |  |           |
| 642148.28  | 4291129.76 | 43.09556   | (14013002) |  | 641374.56 |
| 4290226.75 | 102.69245  | (18020702) |            |  |           |
| 641414.56  | 4290226.75 | 111.30474  | (18020418) |  | 641454.56 |
| 4290226.75 | 119.97388  | (15021323) |            |  |           |
| 641494.56  | 4290226.75 | 130.11912  | (16010301) |  | 641534.56 |
| 4290226.75 | 140.81584  | (16022819) |            |  |           |
| 641574.56  | 4290226.75 | 147.70496  | (15010818) |  | 641614.56 |
| 4290226.75 | 157.54762  | (18010118) |            |  |           |
| 641654.56  | 4290226.75 | 164.59342  | (15021120) |  | 641694.56 |
| 4290226.75 | 167.68898  | (16022921) |            |  |           |
| 641734.56  | 4290226.75 | 170.75799  | (18010719) |  | 641774.56 |
| 4290226.75 | 165.44192  | (14051219) |            |  |           |
| 641814.56  | 4290226.75 | 157.87066  | (17122820) |  | 641854.56 |
| 4290226.75 | 152.83961  | (15020223) |            |  |           |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 641894.56  | 4290226.75 | 162.39183  | (18012817) | 641934.56 |
| 4290226.75 | 138.89168  | (15021418) |            |           |
| 641974.56  | 4290226.75 | 113.12381  | (16012520) | 642014.56 |
| 4290226.75 | 103.14988  | (14120102) |            |           |
| 642054.56  | 4290226.75 | 95.34862   | (14021320) | 642094.56 |
| 4290226.75 | 87.64926   | (15021324) |            |           |
| 642134.56  | 4290226.75 | 80.02587   | (16022123) | 642174.56 |
| 4290226.75 | 74.36178   | (16021407) |            |           |
| 642214.56  | 4290226.75 | 68.88104   | (15021204) | 642254.56 |
| 4290226.75 | 64.39211   | (18011620) |            |           |
| 642294.56  | 4290226.75 | 58.90407   | (16021022) | 642334.56 |
| 4290226.75 | 55.24448   | (18020924) |            |           |
| 642374.56  | 4290226.75 | 50.68313   | (18020924) | 642414.56 |
| 4290226.75 | 44.70465   | (18020924) |            |           |
| 642454.56  | 4290226.75 | 38.21612   | (18020924) | 642494.56 |
| 4290226.75 | 31.84706   | (18020924) |            |           |
| 642534.56  | 4290226.75 | 29.57550   | (18020123) | 642574.56 |
| 4290226.75 | 27.87292   | (18020123) |            |           |
| 642614.56  | 4290226.75 | 26.33660   | (18013122) | 641374.56 |
| 4290266.75 | 110.52499  | (15120808) |            |           |
| 641414.56  | 4290266.75 | 120.97741  | (18020702) | 641454.56 |
| 4290266.75 | 133.32452  | (18020418) |            |           |
| 641494.56  | 4290266.75 | 145.22097  | (15021323) | 641534.56 |
| 4290266.75 | 157.16321  | (14021718) |            |           |
| 641574.56  | 4290266.75 | 172.96110  | (16022819) | 641614.56 |
| 4290266.75 | 179.46600  | (16012102) |            |           |
| 641654.56  | 4290266.75 | 194.41103  | (15120619) | 641694.56 |
| 4290266.75 | 196.63700  | (16022921) |            |           |
| 641734.56  | 4290266.75 | 202.80589  | (18010719) | 641774.56 |
| 4290266.75 | 200.43008  | (14051219) |            |           |
| 641814.56  | 4290266.75 | 186.16632  | (18010318) | 641854.56 |
| 4290266.75 | 196.51106  | (18012817) |            |           |

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 Station\_TOG\Baseline Road Fu \*\*\* 08/18/25

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: FUELING/ \*\*\*

INCLUDING SOURCE(S): VOL1 , VOL2  
 , VOL3 , VOL4 , VOL5 ,  
 VOL6 , VOL13 , VOL14 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF TOG IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 641894.56   | 4290266.75  | 189.42634  | (18012817) | 641934.56   |
| 4290266.75  | 149.45833   | (16012520) |            |             |
| 641974.56   | 4290266.75  | 124.50622  | (14120102) | 642014.56   |
| 4290266.75  | 114.89109   | (14021320) |            |             |
| 642054.56   | 4290266.75  | 103.93787  | (15021324) | 642094.56   |
| 4290266.75  | 93.91243    | (16022123) |            |             |
| 642134.56   | 4290266.75  | 86.56296   | (16021407) | 642174.56   |
| 4290266.75  | 79.21324    | (15120707) |            |             |
| 642214.56   | 4290266.75  | 72.69542   | (18011620) | 642254.56   |
| 4290266.75  | 67.02462    | (18122307) |            |             |
| 642294.56   | 4290266.75  | 61.36215   | (18020924) | 642334.56   |
| 4290266.75  | 53.80023    | (18020924) |            |             |
| 642374.56   | 4290266.75  | 45.39309   | (18020924) | 642414.56   |
| 4290266.75  | 37.18598    | (18020924) |            |             |
| 642454.56   | 4290266.75  | 34.54801   | (18020123) | 642494.56   |
| 4290266.75  | 32.34482    | (18013122) |            |             |
| 642534.56   | 4290266.75  | 30.13960   | (18013122) | 642574.56   |
| 4290266.75  | 27.93655    | (17012601) |            |             |
| 642614.56   | 4290266.75  | 26.61839   | (14013001) | 641374.56   |
| 4290306.75  | 118.74279   | (14022803) |            |             |
| 641414.56   | 4290306.75  | 130.22701  | (15120808) | 641454.56   |
| 4290306.75  | 145.33265   | (18020702) |            |             |
| 641494.56   | 4290306.75  | 163.56929  | (18020418) | 641534.56   |
| 4290306.75  | 179.14447   | (15021323) |            |             |
| 641574.56   | 4290306.75  | 199.62079  | (14021718) | 641614.56   |
| 4290306.75  | 213.68864   | (18020119) |            |             |
| 641654.56   | 4290306.75  | 231.17972  | (14021719) | 641694.56   |
| 4290306.75  | 240.34498   | (14020301) |            |             |
| 641734.56   | 4290306.75  | 246.52242  | (18010719) | 641774.56   |
| 4290306.75  | 252.34322   | (14051219) |            |             |
| 641814.56   | 4290306.75  | 223.62992  | (15012720) | 641854.56   |
| 4290306.75  | 264.86591   | (18012817) |            |             |
| 641894.56   | 4290306.75  | 201.98411  | (18012817) | 641934.56   |
| 4290306.75  | 153.60044   | (14022106) |            |             |
| 641974.56   | 4290306.75  | 141.88846  | (14021320) | 642014.56   |
| 4290306.75  | 126.22366   | (15021324) |            |             |
| 642054.56   | 4290306.75  | 112.06361  | (18120403) | 642094.56   |
| 4290306.75  | 101.70888   | (16121403) |            |             |
| 642134.56   | 4290306.75  | 98.79265   | (17013017) | 642174.56   |
| 4290306.75  | 83.89958    | (18122307) |            |             |
| 642214.56   | 4290306.75  | 76.37978   | (18020924) | 642254.56   |
| 4290306.75  | 66.39313    | (18020924) |            |             |
| 642294.56   | 4290306.75  | 55.12674   | (18020924) | 642334.56   |
| 4290306.75  | 44.22231    | (18020924) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 642374.56  | 4290306.75 | 40.98650   | (18020123) | 642414.56 |
| 4290306.75 | 37.96803   | (18013122) |            |           |
| 642454.56  | 4290306.75 | 34.81853   | (17012601) | 642494.56 |
| 4290306.75 | 32.69860   | (14013001) |            |           |
| 642534.56  | 4290306.75 | 31.04547   | (14013001) | 642574.56 |
| 4290306.75 | 29.35697   | (14012924) |            |           |
| 642614.56  | 4290306.75 | 30.14465   | (14012924) | 641374.56 |
| 4290346.75 | 127.76971  | (14120218) |            |           |
| 641414.56  | 4290346.75 | 141.26986  | (14012224) | 641454.56 |
| 4290346.75 | 156.31694  | (14022803) |            |           |
| 641494.56  | 4290346.75 | 181.23486  | (14022218) | 641534.56 |
| 4290346.75 | 207.44612  | (18020418) |            |           |
| 641574.56  | 4290346.75 | 230.19104  | (18121506) | 641614.56 |
| 4290346.75 | 261.06864  | (16022819) |            |           |
| 641654.56  | 4290346.75 | 281.51842  | (18010118) | 641694.56 |
| 4290346.75 | 299.27595  | (18121517) |            |           |
| 641734.56  | 4290346.75 | 309.08600  | (14022124) | 641774.56 |
| 4290346.75 | 320.63948  | (14051219) |            |           |
| 641814.56  | 4290346.75 | 321.05092  | (18012817) | 641854.56 |
| 4290346.75 | 333.54742  | (18012817) |            |           |
| 641894.56  | 4290346.75 | 208.62697  | (16012520) | 641934.56 |
| 4290346.75 | 181.70099  | (17013117) |            |           |
| 641974.56  | 4290346.75 | 158.07570  | (15021324) | 642014.56 |
| 4290346.75 | 138.05430  | (15010820) |            |           |
| 642054.56  | 4290346.75 | 137.28110  | (17013017) | 642094.56 |
| 4290346.75 | 119.70743  | (17013017) |            |           |
| 642134.56  | 4290346.75 | 98.40899   | (18020924) | 642174.56 |
| 4290346.75 | 84.81958   | (18020924) |            |           |
| 642214.56  | 4290346.75 | 68.92846   | (18020924) | 642254.56 |
| 4290346.75 | 54.39988   | (18020123) |            |           |
| 642294.56  | 4290346.75 | 49.84692   | (18013122) | 642334.56 |
| 4290346.75 | 45.32417   | (18013122) |            |           |
| 642374.56  | 4290346.75 | 41.55949   | (14013001) | 642414.56 |
| 4290346.75 | 39.06038   | (14013001) |            |           |
| 642454.56  | 4290346.75 | 36.61051   | (14012924) | 642494.56 |
| 4290346.75 | 34.17053   | (14012924) |            |           |

\*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Baseline Road Fuel  
 Station\_TOG\Baseline Road Fu \*\*\* 08/18/25

\*\*\* AERMET - VERSION 19191 \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: FUELING/ \*\*\*

INCLUDING SOURCE(S): VOL1 , VOL2  
 , VOL3 , VOL4 , VOL5 ,  
 VOL6 , VOL13 , VOL14 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

|             |             | ** CONC OF TOG |            | IN MICROGRAMS/M**3 |  |
|-------------|-------------|----------------|------------|--------------------|--|
|             |             | **             |            |                    |  |
| X-COORD (M) | Y-COORD (M) | CONC           | (YYMMDDHH) | X-COORD (M)        |  |
| Y-COORD (M) | CONC        | (YYMMDDHH)     |            |                    |  |
| -----       |             |                |            |                    |  |
| -----       |             |                |            |                    |  |
| 642534.56   | 4290346.75  | 31.64647       | (14012924) | 642574.56          |  |
| 4290346.75  | 29.46798    | (18011619)     |            |                    |  |
| 642614.56   | 4290346.75  | 31.70442       | (17021401) | 641374.56          |  |
| 4290386.75  | 117.45285   | (14120218)     |            |                    |  |
| 641414.56   | 4290386.75  | 150.83719      | (14120218) | 641454.56          |  |
| 4290386.75  | 175.19661   | (14020619)     |            |                    |  |
| 641494.56   | 4290386.75  | 200.09407      | (14022803) | 641534.56          |  |
| 4290386.75  | 233.87268   | (14022218)     |            |                    |  |
| 641574.56   | 4290386.75  | 274.89664      | (18020418) | 641614.56          |  |
| 4290386.75  | 309.42282   | (16010301)     |            |                    |  |
| 641654.56   | 4290386.75  | 352.63769      | (18020119) | 641694.56          |  |
| 4290386.75  | 388.84862   | (15120619)     |            |                    |  |
| 641734.56   | 4290386.75  | 416.88449      | (18052819) | 641774.56          |  |
| 4290386.75  | 411.66287   | (14051219)     |            |                    |  |
| 641814.56   | 4290386.75  | 507.60333      | (18012817) | 641854.56          |  |
| 4290386.75  | 364.67669   | (18012817)     |            |                    |  |
| 641894.56   | 4290386.75  | 255.19310      | (17013117) | 641934.56          |  |
| 4290386.75  | 205.95095   | (15021324)     |            |                    |  |
| 641974.56   | 4290386.75  | 180.97589      | (17013017) | 642014.56          |  |
| 4290386.75  | 187.84816   | (17013017)     |            |                    |  |
| 642054.56   | 4290386.75  | 137.14205      | (17013017) | 642094.56          |  |
| 4290386.75  | 113.79024   | (18020924)     |            |                    |  |
| 642134.56   | 4290386.75  | 89.69521       | (18020924) | 642174.56          |  |
| 4290386.75  | 69.64370    | (18020123)     |            |                    |  |
| 642214.56   | 4290386.75  | 62.41395       | (18013122) | 642254.56          |  |
| 4290386.75  | 55.62642    | (15011420)     |            |                    |  |
| 642294.56   | 4290386.75  | 51.50996       | (14013001) | 642334.56          |  |
| 4290386.75  | 47.56248    | (14012924)     |            |                    |  |
| 642374.56   | 4290386.75  | 43.58326       | (14012924) | 642414.56          |  |
| 4290386.75  | 39.73483    | (17021401)     |            |                    |  |
| 642454.56   | 4290386.75  | 37.08110       | (18011619) | 642494.56          |  |
| 4290386.75  | 34.57336    | (18011619)     |            |                    |  |
| 642534.56   | 4290386.75  | 32.39422       | (15020222) | 642574.56          |  |
| 4290386.75  | 30.26716    | (15020222)     |            |                    |  |
| 642614.56   | 4290386.75  | 28.20786       | (15020222) | 641374.56          |  |
| 4290426.75  | 121.59127   | (14120420)     |            |                    |  |
| 641414.56   | 4290426.75  | 140.00298      | (18033018) | 641454.56          |  |
| 4290426.75  | 167.74481   | (14120218)     |            |                    |  |
| 641494.56   | 4290426.75  | 220.88431      | (14120218) | 641534.56          |  |
| 4290426.75  | 260.45369   | (14022803)     |            |                    |  |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 641574.56  | 4290426.75 | 319.44034  | (14022218) | 641614.56 |
| 4290426.75 | 390.71499  | (18020418) |            |           |
| 641654.56  | 4290426.75 | 459.91480  | (16022819) | 641694.56 |
| 4290426.75 | 528.27613  | (14021719) |            |           |
| 641734.56  | 4290426.75 | 618.55705  | (18052819) | 641774.56 |
| 4290426.75 | 561.70990  | (18012817) |            |           |
| 641814.56  | 4290426.75 | 741.01764  | (18012817) | 641854.56 |
| 4290426.75 | 375.60762  | (17013117) |            |           |
| 641894.56  | 4290426.75 | 289.71352  | (17013117) | 641934.56 |
| 4290426.75 | 298.32697  | (17013017) |            |           |
| 641974.56  | 4290426.75 | 248.40169  | (17013017) | 642014.56 |
| 4290426.75 | 163.72391  | (18020924) |            |           |
| 642054.56  | 4290426.75 | 123.75958  | (18020924) | 642094.56 |
| 4290426.75 | 93.53128   | (18013122) |            |           |
| 642134.56  | 4290426.75 | 80.74265   | (18013122) | 642174.56 |
| 4290426.75 | 72.63815   | (14013001) |            |           |
| 642214.56  | 4290426.75 | 65.53348   | (14012924) | 642254.56 |
| 4290426.75 | 58.44984   | (14012924) |            |           |
| 642294.56  | 4290426.75 | 52.95301   | (18011619) | 642334.56 |
| 4290426.75 | 48.38366   | (15020222) |            |           |
| 642374.56  | 4290426.75 | 44.48765   | (15020222) | 642414.56 |
| 4290426.75 | 40.74298   | (15020222) |            |           |
| 642454.56  | 4290426.75 | 37.25301   | (15020222) | 642494.56 |
| 4290426.75 | 34.55692   | (18120621) |            |           |
| 642534.56  | 4290426.75 | 32.38601   | (18120621) | 642574.56 |
| 4290426.75 | 30.30170   | (18120621) |            |           |
| 642614.56  | 4290426.75 | 28.35294   | (18120621) | 641374.56 |
| 4290466.75 | 125.93798  | (15121122) |            |           |
| 641414.56  | 4290466.75 | 146.52032  | (18020818) | 641454.56 |
| 4290466.75 | 172.07731  | (17122617) |            |           |
| 641494.56  | 4290466.75 | 229.67454  | (18033018) | 641534.56 |
| 4290466.75 | 269.73778  | (18033018) |            |           |
| 641574.56  | 4290466.75 | 368.29640  | (14120218) | 641614.56 |
| 4290466.75 | 467.61571  | (15120808) |            |           |
| 641654.56  | 4290466.75 | 613.34160  | (18020418) | 641694.56 |
| 4290466.75 | 820.01107  | (14032018) |            |           |
| 641734.56  | 4290466.75 | 1020.72366 | (18052819) | 641774.56 |
| 4290466.75 | 1293.02005 | (18012817) |            |           |
| 641814.56  | 4290466.75 | 840.72768  | (18012817) | 641854.56 |
| 4290466.75 | 493.70906  | (17013117) |            |           |

\*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Baseline Road Fuel  
 Station\_TOG\Baseline Road Fu \*\*\* 08/18/25

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: FUELING/ \*\*\*

INCLUDING SOURCE(S): VOL1 , VOL2  
 , VOL3 , VOL4 , VOL5 ,  
 VOL6 , VOL13 , VOL14 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF TOG IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 641894.56   | 4290466.75  | 500.44117  | (17013017) | 641934.56   |
| 4290466.75  | 293.52691   | (17013017) |            |             |
| 641974.56   | 4290466.75  | 186.53519  | (18020924) | 642014.56   |
| 4290466.75  | 140.87821   | (15011516) |            |             |
| 642054.56   | 4290466.75  | 125.17791  | (15011516) | 642094.56   |
| 4290466.75  | 103.57970   | (15011516) |            |             |
| 642134.56   | 4290466.75  | 85.40211   | (18011619) | 642174.56   |
| 4290466.75  | 75.45570    | (15020222) |            |             |
| 642214.56   | 4290466.75  | 67.06918   | (15020222) | 642254.56   |
| 4290466.75  | 59.43251    | (15020222) |            |             |
| 642294.56   | 4290466.75  | 53.52032   | (18120621) | 642334.56   |
| 4290466.75  | 48.82528    | (18120621) |            |             |
| 642374.56   | 4290466.75  | 44.53546   | (18120621) | 642414.56   |
| 4290466.75  | 40.64526    | (18120621) |            |             |
| 642454.56   | 4290466.75  | 37.90533   | (14120819) | 642494.56   |
| 4290466.75  | 35.41735    | (14120819) |            |             |
| 642534.56   | 4290466.75  | 33.13729   | (14120819) | 642574.56   |
| 4290466.75  | 31.02627    | (14120819) |            |             |
| 642614.56   | 4290466.75  | 29.09870   | (14120819) | 641920.09   |
| 4290522.63  | 351.85335   | (15011516) |            |             |
| 641960.09   | 4290522.63  | 226.14055  | (15011516) | 642000.09   |
| 4290522.63  | 156.18117   | (18120621) |            |             |
| 642040.09   | 4290522.63  | 128.25012  | (18120621) | 642080.09   |
| 4290522.63  | 109.16262   | (14120819) |            |             |
| 642120.09   | 4290522.63  | 94.05282   | (14120819) | 642160.09   |
| 4290522.63  | 81.76871    | (14120819) |            |             |
| 642200.09   | 4290522.63  | 71.70009   | (14120819) | 642240.09   |
| 4290522.63  | 63.35601    | (14120819) |            |             |
| 642280.09   | 4290522.63  | 56.55912   | (15121617) | 642320.09   |
| 4290522.63  | 51.18003    | (15121617) |            |             |
| 642360.09   | 4290522.63  | 46.61745   | (16020422) | 642400.09   |
| 4290522.63  | 42.95768    | (18022719) |            |             |
| 642440.09   | 4290522.63  | 40.05097   | (18022719) | 642480.09   |
| 4290522.63  | 37.47502    | (18022719) |            |             |
| 642520.09   | 4290522.63  | 35.16708   | (18022719) | 642560.09   |
| 4290522.63  | 33.09196    | (18022719) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 642600.09  | 4290522.63 | 31.21733   | (18022719) | 641920.09 |
| 4290562.63 | 316.32331  | (18022719) |            |           |
| 641960.09  | 4290562.63 | 240.43592  | (18022719) | 642000.09 |
| 4290562.63 | 191.09395  | (18022719) |            |           |
| 642040.09  | 4290562.63 | 156.86617  | (18022719) | 642080.09 |
| 4290562.63 | 131.93811  | (18022719) |            |           |
| 642120.09  | 4290562.63 | 113.10159  | (18022719) | 642160.09 |
| 4290562.63 | 98.42620   | (18022719) |            |           |
| 642200.09  | 4290562.63 | 86.77982   | (18022719) | 642240.09 |
| 4290562.63 | 77.28822   | (18022719) |            |           |
| 642280.09  | 4290562.63 | 69.44375   | (18022719) | 642320.09 |
| 4290562.63 | 62.86989   | (18022719) |            |           |
| 642360.09  | 4290562.63 | 57.29250   | (18022719) | 642400.09 |
| 4290562.63 | 52.51061   | (18022719) |            |           |
| 642440.09  | 4290562.63 | 48.37156   | (18022719) | 642480.09 |
| 4290562.63 | 44.76416   | (18022719) |            |           |
| 642520.09  | 4290562.63 | 41.59467   | (18022719) | 642560.09 |
| 4290562.63 | 38.78647   | (18022719) |            |           |
| 642600.09  | 4290562.63 | 36.27988   | (18022719) | 641920.09 |
| 4290602.63 | 327.51083  | (15032618) |            |           |
| 641960.09  | 4290602.63 | 250.13331  | (16021319) | 642000.09 |
| 4290602.63 | 198.04729  | (16021319) |            |           |
| 642040.09  | 4290602.63 | 160.30280  | (16021319) | 642080.09 |
| 4290602.63 | 134.39684  | (14120824) |            |           |
| 642120.09  | 4290602.63 | 115.21339  | (14120824) | 642160.09 |
| 4290602.63 | 99.99557   | (14120824) |            |           |
| 642200.09  | 4290602.63 | 87.75272   | (14120824) | 642240.09 |
| 4290602.63 | 77.94275   | (16011023) |            |           |
| 642280.09  | 4290602.63 | 70.18165   | (16012522) | 642320.09 |
| 4290602.63 | 63.76440   | (16012522) |            |           |
| 642360.09  | 4290602.63 | 58.26720   | (16012522) | 642400.09 |
| 4290602.63 | 53.51574   | (16012522) |            |           |
| 642440.09  | 4290602.63 | 49.37731   | (16012522) | 642480.09 |
| 4290602.63 | 45.74589   | (16012522) |            |           |
| 642520.09  | 4290602.63 | 42.53915   | (16012522) | 642560.09 |
| 4290602.63 | 39.68774   | (16012522) |            |           |
| 642600.09  | 4290602.63 | 37.11400   | (16012522) | 641920.09 |
| 4290642.63 | 297.68731  | (14120720) |            |           |
| 641960.09  | 4290642.63 | 229.63826  | (14013003) | 642000.09 |
| 4290642.63 | 188.99371  | (14013003) |            |           |
| 642040.09  | 4290642.63 | 153.92098  | (18010417) | 642080.09 |
| 4290642.63 | 130.45581  | (17123120) |            |           |
| 642120.09  | 4290642.63 | 112.94058  | (14013008) | 642160.09 |
| 4290642.63 | 98.88509   | (14013008) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Baseline Road Fuel  
 Station\_TOG\Baseline Road Fu \*\*\* 08/18/25  
 \*\*\* AERMET - VERSION 19191 \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: FUELING/ \*\*\*

INCLUDING SOURCE(S): VOL1 , VOL2  
, VOL3 , VOL4 , VOL5 ,  
VOL6 , VOL13 , VOL14 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF TOG IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 642200.09   | 4290642.63  | 88.55296   | (16021319) | 642240.09   |
| 4290642.63  | 79.40779    | (16021319) |            |             |
| 642280.09   | 4290642.63  | 71.38192   | (16021319) | 642320.09   |
| 4290642.63  | 64.35557    | (16021319) |            |             |
| 642360.09   | 4290642.63  | 58.20238   | (16021319) | 642400.09   |
| 4290642.63  | 52.80505    | (16021319) |            |             |
| 642440.09   | 4290642.63  | 48.63350   | (14120824) | 642480.09   |
| 4290642.63  | 45.19662    | (14120824) |            |             |
| 642520.09   | 4290642.63  | 42.09745   | (14120824) | 642560.09   |
| 4290642.63  | 39.29557    | (14120824) |            |             |
| 642600.09   | 4290642.63  | 36.74246   | (14120824) | 641920.09   |
| 4290682.63  | 254.79120   | (16021917) |            |             |
| 641960.09   | 4290682.63  | 209.79225  | (16011701) | 642000.09   |
| 4290682.63  | 175.65683   | (18010422) |            |             |
| 642040.09   | 4290682.63  | 148.02418  | (14120720) | 642080.09   |
| 4290682.63  | 124.00937   | (16121108) |            |             |
| 642120.09   | 4290682.63  | 110.34145  | (14013003) | 642160.09   |
| 4290682.63  | 96.41643    | (14013003) |            |             |
| 642200.09   | 4290682.63  | 84.47158   | (18010417) | 642240.09   |
| 4290682.63  | 75.60491    | (17123120) |            |             |
| 642280.09   | 4290682.63  | 68.37783   | (17123120) | 642320.09   |
| 4290682.63  | 62.25966    | (14013008) |            |             |
| 642360.09   | 4290682.63  | 57.24821   | (14013008) | 642400.09   |
| 4290682.63  | 52.56161    | (14013008) |            |             |
| 642440.09   | 4290682.63  | 48.96596   | (16021319) | 642480.09   |
| 4290682.63  | 45.70647    | (16021319) |            |             |
| 642520.09   | 4290682.63  | 42.65712   | (16021319) | 642560.09   |
| 4290682.63  | 39.81842    | (16021319) |            |             |
| 642600.09   | 4290682.63  | 37.17565   | (16021319) | 641920.09   |
| 4290722.63  | 195.00177   | (16121022) |            |             |
| 641960.09   | 4290722.63  | 173.94807  | (16021917) | 642000.09   |
| 4290722.63  | 155.89670   | (15010721) |            |             |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 642040.09  | 4290722.63 | 135.96334  | (16011701) | 642080.09 |
| 4290722.63 | 120.02231  | (16011701) |            |           |
| 642120.09  | 4290722.63 | 104.62393  | (14120720) | 642160.09 |
| 4290722.63 | 92.42285   | (14120720) |            |           |
| 642200.09  | 4290722.63 | 81.22819   | (16121108) | 642240.09 |
| 4290722.63 | 74.56059   | (14013003) |            |           |
| 642280.09  | 4290722.63 | 67.93005   | (14013003) | 642320.09 |
| 4290722.63 | 61.14567   | (14013003) |            |           |
| 642360.09  | 4290722.63 | 55.59490   | (18010417) | 642400.09 |
| 4290722.63 | 50.92746   | (17123120) |            |           |
| 642440.09  | 4290722.63 | 47.44008   | (17123120) | 642480.09 |
| 4290722.63 | 44.00933   | (17123120) |            |           |
| 642520.09  | 4290722.63 | 41.00791   | (14013008) | 642560.09 |
| 4290722.63 | 38.61114   | (14013008) |            |           |
| 642600.09  | 4290722.63 | 36.27616   | (14013008) | 641920.09 |
| 4290762.63 | 166.03885  | (14021018) |            |           |
| 641960.09  | 4290762.63 | 144.80869  | (16121022) | 642000.09 |
| 4290762.63 | 123.51184  | (17010422) |            |           |
| 642040.09  | 4290762.63 | 117.00682  | (16020921) | 642080.09 |
| 4290762.63 | 109.26443  | (15010721) |            |           |
| 642120.09  | 4290762.63 | 97.63464   | (16011701) | 642160.09 |
| 4290762.63 | 89.10888   | (16011701) |            |           |
| 642200.09  | 4290762.63 | 79.28110   | (16021218) | 642240.09 |
| 4290762.63 | 72.20189   | (14120720) |            |           |
| 642280.09  | 4290762.63 | 64.77633   | (14120720) | 642320.09 |
| 4290762.63 | 58.71476   | (16121108) |            |           |
| 642360.09  | 4290762.63 | 54.74766   | (14013003) | 642400.09 |
| 4290762.63 | 51.14114   | (14013003) |            |           |
| 642440.09  | 4290762.63 | 47.25294   | (14013003) | 642480.09 |
| 4290762.63 | 43.30040   | (14013003) |            |           |
| 642520.09  | 4290762.63 | 40.31754   | (18010417) | 642560.09 |
| 4290762.63 | 37.50751   | (18010417) |            |           |
| 642600.09  | 4290762.63 | 35.40125   | (17123120) | 641920.09 |
| 4290802.63 | 142.69237  | (14013002) |            |           |
| 641960.09  | 4290802.63 | 126.37255  | (14021018) | 642000.09 |
| 4290802.63 | 112.95776  | (16121022) |            |           |
| 642040.09  | 4290802.63 | 98.17427   | (16013022) | 642080.09 |
| 4290802.63 | 88.08210   | (16020921) |            |           |
| 642120.09  | 4290802.63 | 87.96594   | (16020921) | 642160.09 |
| 4290802.63 | 82.04276   | (15010721) |            |           |
| 642200.09  | 4290802.63 | 74.71889   | (16011701) | 642240.09 |
| 4290802.63 | 69.64975   | (16011701) |            |           |
| 642280.09  | 4290802.63 | 63.15818   | (18010422) | 642320.09 |
| 4290802.63 | 57.89771   | (14120720) |            |           |
| 642360.09  | 4290802.63 | 53.62259   | (14120720) | 642400.09 |
| 4290802.63 | 48.67169   | (16121108) |            |           |
| 642440.09  | 4290802.63 | 45.12785   | (16121108) | 642480.09 |
| 4290802.63 | 42.43237   | (14013003) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Baseline Road Fuel  
 Station\_TOG\Baseline Road Fu \*\*\* 08/18/25

\*\*\* AERMET - VERSION 19191 \*\*\*  
\*\*\* 13:19:08

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: FUELING/ \*\*\*  
INCLUDING SOURCE(S): VOL1 , VOL2  
, VOL3 , VOL4 , VOL5 ,  
VOL6 , VOL13 , VOL14 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS  
\*\*\*

|             |             | ** CONC OF TOG |            | IN MICROGRAMS/M**3 |  |  |  |
|-------------|-------------|----------------|------------|--------------------|--|--|--|
| **          |             |                |            |                    |  |  |  |
| X-COORD (M) | Y-COORD (M) | CONC           | (YYMMDDHH) |                    |  |  |  |
| Y-COORD (M) | CONC        | (YYMMDDHH)     |            |                    |  |  |  |
| -----       |             |                |            |                    |  |  |  |
| 642520.09   | 4290802.63  | 40.28857       | (14013003) | 642560.09          |  |  |  |
| 4290802.63  | 37.88413    | (14013003)     |            |                    |  |  |  |
| 642600.09   | 4290802.63  | 35.34520       | (14013003) | 641920.09          |  |  |  |
| 4290842.63  | 123.34419   | (14120407)     |            |                    |  |  |  |
| 641960.09   | 4290842.63  | 110.83746      | (17021520) | 642000.09          |  |  |  |
| 4290842.63  | 100.55936   | (14021018)     |            |                    |  |  |  |
| 642040.09   | 4290842.63  | 91.47594       | (15021919) | 642080.09          |  |  |  |
| 4290842.63  | 81.26205    | (16013022)     |            |                    |  |  |  |
| 642120.09   | 4290842.63  | 73.47757       | (18010219) | 642160.09          |  |  |  |
| 4290842.63  | 70.99613    | (16020921)     |            |                    |  |  |  |
| 642200.09   | 4290842.63  | 69.09107       | (15010721) | 642240.09          |  |  |  |
| 4290842.63  | 64.54387    | (15010721)     |            |                    |  |  |  |
| 642280.09   | 4290842.63  | 59.66396       | (16011701) | 642320.09          |  |  |  |
| 4290842.63  | 56.44079    | (16011701)     |            |                    |  |  |  |
| 642360.09   | 4290842.63  | 51.98585       | (18010422) | 642400.09          |  |  |  |
| 4290842.63  | 47.88129    | (16021218)     |            |                    |  |  |  |
| 642440.09   | 4290842.63  | 44.99613       | (14120720) | 642480.09          |  |  |  |
| 4290842.63  | 41.84164    | (14120720)     |            |                    |  |  |  |
| 642520.09   | 4290842.63  | 38.61680       | (16121108) | 642560.09          |  |  |  |
| 4290842.63  | 36.16070    | (16121108)     |            |                    |  |  |  |
| 642600.09   | 4290842.63  | 34.14906       | (14013003) | 641920.09          |  |  |  |
| 4290882.63  | 105.18845   | (16121222)     |            |                    |  |  |  |
| 641960.09   | 4290882.63  | 98.70332       | (14013002) | 642000.09          |  |  |  |
| 4290882.63  | 90.51654    | (17021520)     |            |                    |  |  |  |
| 642040.09   | 4290882.63  | 82.59315       | (14021018) | 642080.09          |  |  |  |
| 4290882.63  | 76.19786    | (15021919)     |            |                    |  |  |  |
| 642120.09   | 4290882.63  | 68.37707       | (16013022) | 642160.09          |  |  |  |
| 4290882.63  | 62.65677    | (17010422)     |            |                    |  |  |  |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 642200.09  | 4290882.63 | 57.52513   | (16011624) | 642240.09 |
| 4290882.63 | 58.29805   | (16020921) |            |           |
| 642280.09  | 4290882.63 | 56.29150   | (15010721) | 642320.09 |
| 4290882.63 | 52.50602   | (15010721) |            |           |
| 642360.09  | 4290882.63 | 49.14413   | (16011701) | 642400.09 |
| 4290882.63 | 46.99027   | (16011701) |            |           |
| 642440.09  | 4290882.63 | 43.74248   | (18010422) | 642480.09 |
| 4290882.63 | 40.71404   | (16021218) |            |           |
| 642520.09  | 4290882.63 | 38.24155   | (14120720) | 642560.09 |
| 4290882.63 | 36.22962   | (14120720) |            |           |
| 642600.09  | 4290882.63 | 33.81829   | (14120720) | 641450.64 |
| 4290754.44 | 129.82545  | (15021802) |            |           |
| 641490.64  | 4290754.44 | 137.39912  | (15011116) | 641530.64 |
| 4290754.44 | 150.72959  | (15021624) |            |           |
| 641570.64  | 4290754.44 | 174.95049  | (14121223) | 641610.64 |
| 4290754.44 | 206.51244  | (18020218) |            |           |
| 641650.64  | 4290754.44 | 215.57191  | (14020502) | 641450.64 |
| 4290794.44 | 104.52913  | (17021620) |            |           |
| 641490.64  | 4290794.44 | 117.28440  | (18010924) | 641530.64 |
| 4290794.44 | 132.55986  | (14121223) |            |           |
| 641570.64  | 4290794.44 | 150.16291  | (18020218) | 641610.64 |
| 4290794.44 | 167.58678  | (18020802) |            |           |
| 641650.64  | 4290794.44 | 168.95231  | (18102717) | 641450.64 |
| 4290834.44 | 94.49882   | (18010924) |            |           |
| 641490.64  | 4290834.44 | 104.66245  | (14121223) | 641530.64 |
| 4290834.44 | 116.92893  | (16021701) |            |           |
| 641570.64  | 4290834.44 | 128.87941  | (16021024) | 641610.64 |
| 4290834.44 | 127.90015  | (14020502) |            |           |
| 641650.64  | 4290834.44 | 142.65877  | (17031618) |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\*      \*\*\* C:\Lakes\AERMOD View\Baseline Road Fuel  
 Station\_TOG\Baseline Road Fu \*\*\*      08/18/25  
 \*\*\* AERMET - VERSION 19191 \*\*\*      \*\*\*  
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\*\*\* MODELOPTs:      RegDFault    CONC    ELEV    URBAN    ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: SPILL \*\*\*  
                                  INCLUDING SOURCE(S):      VOL7      , VOL8  
                                  , VOL9      , VOL10      , VOL11      ,  
                                  VOL12      , VOL15      , VOL17      ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF TOG      IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 641284.31   | 4290506.68  | 96.38029   | (16012421) | 641324.31   |
| 4290506.68  | 109.98503   | (16012421) |            |             |
| 641364.31   | 4290506.68  | 126.12432  | (14022219) | 641404.31   |
| 4290506.68  | 148.13548   | (14022219) |            |             |
| 641284.31   | 4290546.68  | 98.36442   | (14120903) | 641324.31   |
| 4290546.68  | 111.66672   | (14120717) |            |             |
| 641364.31   | 4290546.68  | 128.94190  | (14120717) | 641404.31   |
| 4290546.68  | 150.83662   | (14120717) |            |             |
| 641284.31   | 4290586.68  | 92.54071   | (16021202) | 641324.31   |
| 4290586.68  | 104.73716   | (16021202) |            |             |
| 641364.31   | 4290586.68  | 120.03571  | (16021202) | 641404.31   |
| 4290586.68  | 139.75883   | (18020518) |            |             |
| 641284.31   | 4290626.68  | 89.25660   | (14011303) | 641324.31   |
| 4290626.68  | 101.53921   | (15011919) |            |             |
| 641364.31   | 4290626.68  | 117.77657  | (15011919) | 641404.31   |
| 4290626.68  | 137.08078   | (15011919) |            |             |
| 641284.31   | 4290666.68  | 88.68422   | (14010721) | 641324.31   |
| 4290666.68  | 100.16221   | (16022805) |            |             |
| 641364.31   | 4290666.68  | 115.58994  | (14013020) | 641404.31   |
| 4290666.68  | 133.27744   | (14013020) |            |             |
| 641284.31   | 4290706.68  | 86.40727   | (14013020) | 641324.31   |
| 4290706.68  | 97.43177    | (17021218) |            |             |
| 641364.31   | 4290706.68  | 111.14496  | (14120908) | 641404.31   |
| 4290706.68  | 128.15431   | (18020921) |            |             |
| 641284.31   | 4290746.68  | 84.21499   | (18020921) | 641324.31   |
| 4290746.68  | 94.21794    | (18020921) |            |             |
| 641364.31   | 4290746.68  | 104.31296  | (18020104) | 641404.31   |
| 4290746.68  | 120.83699   | (17020822) |            |             |
| 641284.31   | 4290786.68  | 79.99220   | (18020104) | 641324.31   |
| 4290786.68  | 90.00727    | (17020822) |            |             |
| 641364.31   | 4290786.68  | 98.48338   | (15021802) | 641404.31   |
| 4290786.68  | 103.15973   | (15021802) |            |             |
| 641284.31   | 4290826.68  | 76.36122   | (15021802) | 641324.31   |
| 4290826.68  | 80.58053    | (15021802) |            |             |
| 641364.31   | 4290826.68  | 78.29685   | (15021802) | 641404.31   |
| 4290826.68  | 85.26423    | (17021620) |            |             |
| 641284.31   | 4290866.68  | 65.11449   | (15021802) | 641324.31   |
| 4290866.68  | 65.24460    | (17021621) |            |             |
| 641364.31   | 4290866.68  | 71.92561   | (17021620) | 641404.31   |
| 4290866.68  | 77.99779    | (18010924) |            |             |
| 641268.28   | 4290889.76  | 56.64570   | (15021802) | 641308.28   |
| 4290889.76  | 60.45728    | (15011924) |            |             |
| 641348.28   | 4290889.76  | 66.36931   | (17021620) | 641388.28   |
| 4290889.76  | 72.09267    | (18010924) |            |             |
| 641428.28   | 4290889.76  | 78.70880   | (14120505) | 641468.28   |
| 4290889.76  | 86.16425    | (16021701) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 641508.28  | 4290889.76 | 94.35940   | (18020218) | 641548.28 |
| 4290889.76 | 101.23879  | (18020802) |            |           |
| 641588.28  | 4290889.76 | 95.50411   | (18042320) | 641628.28 |
| 4290889.76 | 101.13268  | (18052903) |            |           |
| 642188.28  | 4290889.76 | 58.41592   | (16011624) | 642228.28 |
| 4290889.76 | 56.23441   | (16020921) |            |           |
| 642268.28  | 4290889.76 | 55.81775   | (16020921) | 642308.28 |
| 4290889.76 | 53.38259   | (15010721) |            |           |
| 642348.28  | 4290889.76 | 49.04914   | (15010721) | 642388.28 |
| 4290889.76 | 47.05268   | (16011701) |            |           |
| 642428.28  | 4290889.76 | 44.59121   | (16011701) | 641268.28 |
| 4290929.76 | 53.10954   | (17021620) |            |           |
| 641308.28  | 4290929.76 | 57.15730   | (15020801) | 641348.28 |
| 4290929.76 | 61.63380   | (18010924) |            |           |
| 641388.28  | 4290929.76 | 66.56187   | (14120505) | 641428.28 |
| 4290929.76 | 71.74091   | (16021701) |            |           |
| 641468.28  | 4290929.76 | 77.38070   | (18020218) | 641508.28 |
| 4290929.76 | 83.44571   | (16021024) |            |           |
| 641548.28  | 4290929.76 | 84.69126   | (14020502) | 641588.28 |
| 4290929.76 | 82.86230   | (18080523) |            |           |
| 641628.28  | 4290929.76 | 89.78474   | (17031618) | 642188.28 |
| 4290929.76 | 55.03719   | (16013022) |            |           |
| 642228.28  | 4290929.76 | 50.94134   | (18010219) | 642268.28 |
| 4290929.76 | 47.30576   | (16011624) |            |           |
| 642308.28  | 4290929.76 | 47.72916   | (16020921) | 642348.28 |
| 4290929.76 | 46.63513   | (15010721) |            |           |
| 642388.28  | 4290929.76 | 44.65005   | (15010721) | 642428.28 |
| 4290929.76 | 41.15342   | (15010721) |            |           |
| 641268.28  | 4290969.76 | 49.88251   | (15021624) | 641308.28 |
| 4290969.76 | 53.52168   | (18010924) |            |           |
| 641348.28  | 4290969.76 | 57.37451   | (14120505) | 641388.28 |
| 4290969.76 | 61.34309   | (17021219) |            |           |
| 641428.28  | 4290969.76 | 65.26390   | (16021701) | 641468.28 |
| 4290969.76 | 70.30838   | (18020218) |            |           |

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 Station\_TOG\Baseline Road Fu \*\*\* 08/18/25

\*\*\* AERMET - VERSION 19191 \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: SPILL \*\*\*  
 INCLUDING SOURCE(S): VOL7 , VOL8  
 , VOL9 , VOL10 , VOL11 ,  
 VOL12 , VOL15 , VOL17 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF TOG

IN MICROGRAMS/M\*\*3

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| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 641508.28   | 4290969.76  | 74.10154   | (18020802) | 641548.28   |
| 4290969.76  | 69.50277    | (18042320) |            |             |
| 641588.28   | 4290969.76  | 72.77569   | (15072824) | 641628.28   |
| 4290969.76  | 82.01713    | (17031618) |            |             |
| 641668.28   | 4290969.76  | 87.86948   | (17031618) | 641708.28   |
| 4290969.76  | 86.50416    | (17111516) |            |             |
| 641748.28   | 4290969.76  | 81.45925   | (14122304) | 641788.28   |
| 4290969.76  | 82.56783    | (14120401) |            |             |
| 641828.28   | 4290969.76  | 80.39003   | (18020320) | 641868.28   |
| 4290969.76  | 76.80134    | (14012619) |            |             |
| 641908.28   | 4290969.76  | 73.45461   | (14120806) | 641948.28   |
| 4290969.76  | 73.22656    | (17021519) |            |             |
| 642188.28   | 4290969.76  | 52.56120   | (16121022) | 642228.28   |
| 4290969.76  | 48.19105    | (16013022) |            |             |
| 642268.28   | 4290969.76  | 45.00501   | (17010422) | 642308.28   |
| 4290969.76  | 42.19318    | (16011624) |            |             |
| 642348.28   | 4290969.76  | 40.53297   | (16020921) | 642388.28   |
| 4290969.76  | 40.97188    | (16020921) |            |             |
| 642428.28   | 4290969.76  | 39.89414   | (15010721) | 641268.28   |
| 4291009.76  | 47.00331    | (18010924) |            |             |
| 641308.28   | 4291009.76  | 50.18662   | (14120505) | 641348.28   |
| 4291009.76  | 53.34950    | (17021219) |            |             |
| 641388.28   | 4291009.76  | 56.92998   | (16021701) | 641428.28   |
| 4291009.76  | 61.01338    | (18020218) |            |             |
| 641468.28   | 4291009.76  | 64.09248   | (18020802) | 641508.28   |
| 4291009.76  | 63.08392    | (14020502) |            |             |
| 641548.28   | 4291009.76  | 62.04390   | (18080523) | 641588.28   |
| 4291009.76  | 64.65000    | (18052903) |            |             |
| 641628.28   | 4291009.76  | 73.23750   | (17031618) | 641668.28   |
| 4291009.76  | 71.43895    | (17031618) |            |             |
| 641708.28   | 4291009.76  | 73.31320   | (17111516) | 641748.28   |
| 4291009.76  | 71.13974    | (14122304) |            |             |
| 641788.28   | 4291009.76  | 72.35764   | (14120401) | 641828.28   |
| 4291009.76  | 69.80794    | (14010818) |            |             |
| 641868.28   | 4291009.76  | 67.51065   | (17021619) | 641908.28   |
| 4291009.76  | 65.45421    | (14122319) |            |             |
| 641948.28   | 4291009.76  | 62.59647   | (14011518) | 642188.28   |
| 4291009.76  | 48.65060    | (15021919) |            |             |
| 642228.28   | 4291009.76  | 46.33564   | (16121022) | 642268.28   |
| 4291009.76  | 42.68994    | (14013104) |            |             |
| 642308.28   | 4291009.76  | 39.97432   | (17010422) | 642348.28   |
| 4291009.76  | 37.83147    | (18010219) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 642388.28  | 4291009.76 | 35.48274   | (16011624) | 642428.28 |
| 4291009.76 | 35.73753   | (16020921) |            |           |
| 641268.28  | 4291049.76 | 44.39105   | (14120505) | 641308.28 |
| 4291049.76 | 46.91583   | (17021219) |            |           |
| 641348.28  | 4291049.76 | 50.11371   | (16021701) | 641388.28 |
| 4291049.76 | 53.06340   | (18020218) |            |           |
| 641428.28  | 4291049.76 | 55.52498   | (16021024) | 641468.28 |
| 4291049.76 | 56.91118   | (18020802) |            |           |
| 641508.28  | 4291049.76 | 53.66057   | (18042320) | 641548.28 |
| 4291049.76 | 55.41524   | (14121005) |            |           |
| 641588.28  | 4291049.76 | 57.85052   | (16021702) | 641628.28 |
| 4291049.76 | 64.56617   | (17031618) |            |           |
| 641668.28  | 4291049.76 | 61.98970   | (16020818) | 641708.28 |
| 4291049.76 | 62.86830   | (17111516) |            |           |
| 641748.28  | 4291049.76 | 62.87265   | (14122304) | 641788.28 |
| 4291049.76 | 63.94034   | (14120401) |            |           |
| 641828.28  | 4291049.76 | 61.68870   | (14010818) | 641868.28 |
| 4291049.76 | 60.57831   | (18020320) |            |           |
| 641908.28  | 4291049.76 | 58.71606   | (17021521) | 641948.28 |
| 4291049.76 | 55.97654   | (14120806) |            |           |
| 642188.28  | 4291049.76 | 45.67774   | (14021018) | 642228.28 |
| 4291049.76 | 43.02679   | (15021919) |            |           |
| 642268.28  | 4291049.76 | 41.25376   | (15021919) | 642308.28 |
| 4291049.76 | 38.42490   | (14013104) |            |           |
| 642348.28  | 4291049.76 | 36.07251   | (16013022) | 642388.28 |
| 4291049.76 | 34.12376   | (17010422) |            |           |
| 642428.28  | 4291049.76 | 32.40633   | (16011624) | 641268.28 |
| 4291089.76 | 41.66790   | (17021219) |            |           |
| 641308.28  | 4291089.76 | 44.42786   | (16021701) | 641348.28 |
| 4291089.76 | 46.31962   | (18020218) |            |           |
| 641388.28  | 4291089.76 | 48.73971   | (15020718) | 641428.28 |
| 4291089.76 | 51.12336   | (18020802) |            |           |
| 641468.28  | 4291089.76 | 49.25822   | (14020502) | 641508.28 |
| 4291089.76 | 48.75521   | (14012318) |            |           |
| 641548.28  | 4291089.76 | 50.46364   | (15072824) | 641588.28 |
| 4291089.76 | 52.51660   | (15032919) |            |           |
| 641628.28  | 4291089.76 | 56.38528   | (17031618) | 641668.28 |
| 4291089.76 | 55.30814   | (16020818) |            |           |

\*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Baseline Road Fuel  
 Station\_TOG\Baseline Road Fu \*\*\* 08/18/25

\*\*\* AERMET - VERSION 19191 \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: SPILL \*\*\*

INCLUDING SOURCE(S): VOL7 , VOL8  
 , VOL9 , VOL10 , VOL11 ,

VOL12 , VOL15 , VOL17 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF TOG IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 641708.28   | 4291089.76  | 55.70621   | (14091220) | 641748.28   |
| 4291089.76  | 56.12559    | (14122304) |            |             |
| 641788.28   | 4291089.76  | 57.15887   | (15021519) | 641828.28   |
| 4291089.76  | 55.71047    | (14012518) |            |             |
| 641868.28   | 4291089.76  | 55.20094   | (18020320) | 641908.28   |
| 4291089.76  | 52.99137    | (14012619) |            |             |
| 641948.28   | 4291089.76  | 51.19371   | (14120806) | 641988.28   |
| 4291089.76  | 49.42749    | (14011518) |            |             |
| 642028.28   | 4291089.76  | 51.29914   | (17021519) | 642068.28   |
| 4291089.76  | 50.68473    | (15021022) |            |             |
| 642108.28   | 4291089.76  | 48.24965   | (14013002) | 642148.28   |
| 4291089.76  | 44.75524    | (14013002) |            |             |
| 641268.28   | 4291129.76  | 39.65762   | (16021701) | 641308.28   |
| 4291129.76  | 40.65944    | (14020423) |            |             |
| 641348.28   | 4291129.76  | 43.65631   | (18020218) | 641388.28   |
| 4291129.76  | 45.38819    | (18020802) |            |             |
| 641428.28   | 4291129.76  | 45.54121   | (14020502) | 641468.28   |
| 4291129.76  | 43.13444    | (18042320) |            |             |
| 641508.28   | 4291129.76  | 44.41327   | (14121823) | 641548.28   |
| 4291129.76  | 46.07463    | (18052903) |            |             |
| 641588.28   | 4291129.76  | 47.71340   | (15032919) | 641628.28   |
| 4291129.76  | 48.98047    | (17031618) |            |             |
| 641668.28   | 4291129.76  | 49.82488   | (18062223) | 641708.28   |
| 4291129.76  | 50.14597    | (14091220) |            |             |
| 641748.28   | 4291129.76  | 50.52676   | (14122304) | 641788.28   |
| 4291129.76  | 51.47628    | (15021519) |            |             |
| 641828.28   | 4291129.76  | 50.68323   | (14012518) | 641868.28   |
| 4291129.76  | 50.04464    | (18020320) |            |             |
| 641908.28   | 4291129.76  | 47.75157   | (17021619) | 641948.28   |
| 4291129.76  | 46.87844    | (14122319) |            |             |
| 641988.28   | 4291129.76  | 44.39558   | (15011724) | 642028.28   |
| 4291129.76  | 44.84600    | (17021519) |            |             |
| 642068.28   | 4291129.76  | 46.27696   | (16121222) | 642108.28   |
| 4291129.76  | 44.76290    | (14120407) |            |             |
| 642148.28   | 4291129.76  | 43.09281   | (14013002) | 641374.56   |
| 4290226.75  | 102.69833   | (18020702) |            |             |
| 641414.56   | 4290226.75  | 111.29094  | (18020418) | 641454.56   |
| 4290226.75  | 119.97062   | (15021323) |            |             |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 641494.56  | 4290226.75 | 130.13424  | (16010301) | 641534.56 |
| 4290226.75 | 140.81445  | (16022819) |            |           |
| 641574.56  | 4290226.75 | 147.72494  | (15010818) | 641614.56 |
| 4290226.75 | 157.58237  | (18010118) |            |           |
| 641654.56  | 4290226.75 | 164.62067  | (15021120) | 641694.56 |
| 4290226.75 | 167.72744  | (16022921) |            |           |
| 641734.56  | 4290226.75 | 170.80773  | (18010719) | 641774.56 |
| 4290226.75 | 165.50239  | (14051219) |            |           |
| 641814.56  | 4290226.75 | 157.91881  | (17122820) | 641854.56 |
| 4290226.75 | 152.88334  | (15020223) |            |           |
| 641894.56  | 4290226.75 | 162.44787  | (18012817) | 641934.56 |
| 4290226.75 | 138.92914  | (15021418) |            |           |
| 641974.56  | 4290226.75 | 113.14330  | (16012520) | 642014.56 |
| 4290226.75 | 103.17322  | (14120102) |            |           |
| 642054.56  | 4290226.75 | 95.36570   | (14021320) | 642094.56 |
| 4290226.75 | 87.66808   | (15021324) |            |           |
| 642134.56  | 4290226.75 | 80.04163   | (16022123) | 642174.56 |
| 4290226.75 | 74.37631   | (16021407) |            |           |
| 642214.56  | 4290226.75 | 68.89221   | (15021204) | 642254.56 |
| 4290226.75 | 64.40120   | (18011620) |            |           |
| 642294.56  | 4290226.75 | 58.91185   | (16021022) | 642334.56 |
| 4290226.75 | 55.25189   | (18020924) |            |           |
| 642374.56  | 4290226.75 | 50.68513   | (18020924) | 642414.56 |
| 4290226.75 | 44.70248   | (18020924) |            |           |
| 642454.56  | 4290226.75 | 38.21116   | (18020924) | 642494.56 |
| 4290226.75 | 31.84057   | (18020924) |            |           |
| 642534.56  | 4290226.75 | 29.57869   | (18020123) | 642574.56 |
| 4290226.75 | 27.87451   | (18020123) |            |           |
| 642614.56  | 4290226.75 | 26.33806   | (18013122) | 641374.56 |
| 4290266.75 | 110.52407  | (15120808) |            |           |
| 641414.56  | 4290266.75 | 120.98157  | (18020702) | 641454.56 |
| 4290266.75 | 133.31088  | (18020418) |            |           |
| 641494.56  | 4290266.75 | 145.23037  | (15021323) | 641534.56 |
| 4290266.75 | 157.15594  | (14021718) |            |           |
| 641574.56  | 4290266.75 | 173.00586  | (16022819) | 641614.56 |
| 4290266.75 | 179.50023  | (16012102) |            |           |
| 641654.56  | 4290266.75 | 194.44957  | (15120619) | 641694.56 |
| 4290266.75 | 196.67107  | (16022921) |            |           |
| 641734.56  | 4290266.75 | 202.87007  | (18010719) | 641774.56 |
| 4290266.75 | 200.52257  | (14051219) |            |           |
| 641814.56  | 4290266.75 | 186.22783  | (18010318) | 641854.56 |
| 4290266.75 | 196.58224  | (18012817) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Baseline Road Fuel  
 Station\_TOG\Baseline Road Fu \*\*\* 08/18/25  
 \*\*\* AERMET - VERSION 19191 \*\*\*  
 \*\*\* 13:19:08

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: SPILL \*\*\*  
 INCLUDING SOURCE(S): VOL7 , VOL8  
 , VOL9 , VOL10 , VOL11 ,  
 VOL12 , VOL15 , VOL17 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS  
 \*\*\*

|             |             | ** CONC OF TOG |            | IN MICROGRAMS/M**3 |  |
|-------------|-------------|----------------|------------|--------------------|--|
|             |             | **             |            |                    |  |
| X-COORD (M) | Y-COORD (M) | CONC           | (YYMMDDHH) | X-COORD (M)        |  |
| Y-COORD (M) | CONC        | (YYMMDDHH)     |            |                    |  |
| - - - - -   |             |                |            |                    |  |
| 641894.56   | 4290266.75  | 189.49729      | (18012817) | 641934.56          |  |
| 4290266.75  | 149.49697   | (16012520)     |            |                    |  |
| 641974.56   | 4290266.75  | 124.54230      | (14120102) | 642014.56          |  |
| 4290266.75  | 114.91689   | (14021320)     |            |                    |  |
| 642054.56   | 4290266.75  | 103.96286      | (15021324) | 642094.56          |  |
| 4290266.75  | 93.93135    | (16022123)     |            |                    |  |
| 642134.56   | 4290266.75  | 86.57869       | (16021407) | 642174.56          |  |
| 4290266.75  | 79.22764    | (15120707)     |            |                    |  |
| 642214.56   | 4290266.75  | 72.70234       | (18011620) | 642254.56          |  |
| 4290266.75  | 67.03336    | (18122307)     |            |                    |  |
| 642294.56   | 4290266.75  | 61.36646       | (18020924) | 642334.56          |  |
| 4290266.75  | 53.79829    | (18020924)     |            |                    |  |
| 642374.56   | 4290266.75  | 45.38705       | (18020924) | 642414.56          |  |
| 4290266.75  | 37.17775    | (18020924)     |            |                    |  |
| 642454.56   | 4290266.75  | 34.55155       | (18020123) | 642494.56          |  |
| 4290266.75  | 32.34776    | (18013122)     |            |                    |  |
| 642534.56   | 4290266.75  | 30.14073       | (18013122) | 642574.56          |  |
| 4290266.75  | 27.93755    | (17012601)     |            |                    |  |
| 642614.56   | 4290266.75  | 26.62189       | (14013001) | 641374.56          |  |
| 4290306.75  | 118.74195   | (14022803)     |            |                    |  |
| 641414.56   | 4290306.75  | 130.21441      | (15120808) | 641454.56          |  |
| 4290306.75  | 145.33280   | (18020702)     |            |                    |  |
| 641494.56   | 4290306.75  | 163.55782      | (18020418) | 641534.56          |  |
| 4290306.75  | 179.18014   | (15021323)     |            |                    |  |
| 641574.56   | 4290306.75  | 199.66131      | (14021718) | 641614.56          |  |
| 4290306.75  | 213.70672   | (18020119)     |            |                    |  |
| 641654.56   | 4290306.75  | 231.24574      | (14021719) | 641694.56          |  |
| 4290306.75  | 240.42672   | (14020301)     |            |                    |  |
| 641734.56   | 4290306.75  | 246.60802      | (18010719) | 641774.56          |  |
| 4290306.75  | 252.49527   | (14051219)     |            |                    |  |
| 641814.56   | 4290306.75  | 223.71606      | (15012720) | 641854.56          |  |
| 4290306.75  | 264.98476   | (18012817)     |            |                    |  |
| 641894.56   | 4290306.75  | 202.05820      | (18012817) | 641934.56          |  |
| 4290306.75  | 153.65025   | (14022106)     |            |                    |  |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 641974.56  | 4290306.75 | 141.92909  | (14021320) | 642014.56 |
| 4290306.75 | 126.25822  | (15021324) |            |           |
| 642054.56  | 4290306.75 | 112.09173  | (18120403) | 642094.56 |
| 4290306.75 | 101.73017  | (16121403) |            |           |
| 642134.56  | 4290306.75 | 98.82080   | (17013017) | 642174.56 |
| 4290306.75 | 83.91645   | (18122307) |            |           |
| 642214.56  | 4290306.75 | 76.38851   | (18020924) | 642254.56 |
| 4290306.75 | 66.39195   | (18020924) |            |           |
| 642294.56  | 4290306.75 | 55.11917   | (18020924) | 642334.56 |
| 4290306.75 | 44.21153   | (18020924) |            |           |
| 642374.56  | 4290306.75 | 40.99031   | (18020123) | 642414.56 |
| 4290306.75 | 37.97083   | (18013122) |            |           |
| 642454.56  | 4290306.75 | 34.82067   | (17012601) | 642494.56 |
| 4290306.75 | 32.70363   | (14013001) |            |           |
| 642534.56  | 4290306.75 | 31.04868   | (14013001) | 642574.56 |
| 4290306.75 | 29.36010   | (14012924) |            |           |
| 642614.56  | 4290306.75 | 30.14673   | (14012924) | 641374.56 |
| 4290346.75 | 127.77801  | (14120218) |            |           |
| 641414.56  | 4290346.75 | 141.28067  | (14012224) | 641454.56 |
| 4290346.75 | 156.36266  | (14022803) |            |           |
| 641494.56  | 4290346.75 | 181.27336  | (14022218) | 641534.56 |
| 4290346.75 | 207.44204  | (18020418) |            |           |
| 641574.56  | 4290346.75 | 230.22565  | (18121506) | 641614.56 |
| 4290346.75 | 261.12472  | (16022819) |            |           |
| 641654.56  | 4290346.75 | 281.57383  | (18010118) | 641694.56 |
| 4290346.75 | 299.36886  | (18121517) |            |           |
| 641734.56  | 4290346.75 | 309.22725  | (14022124) | 641774.56 |
| 4290346.75 | 320.89275  | (14051219) |            |           |
| 641814.56  | 4290346.75 | 321.19276  | (18012817) | 641854.56 |
| 4290346.75 | 333.71946  | (18012817) |            |           |
| 641894.56  | 4290346.75 | 208.68995  | (16012520) | 641934.56 |
| 4290346.75 | 181.81340  | (17013117) |            |           |
| 641974.56  | 4290346.75 | 158.12607  | (15021324) | 642014.56 |
| 4290346.75 | 138.09639  | (15010820) |            |           |
| 642054.56  | 4290346.75 | 137.35774  | (17013017) | 642094.56 |
| 4290346.75 | 119.72300  | (17013017) |            |           |
| 642134.56  | 4290346.75 | 98.42671   | (18020924) | 642174.56 |
| 4290346.75 | 84.82040   | (18020924) |            |           |
| 642214.56  | 4290346.75 | 68.91868   | (18020924) | 642254.56 |
| 4290346.75 | 54.40921   | (18020123) |            |           |
| 642294.56  | 4290346.75 | 49.85342   | (18013122) | 642334.56 |
| 4290346.75 | 45.32633   | (18013122) |            |           |
| 642374.56  | 4290346.75 | 41.56718   | (14013001) | 642414.56 |
| 4290346.75 | 39.06508   | (14013001) |            |           |
| 642454.56  | 4290346.75 | 36.61472   | (14012924) | 642494.56 |
| 4290346.75 | 34.17269   | (14012924) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Baseline Road Fuel  
 Station\_TOG\Baseline Road Fu \*\*\* 08/18/25

\*\*\* AERMET - VERSION 19191 \*\*\*

\*\*\* 13:19:08

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: SPILL \*\*\*

INCLUDING SOURCE(S): VOL7 , VOL8  
 , VOL9 , VOL10 , VOL11 ,  
 VOL12 , VOL15 , VOL17 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF TOG IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 642534.56   | 4290346.75  | 31.64701   | (14012924) | 642574.56   |
| 4290346.75  | 29.47181    | (18011619) |            |             |
| 642614.56   | 4290346.75  | 31.70395   | (17021401) | 641374.56   |
| 4290386.75  | 117.38877   | (14120218) |            |             |
| 641414.56   | 4290386.75  | 150.80711  | (14120218) | 641454.56   |
| 4290386.75  | 175.19278   | (14020619) |            |             |
| 641494.56   | 4290386.75  | 200.12052  | (14022803) | 641534.56   |
| 4290386.75  | 233.90771   | (14022218) |            |             |
| 641574.56   | 4290386.75  | 274.91422  | (18020418) | 641614.56   |
| 4290386.75  | 309.52754   | (16010301) |            |             |
| 641654.56   | 4290386.75  | 352.70502  | (18020119) | 641694.56   |
| 4290386.75  | 389.04778   | (15120619) |            |             |
| 641734.56   | 4290386.75  | 416.97054  | (18052819) | 641774.56   |
| 4290386.75  | 412.09319   | (14051219) |            |             |
| 641814.56   | 4290386.75  | 507.92746  | (18012817) | 641854.56   |
| 4290386.75  | 364.85769   | (18012817) |            |             |
| 641894.56   | 4290386.75  | 255.40212  | (17013117) | 641934.56   |
| 4290386.75  | 206.02944   | (15021324) |            |             |
| 641974.56   | 4290386.75  | 181.15148  | (17013017) | 642014.56   |
| 4290386.75  | 187.92996   | (17013017) |            |             |
| 642054.56   | 4290386.75  | 137.12467  | (17013017) | 642094.56   |
| 4290386.75  | 113.79641   | (18020924) |            |             |
| 642134.56   | 4290386.75  | 89.68192   | (18020924) | 642174.56   |
| 4290386.75  | 69.65549    | (18020123) |            |             |
| 642214.56   | 4290386.75  | 62.42068   | (18013122) | 642254.56   |
| 4290386.75  | 55.63631    | (15011420) |            |             |
| 642294.56   | 4290386.75  | 51.51744   | (14013001) | 642334.56   |
| 4290386.75  | 47.56845    | (14012924) |            |             |
| 642374.56   | 4290386.75  | 43.58582   | (14012924) | 642414.56   |
| 4290386.75  | 39.73705    | (17021401) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 642454.56  | 4290386.75 | 37.08534   | (18011619) | 642494.56 |
| 4290386.75 | 34.57569   | (18011619) |            |           |
| 642534.56  | 4290386.75 | 32.39681   | (15020222) | 642574.56 |
| 4290386.75 | 30.26846   | (15020222) |            |           |
| 642614.56  | 4290386.75 | 28.20813   | (15020222) | 641374.56 |
| 4290426.75 | 121.59600  | (14120420) |            |           |
| 641414.56  | 4290426.75 | 140.02209  | (18033018) | 641454.56 |
| 4290426.75 | 167.64567  | (14120218) |            |           |
| 641494.56  | 4290426.75 | 220.86453  | (14120218) | 641534.56 |
| 4290426.75 | 260.48286  | (14012224) |            |           |
| 641574.56  | 4290426.75 | 319.45161  | (14022218) | 641614.56 |
| 4290426.75 | 390.79970  | (18020418) |            |           |
| 641654.56  | 4290426.75 | 459.94179  | (16022819) | 641694.56 |
| 4290426.75 | 528.53429  | (14021719) |            |           |
| 641734.56  | 4290426.75 | 618.69735  | (18052819) | 641774.56 |
| 4290426.75 | 561.93604  | (18012817) |            |           |
| 641814.56  | 4290426.75 | 741.62706  | (18012817) | 641854.56 |
| 4290426.75 | 376.02420  | (17013117) |            |           |
| 641894.56  | 4290426.75 | 289.77068  | (17013117) | 641934.56 |
| 4290426.75 | 298.61562  | (17013017) |            |           |
| 641974.56  | 4290426.75 | 248.44636  | (17013017) | 642014.56 |
| 4290426.75 | 163.74552  | (18020924) |            |           |
| 642054.56  | 4290426.75 | 123.74010  | (18020924) | 642094.56 |
| 4290426.75 | 93.55188   | (18013122) |            |           |
| 642134.56  | 4290426.75 | 80.74781   | (18013122) | 642174.56 |
| 4290426.75 | 72.65150   | (14013001) |            |           |
| 642214.56  | 4290426.75 | 65.54253   | (14012924) | 642254.56 |
| 4290426.75 | 58.45264   | (14012924) |            |           |
| 642294.56  | 4290426.75 | 52.96111   | (18011619) | 642334.56 |
| 4290426.75 | 48.39064   | (15020222) |            |           |
| 642374.56  | 4290426.75 | 44.49149   | (15020222) | 642414.56 |
| 4290426.75 | 40.74445   | (15020222) |            |           |
| 642454.56  | 4290426.75 | 37.25273   | (15020222) | 642494.56 |
| 4290426.75 | 34.56119   | (18120621) |            |           |
| 642534.56  | 4290426.75 | 32.38887   | (18120621) | 642574.56 |
| 4290426.75 | 30.30344   | (18120621) |            |           |
| 642614.56  | 4290426.75 | 28.35378   | (18120621) | 641374.56 |
| 4290466.75 | 125.94662  | (15121122) |            |           |
| 641414.56  | 4290466.75 | 146.51152  | (18020818) | 641454.56 |
| 4290466.75 | 172.07309  | (17122617) |            |           |
| 641494.56  | 4290466.75 | 229.66634  | (18033018) | 641534.56 |
| 4290466.75 | 269.93603  | (18033018) |            |           |
| 641574.56  | 4290466.75 | 368.36160  | (14120218) | 641614.56 |
| 4290466.75 | 467.60118  | (15120808) |            |           |
| 641654.56  | 4290466.75 | 613.67313  | (18020418) | 641694.56 |
| 4290466.75 | 820.26760  | (14032018) |            |           |
| 641734.56  | 4290466.75 | 1020.93900 | (18052819) | 641774.56 |
| 4290466.75 | 1294.30781 | (18012817) |            |           |
| 641814.56  | 4290466.75 | 841.33254  | (18012817) | 641854.56 |
| 4290466.75 | 493.87196  | (17013117) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\*      \*\*\* C:\Lakes\AERMOD View\Baseline Road Fuel  
 Station\_TOG\Baseline Road Fu \*\*\*      08/18/25  
 \*\*\* AERMET - VERSION 19191 \*\*\*      \*\*\*  
                                  \*\*\*      13:19:08

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\*\*\* MODELOPTs:      RegDFAULT    CONC    ELEV    URBAN    ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: SPILL      \*\*\*

INCLUDING SOURCE(S):      VOL7      , VOL8  
 , VOL9      , VOL10      , VOL11      ,  
                  VOL12      , VOL15      , VOL17      ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

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\*\* CONC OF TOG      IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 641894.56   | 4290466.75  | 500.86012  | (17013017) | 641934.56   |
| 4290466.75  | 293.40935   | (17013017) |            |             |
| 641974.56   | 4290466.75  | 186.50252  | (18020924) | 642014.56   |
| 4290466.75  | 141.00513   | (15011516) |            |             |
| 642054.56   | 4290466.75  | 125.24222  | (15011516) | 642094.56   |
| 4290466.75  | 103.60098   | (15011516) |            |             |
| 642134.56   | 4290466.75  | 85.42145   | (18011619) | 642174.56   |
| 4290466.75  | 75.46945    | (15020222) |            |             |
| 642214.56   | 4290466.75  | 67.07539   | (15020222) | 642254.56   |
| 4290466.75  | 59.43363    | (15020222) |            |             |
| 642294.56   | 4290466.75  | 53.52826   | (18120621) | 642334.56   |
| 4290466.75  | 48.82990    | (18120621) |            |             |
| 642374.56   | 4290466.75  | 44.53764   | (18120621) | 642414.56   |
| 4290466.75  | 40.64567    | (18120621) |            |             |
| 642454.56   | 4290466.75  | 37.91126   | (14120819) | 642494.56   |
| 4290466.75  | 35.42174    | (14120819) |            |             |
| 642534.56   | 4290466.75  | 33.14046   | (14120819) | 642574.56   |
| 4290466.75  | 31.02846    | (14120819) |            |             |
| 642614.56   | 4290466.75  | 29.10010   | (14120819) | 641920.09   |
| 4290522.63  | 351.93998   | (15011516) |            |             |
| 641960.09   | 4290522.63  | 226.06775  | (15011516) | 642000.09   |
| 4290522.63  | 156.22627   | (18120621) |            |             |
| 642040.09   | 4290522.63  | 128.26735  | (18120621) | 642080.09   |
| 4290522.63  | 109.19113   | (14120819) |            |             |
| 642120.09   | 4290522.63  | 94.06876   | (14120819) | 642160.09   |
| 4290522.63  | 81.77679    | (14120819) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 642200.09  | 4290522.63 | 71.70321   | (14120819) | 642240.09 |
| 4290522.63 | 63.35598   | (14120819) |            |           |
| 642280.09  | 4290522.63 | 56.56494   | (15121617) | 642320.09 |
| 4290522.63 | 51.18368   | (15121617) |            |           |
| 642360.09  | 4290522.63 | 46.62263   | (16020422) | 642400.09 |
| 4290522.63 | 42.97770   | (18022719) |            |           |
| 642440.09  | 4290522.63 | 40.06842   | (18022719) | 642480.09 |
| 4290522.63 | 37.49035   | (18022719) |            |           |
| 642520.09  | 4290522.63 | 35.18063   | (18022719) | 642560.09 |
| 4290522.63 | 33.10401   | (18022719) |            |           |
| 642600.09  | 4290522.63 | 31.22810   | (18022719) | 641920.09 |
| 4290562.63 | 316.55642  | (18022719) |            |           |
| 641960.09  | 4290562.63 | 240.57911  | (18022719) | 642000.09 |
| 4290562.63 | 191.18944  | (18022719) |            |           |
| 642040.09  | 4290562.63 | 156.93377  | (18022719) | 642080.09 |
| 4290562.63 | 131.98816  | (18022719) |            |           |
| 642120.09  | 4290562.63 | 113.13997  | (18022719) | 642160.09 |
| 4290562.63 | 98.45646   | (18022719) |            |           |
| 642200.09  | 4290562.63 | 86.80426   | (18022719) | 642240.09 |
| 4290562.63 | 77.30832   | (18022719) |            |           |
| 642280.09  | 4290562.63 | 69.46054   | (18022719) | 642320.09 |
| 4290562.63 | 62.88412   | (18022719) |            |           |
| 642360.09  | 4290562.63 | 57.30470   | (18022719) | 642400.09 |
| 4290562.63 | 52.52118   | (18022719) |            |           |
| 642440.09  | 4290562.63 | 48.38080   | (18022719) | 642480.09 |
| 4290562.63 | 44.77230   | (18022719) |            |           |
| 642520.09  | 4290562.63 | 41.60189   | (18022719) | 642560.09 |
| 4290562.63 | 38.79292   | (18022719) |            |           |
| 642600.09  | 4290562.63 | 36.28567   | (18022719) | 641920.09 |
| 4290602.63 | 327.38767  | (15032618) |            |           |
| 641960.09  | 4290602.63 | 250.16229  | (16021319) | 642000.09 |
| 4290602.63 | 198.09617  | (16021319) |            |           |
| 642040.09  | 4290602.63 | 160.35546  | (16021319) | 642080.09 |
| 4290602.63 | 134.40618  | (14120824) |            |           |
| 642120.09  | 4290602.63 | 115.22689  | (14120824) | 642160.09 |
| 4290602.63 | 100.01074  | (14120824) |            |           |
| 642200.09  | 4290602.63 | 87.76828   | (14120824) | 642240.09 |
| 4290602.63 | 77.94419   | (16011023) |            |           |
| 642280.09  | 4290602.63 | 70.17826   | (16012522) | 642320.09 |
| 4290602.63 | 63.76249   | (16012522) |            |           |
| 642360.09  | 4290602.63 | 58.26634   | (16012522) | 642400.09 |
| 4290602.63 | 53.51562   | (16012522) |            |           |
| 642440.09  | 4290602.63 | 49.37772   | (16012522) | 642480.09 |
| 4290602.63 | 45.74667   | (16012522) |            |           |
| 642520.09  | 4290602.63 | 42.54020   | (16012522) | 642560.09 |
| 4290602.63 | 39.68898   | (16012522) |            |           |
| 642600.09  | 4290602.63 | 37.11536   | (16012522) | 641920.09 |
| 4290642.63 | 297.66354  | (14120720) |            |           |
| 641960.09  | 4290642.63 | 229.58891  | (14013003) | 642000.09 |
| 4290642.63 | 189.01720  | (14013003) |            |           |

642040.09 4290642.63 153.94020 (18010417) 642080.09  
 4290642.63 130.46517 (17123120)  
 642120.09 4290642.63 112.93970 (14013008) 642160.09  
 4290642.63 98.89404 (14013008)  
 \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Baseline Road Fuel  
 Station\_TOG\Baseline Road Fu \*\*\* 08/18/25  
 \*\*\* AERMET - VERSION 19191 \*\*\*  
 \*\*\* 13:19:08

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: SPILL \*\*\*  
 INCLUDING SOURCE(S): VOL7 , VOL8  
 , VOL9 , VOL10 , VOL11 ,  
 VOL12 , VOL15 , VOL17 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\* CONC OF TOG IN MICROGRAMS/M\*\*3  
 \*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 642200.09   | 4290642.63  | 88.55088   | (16021319) | 642240.09   |
| 4290642.63  | 79.41108    | (16021319) |            |             |
| 642280.09   | 4290642.63  | 71.38855   | (16021319) | 642320.09   |
| 4290642.63  | 64.36421    | (16021319) |            |             |
| 642360.09   | 4290642.63  | 58.21215   | (16021319) | 642400.09   |
| 4290642.63  | 52.81537    | (16021319) |            |             |
| 642440.09   | 4290642.63  | 48.63243   | (14120824) | 642480.09   |
| 4290642.63  | 45.19672    | (14120824) |            |             |
| 642520.09   | 4290642.63  | 42.09842   | (14120824) | 642560.09   |
| 4290642.63  | 39.29717    | (14120824) |            |             |
| 642600.09   | 4290642.63  | 36.74452   | (14120824) | 641920.09   |
| 4290682.63  | 254.84869   | (16021917) |            |             |
| 641960.09   | 4290682.63  | 209.73519  | (16011701) | 642000.09   |
| 4290682.63  | 175.67121   | (18010422) |            |             |
| 642040.09   | 4290682.63  | 148.03559  | (14120720) | 642080.09   |
| 4290682.63  | 124.02298   | (16121108) |            |             |
| 642120.09   | 4290682.63  | 110.34049  | (14013003) | 642160.09   |
| 4290682.63  | 96.43036    | (14013003) |            |             |
| 642200.09   | 4290682.63  | 84.47760   | (18010417) | 642240.09   |
| 4290682.63  | 75.60365    | (17123120) |            |             |
| 642280.09   | 4290682.63  | 68.38235   | (17123120) | 642320.09   |
| 4290682.63  | 62.25717    | (14013008) |            |             |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 642360.09  | 4290682.63 | 57.24935   | (14013008) | 642400.09 |
| 4290682.63 | 52.56526   | (14013008) |            |           |
| 642440.09  | 4290682.63 | 48.96349   | (16021319) | 642480.09 |
| 4290682.63 | 45.70598   | (16021319) |            |           |
| 642520.09  | 4290682.63 | 42.65811   | (16021319) | 642560.09 |
| 4290682.63 | 39.82051   | (16021319) |            |           |
| 642600.09  | 4290682.63 | 37.17854   | (16021319) | 641920.09 |
| 4290722.63 | 195.01274  | (16121022) |            |           |
| 641960.09  | 4290722.63 | 173.91518  | (16021917) | 642000.09 |
| 4290722.63 | 155.86567  | (15010721) |            |           |
| 642040.09  | 4290722.63 | 135.93235  | (16011701) | 642080.09 |
| 4290722.63 | 120.03333  | (16011701) |            |           |
| 642120.09  | 4290722.63 | 104.61605  | (14120720) | 642160.09 |
| 4290722.63 | 92.43428   | (14120720) |            |           |
| 642200.09  | 4290722.63 | 81.23531   | (16121108) | 642240.09 |
| 4290722.63 | 74.55602   | (14013003) |            |           |
| 642280.09  | 4290722.63 | 67.93354   | (14013003) | 642320.09 |
| 4290722.63 | 61.15444   | (14013003) |            |           |
| 642360.09  | 4290722.63 | 55.59758   | (18010417) | 642400.09 |
| 4290722.63 | 50.92485   | (17123120) |            |           |
| 642440.09  | 4290722.63 | 47.44051   | (17123120) | 642480.09 |
| 4290722.63 | 44.01199   | (17123120) |            |           |
| 642520.09  | 4290722.63 | 41.00584   | (14013008) | 642560.09 |
| 4290722.63 | 38.61078   | (14013008) |            |           |
| 642600.09  | 4290722.63 | 36.27713   | (14013008) | 641920.09 |
| 4290762.63 | 165.99709  | (14021018) |            |           |
| 641960.09  | 4290762.63 | 144.80452  | (16121022) | 642000.09 |
| 4290762.63 | 123.50870  | (17010422) |            |           |
| 642040.09  | 4290762.63 | 116.96655  | (16020921) | 642080.09 |
| 4290762.63 | 109.25570  | (15010721) |            |           |
| 642120.09  | 4290762.63 | 97.61513   | (16011701) | 642160.09 |
| 4290762.63 | 89.11211   | (16011701) |            |           |
| 642200.09  | 4290762.63 | 79.28386   | (16021218) | 642240.09 |
| 4290762.63 | 72.20240   | (14120720) |            |           |
| 642280.09  | 4290762.63 | 64.78544   | (14120720) | 642320.09 |
| 4290762.63 | 58.71916   | (16121108) |            |           |
| 642360.09  | 4290762.63 | 54.74294   | (14013003) | 642400.09 |
| 4290762.63 | 51.14119   | (14013003) |            |           |
| 642440.09  | 4290762.63 | 47.25649   | (14013003) | 642480.09 |
| 4290762.63 | 43.30639   | (14013003) |            |           |
| 642520.09  | 4290762.63 | 40.31899   | (18010417) | 642560.09 |
| 4290762.63 | 37.51077   | (18010417) |            |           |
| 642600.09  | 4290762.63 | 35.40050   | (17123120) | 641920.09 |
| 4290802.63 | 142.69037  | (14013002) |            |           |
| 641960.09  | 4290802.63 | 126.34951  | (14021018) | 642000.09 |
| 4290802.63 | 112.94920  | (16121022) |            |           |
| 642040.09  | 4290802.63 | 98.17865   | (16013022) | 642080.09 |
| 4290802.63 | 88.03754   | (16020921) |            |           |
| 642120.09  | 4290802.63 | 87.95009   | (16020921) | 642160.09 |
| 4290802.63 | 82.04149   | (15010721) |            |           |

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        642200.09    4290802.63    74.70543    (16011701)    642240.09
4290802.63    69.65001    (16011701)
        642280.09    4290802.63    63.16239    (18010422)    642320.09
4290802.63    57.89388    (14120720)
        642360.09    4290802.63    53.62521    (14120720)    642400.09
4290802.63    48.67720    (14120720)
        642440.09    4290802.63    45.13084    (16121108)    642480.09
4290802.63    42.42816    (14013003)
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Baseline Road Fuel
Station_TOG\Baseline Road Fu *** 08/18/25
*** AERMET - VERSION 19191 *** ***
*** 13:19:08

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SPILL ***
                        INCLUDING SOURCE(S): VOL7 , VOL8
, VOL9 , VOL10 , VOL11 ,
VOL12 , VOL15 , VOL17 ,

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\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

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\*\* CONC OF TOG IN MICROGRAMS/M\*\*3

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| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 642520.09   | 4290802.63  | 40.28739   | (14013003) | 642560.09   |
| 4290802.63  | 37.88534    | (14013003) |            |             |
| 642600.09   | 4290802.63  | 35.34823   | (14013003) | 641920.09   |
| 4290842.63  | 123.32788   | (14120407) |            |             |
| 641960.09   | 4290842.63  | 110.81227  | (17021520) | 642000.09   |
| 4290842.63  | 100.54559   | (14021018) |            |             |
| 642040.09   | 4290842.63  | 91.47442   | (15021919) | 642080.09   |
| 4290842.63  | 81.25905    | (16013022) |            |             |
| 642120.09   | 4290842.63  | 73.47640   | (18010219) | 642160.09   |
| 4290842.63  | 70.97315    | (16020921) |            |             |
| 642200.09   | 4290842.63  | 69.07889   | (15010721) | 642240.09   |
| 4290842.63  | 64.54535    | (15010721) |            |             |
| 642280.09   | 4290842.63  | 59.65408   | (16011701) | 642320.09   |
| 4290842.63  | 56.43984    | (16011701) |            |             |
| 642360.09   | 4290842.63  | 51.98714   | (18010422) | 642400.09   |
| 4290842.63  | 47.88380    | (16021218) |            |             |
| 642440.09   | 4290842.63  | 44.99548   | (14120720) | 642480.09   |
| 4290842.63  | 41.84468    | (14120720) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 642520.09  | 4290842.63 | 38.61647   | (16121108) | 642560.09 |
| 4290842.63 | 36.16288   | (16121108) |            |           |
| 642600.09  | 4290842.63 | 34.14543   | (14013003) | 641920.09 |
| 4290882.63 | 105.16268  | (16121222) |            |           |
| 641960.09  | 4290882.63 | 98.68314   | (14013002) | 642000.09 |
| 4290882.63 | 90.50463   | (17021520) |            |           |
| 642040.09  | 4290882.63 | 82.58445   | (14021018) | 642080.09 |
| 4290882.63 | 76.19495   | (15021919) |            |           |
| 642120.09  | 4290882.63 | 68.37072   | (16013022) | 642160.09 |
| 4290882.63 | 62.65578   | (17010422) |            |           |
| 642200.09  | 4290882.63 | 57.52697   | (16011624) | 642240.09 |
| 4290882.63 | 58.28588   | (16020921) |            |           |
| 642280.09  | 4290882.63 | 56.28526   | (15010721) | 642320.09 |
| 4290882.63 | 52.50851   | (15010721) |            |           |
| 642360.09  | 4290882.63 | 49.13656   | (16011701) | 642400.09 |
| 4290882.63 | 46.98883   | (16011701) |            |           |
| 642440.09  | 4290882.63 | 43.74230   | (18010422) | 642480.09 |
| 4290882.63 | 40.71452   | (16021218) |            |           |
| 642520.09  | 4290882.63 | 38.23927   | (14120720) | 642560.09 |
| 4290882.63 | 36.23027   | (14120720) |            |           |
| 642600.09  | 4290882.63 | 33.82123   | (14120720) | 641450.64 |
| 4290754.44 | 129.78227  | (15021802) |            |           |
| 641490.64  | 4290754.44 | 137.37185  | (15011116) | 641530.64 |
| 4290754.44 | 150.69591  | (15021624) |            |           |
| 641570.64  | 4290754.44 | 174.90747  | (14121223) | 641610.64 |
| 4290754.44 | 206.45917  | (18020218) |            |           |
| 641650.64  | 4290754.44 | 215.49348  | (14020502) | 641450.64 |
| 4290794.44 | 104.51685  | (17021620) |            |           |
| 641490.64  | 4290794.44 | 117.26736  | (18010924) | 641530.64 |
| 4290794.44 | 132.53323  | (14121223) |            |           |
| 641570.64  | 4290794.44 | 150.13734  | (18020218) | 641610.64 |
| 4290794.44 | 167.54302  | (18020802) |            |           |
| 641650.64  | 4290794.44 | 168.90581  | (18102717) | 641450.64 |
| 4290834.44 | 94.48508   | (18010924) |            |           |
| 641490.64  | 4290834.44 | 104.64488  | (14121223) | 641530.64 |
| 4290834.44 | 116.90450  | (16021701) |            |           |
| 641570.64  | 4290834.44 | 128.85411  | (16021024) | 641610.64 |
| 4290834.44 | 127.86545  | (14020502) |            |           |
| 641650.64  | 4290834.44 | 142.60094  | (17031618) |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\*      \*\*\* C:\Lakes\AERMOD View\Baseline Road Fuel  
 Station\_TOG\Baseline Road Fu \*\*\*      08/18/25  
 \*\*\* AERMET - VERSION 19191 \*\*\*      \*\*\*  
                          \*\*\*      13:19:08

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\*\*\* MODELOPTs:      RegDFAULT    CONC    ELEV    URBAN    ADJ\_U\*

                         \*\*\* THE    1ST HIGHEST    1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP:    LOADING    \*\*\*

INCLUDING SOURCE(S): STCK1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF TOG IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 641284.31   | 4290506.68  | 78.82606   | (14022219) | 641324.31   |
| 4290506.68  | 88.85242    | (15121122) |            |             |
| 641364.31   | 4290506.68  | 102.73960  | (15121122) | 641404.31   |
| 4290506.68  | 119.69760   | (18020818) |            |             |
| 641284.31   | 4290546.68  | 79.63915   | (16012421) | 641324.31   |
| 4290546.68  | 91.45446    | (16012421) |            |             |
| 641364.31   | 4290546.68  | 106.17092  | (16012421) | 641404.31   |
| 4290546.68  | 126.28239   | (14022219) |            |             |
| 641284.31   | 4290586.68  | 81.43252   | (14120903) | 641324.31   |
| 4290586.68  | 93.18508    | (14120903) |            |             |
| 641364.31   | 4290586.68  | 108.21198  | (14120903) | 641404.31   |
| 4290586.68  | 127.86138   | (14120717) |            |             |
| 641284.31   | 4290626.68  | 77.09244   | (16021202) | 641324.31   |
| 4290626.68  | 87.37062    | (16021202) |            |             |
| 641364.31   | 4290626.68  | 100.60631  | (16021202) | 641404.31   |
| 4290626.68  | 117.17886   | (16021202) |            |             |
| 641284.31   | 4290666.68  | 74.92454   | (15011919) | 641324.31   |
| 4290666.68  | 85.62565    | (15011919) |            |             |
| 641364.31   | 4290666.68  | 99.16863   | (15011919) | 641404.31   |
| 4290666.68  | 114.76151   | (17021503) |            |             |
| 641284.31   | 4290706.68  | 73.34500   | (16022805) | 641324.31   |
| 4290706.68  | 83.87529    | (14013020) |            |             |
| 641364.31   | 4290706.68  | 97.02232   | (14013020) | 641404.31   |
| 4290706.68  | 111.35478   | (17021218) |            |             |
| 641284.31   | 4290746.68  | 71.54846   | (17021218) | 641324.31   |
| 4290746.68  | 80.48695    | (14120908) |            |             |
| 641364.31   | 4290746.68  | 92.63196   | (18020921) | 641404.31   |
| 4290746.68  | 106.34050   | (18020921) |            |             |
| 641284.31   | 4290786.68  | 69.70901   | (18020921) | 641324.31   |
| 4290786.68  | 76.38491    | (18020921) |            |             |
| 641364.31   | 4290786.68  | 87.57513   | (17020822) | 641404.31   |
| 4290786.68  | 98.57309    | (17020822) |            |             |
| 641284.31   | 4290826.68  | 66.52910   | (17020822) | 641324.31   |
| 4290826.68  | 72.94490    | (17020822) |            |             |
| 641364.31   | 4290826.68  | 79.25541   | (15021802) | 641404.31   |
| 4290826.68  | 82.43742    | (15021802) |            |             |
| 641284.31   | 4290866.68  | 61.64197   | (15021802) | 641324.31   |
| 4290866.68  | 64.28888    | (15021802) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 641364.31  | 4290866.68 | 63.36044   | (15021802) | 641404.31 |
| 4290866.68 | 70.05840   | (17021620) |            |           |
| 641268.28  | 4290889.76 | 56.28473   | (15021802) | 641308.28 |
| 4290889.76 | 57.00531   | (15021802) |            |           |
| 641348.28  | 4290889.76 | 57.75620   | (17021620) | 641388.28 |
| 4290889.76 | 63.51614   | (15020801) |            |           |
| 641428.28  | 4290889.76 | 70.01638   | (16011623) | 641468.28 |
| 4290889.76 | 77.23145   | (17021219) |            |           |
| 641508.28  | 4290889.76 | 85.36679   | (18020218) | 641548.28 |
| 4290889.76 | 93.68641   | (18020802) |            |           |
| 641588.28  | 4290889.76 | 94.20571   | (14020502) | 641628.28 |
| 4290889.76 | 113.86272  | (17031618) |            |           |
| 642188.28  | 4290889.76 | 53.09490   | (15010721) | 642228.28 |
| 4290889.76 | 50.16336   | (15010721) |            |           |
| 642268.28  | 4290889.76 | 46.01778   | (16011701) | 642308.28 |
| 4290889.76 | 43.74778   | (16011701) |            |           |
| 642348.28  | 4290889.76 | 40.72387   | (16011701) | 642388.28 |
| 4290889.76 | 37.62980   | (18010422) |            |           |
| 642428.28  | 4290889.76 | 34.96720   | (14120720) | 641268.28 |
| 4290929.76 | 46.26059   | (15021802) |            |           |
| 641308.28  | 4290929.76 | 49.74955   | (17021620) | 641348.28 |
| 4290929.76 | 53.46332   | (15021624) |            |           |
| 641388.28  | 4290929.76 | 58.26245   | (16011623) | 641428.28 |
| 4290929.76 | 63.51127   | (17021219) |            |           |
| 641468.28  | 4290929.76 | 69.72757   | (16021701) | 641508.28 |
| 4290929.76 | 75.60274   | (18020218) |            |           |
| 641548.28  | 4290929.76 | 79.66753   | (18020802) | 641588.28 |
| 4290929.76 | 76.55860   | (18080523) |            |           |
| 641628.28  | 4290929.76 | 101.00414  | (17031618) | 642188.28 |
| 4290929.76 | 44.88743   | (16020921) |            |           |
| 642228.28  | 4290929.76 | 44.92596   | (16020921) | 642268.28 |
| 4290929.76 | 43.36273   | (15010721) |            |           |
| 642308.28  | 4290929.76 | 40.96409   | (15010721) | 642348.28 |
| 4290929.76 | 37.99027   | (16011701) |            |           |
| 642388.28  | 4290929.76 | 36.40529   | (16011701) | 642428.28 |
| 4290929.76 | 34.27216   | (16011701) |            |           |
| 641268.28  | 4290969.76 | 43.17940   | (17021620) | 641308.28 |
| 4290969.76 | 45.95904   | (18010924) |            |           |
| 641348.28  | 4290969.76 | 49.60801   | (16011623) | 641388.28 |
| 4290969.76 | 53.45426   | (14121223) |            |           |
| 641428.28  | 4290969.76 | 58.45232   | (16021701) | 641468.28 |
| 4290969.76 | 63.13504   | (18020218) |            |           |

\*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Baseline Road Fuel  
 Station\_TOG\Baseline Road Fu \*\*\* 08/18/25  
 \*\*\* AERMET - VERSION 19191 \*\*\*  
 \*\*\* 13:19:08

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: LOADING \*\*\*  
INCLUDING SOURCE(S): STCK1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS  
\*\*\*

|             |             | ** CONC OF TOG |            | IN MICROGRAMS/M**3 |  |
|-------------|-------------|----------------|------------|--------------------|--|
| **          |             |                |            |                    |  |
| X-COORD (M) | Y-COORD (M) | CONC           | (YYMMDDHH) | X-COORD (M)        |  |
| Y-COORD (M) | CONC        | (YYMMDDHH)     |            |                    |  |
| -----       |             |                |            |                    |  |
| 641508.28   | 4290969.76  | 67.00633       | (18020802) | 641548.28          |  |
| 4290969.76  | 65.48206    | (14020502)     |            |                    |  |
| 641588.28   | 4290969.76  | 66.19620       | (15072824) | 641628.28          |  |
| 4290969.76  | 87.37472    | (17031618)     |            |                    |  |
| 641668.28   | 4290969.76  | 88.56581       | (17031618) | 641708.28          |  |
| 4290969.76  | 83.90985    | (17111516)     |            |                    |  |
| 641748.28   | 4290969.76  | 75.31394       | (17020903) | 641788.28          |  |
| 4290969.76  | 74.31181    | (17010416)     |            |                    |  |
| 641828.28   | 4290969.76  | 70.95896       | (18020320) | 641868.28          |  |
| 4290969.76  | 67.86227    | (14122319)     |            |                    |  |
| 641908.28   | 4290969.76  | 67.17476       | (17021519) | 641948.28          |  |
| 4290969.76  | 67.22005    | (15021022)     |            |                    |  |
| 642188.28   | 4290969.76  | 42.14876       | (16013022) | 642228.28          |  |
| 4290969.76  | 39.23244    | (18010219)     |            |                    |  |
| 642268.28   | 4290969.76  | 38.10883       | (16020921) | 642308.28          |  |
| 4290969.76  | 37.59344    | (16020921)     |            |                    |  |
| 642348.28   | 4290969.76  | 36.27343       | (15010721) | 642388.28          |  |
| 4290969.76  | 34.29024    | (15010721)     |            |                    |  |
| 642428.28   | 4290969.76  | 32.10115       | (16011701) | 641268.28          |  |
| 4291009.76  | 40.20851    | (18010924)     |            |                    |  |
| 641308.28   | 4291009.76  | 42.96107       | (16011623) | 641348.28          |  |
| 4291009.76  | 46.02032    | (14121223)     |            |                    |  |
| 641388.28   | 4291009.76  | 49.83243       | (16021701) | 641428.28          |  |
| 4291009.76  | 53.35309    | (18020218)     |            |                    |  |
| 641468.28   | 4291009.76  | 56.44263       | (16021024) | 641508.28          |  |
| 4291009.76  | 57.79741    | (18020802)     |            |                    |  |
| 641548.28   | 4291009.76  | 55.46607       | (18080523) | 641588.28          |  |
| 4291009.76  | 58.59381    | (17031618)     |            |                    |  |
| 641628.28   | 4291009.76  | 74.81156       | (17031618) | 641668.28          |  |
| 4291009.76  | 70.44634    | (17031618)     |            |                    |  |
| 641708.28   | 4291009.76  | 68.88297       | (17111516) | 641748.28          |  |
| 4291009.76  | 64.89590    | (17020903)     |            |                    |  |
| 641788.28   | 4291009.76  | 64.11979       | (14012518) | 641828.28          |  |
| 4291009.76  | 62.53225    | (18020320)     |            |                    |  |
| 641868.28   | 4291009.76  | 59.55201       | (17021521) | 641908.28          |  |
| 4291009.76  | 56.34635    | (14011518)     |            |                    |  |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 641948.28  | 4291009.76 | 58.44187   | (17021519) | 642188.28 |
| 4291009.76 | 40.30418   | (16121022) |            |           |
| 642228.28  | 4291009.76 | 37.09195   | (16013022) | 642268.28 |
| 4291009.76 | 34.63833   | (18010219) |            |           |
| 642308.28  | 4291009.76 | 32.46801   | (16011624) | 642348.28 |
| 4291009.76 | 32.73600   | (16020921) |            |           |
| 642388.28  | 4291009.76 | 31.98681   | (16020921) | 642428.28 |
| 4291009.76 | 30.92834   | (15010721) |            |           |
| 641268.28  | 4291049.76 | 37.66315   | (16011623) | 641308.28 |
| 4291049.76 | 40.14791   | (14121223) |            |           |
| 641348.28  | 4291049.76 | 43.14293   | (16021701) | 641388.28 |
| 4291049.76 | 45.61108   | (18020218) |            |           |
| 641428.28  | 4291049.76 | 48.33699   | (15020718) | 641468.28 |
| 4291049.76 | 50.79422   | (18020802) |            |           |
| 641508.28  | 4291049.76 | 48.95279   | (14020502) | 641548.28 |
| 4291049.76 | 49.12042   | (15072824) |            |           |
| 641588.28  | 4291049.76 | 54.55829   | (17031618) | 641628.28 |
| 4291049.76 | 63.81447   | (17031618) |            |           |
| 641668.28  | 4291049.76 | 56.84063   | (17031618) | 641708.28 |
| 4291049.76 | 57.72225   | (17111516) |            |           |
| 641748.28  | 4291049.76 | 56.70030   | (17020903) | 641788.28 |
| 4291049.76 | 56.26795   | (14120307) |            |           |
| 641828.28  | 4291049.76 | 55.13115   | (18020320) | 641868.28 |
| 4291049.76 | 52.66992   | (14012619) |            |           |
| 641908.28  | 4291049.76 | 50.60988   | (14120806) | 641948.28 |
| 4291049.76 | 50.31379   | (17021519) |            |           |
| 642188.28  | 4291049.76 | 37.91368   | (15021919) | 642228.28 |
| 4291049.76 | 35.63246   | (16121022) |            |           |
| 642268.28  | 4291049.76 | 32.92132   | (16013022) | 642308.28 |
| 4291049.76 | 30.91341   | (17010422) |            |           |
| 642348.28  | 4291049.76 | 29.18983   | (18010219) | 642388.28 |
| 4291049.76 | 28.52991   | (16020921) |            |           |
| 642428.28  | 4291049.76 | 28.44390   | (16020921) | 641268.28 |
| 4291089.76 | 35.44813   | (14121223) |            |           |
| 641308.28  | 4291089.76 | 37.76199   | (16021701) | 641348.28 |
| 4291089.76 | 39.64342   | (16021701) |            |           |
| 641388.28  | 4291089.76 | 42.41285   | (18020218) | 641428.28 |
| 4291089.76 | 44.40787   | (18020802) |            |           |
| 641468.28  | 4291089.76 | 44.36689   | (14020502) | 641508.28 |
| 4291089.76 | 42.73156   | (14012318) |            |           |
| 641548.28  | 4291089.76 | 44.29581   | (15072824) | 641588.28 |
| 4291089.76 | 49.86313   | (17031618) |            |           |
| 641628.28  | 4291089.76 | 54.35706   | (17031618) | 641668.28 |
| 4291089.76 | 49.23244   | (17111516) |            |           |

\*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Baseline Road Fuel  
 Station\_TOG\Baseline Road Fu \*\*\* 08/18/25  
 \*\*\* AERMET - VERSION 19191 \*\*\*  
 \*\*\* 13:19:08

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: LOADING \*\*\*

INCLUDING SOURCE(S): STCK1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF TOG IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 641708.28   | 4291089.76  | 49.03219   | (15081622) | 641748.28   |
| 4291089.76  | 50.11307    | (17020903) |            |             |
| 641788.28   | 4291089.76  | 49.91728   | (14120307) | 641828.28   |
| 4291089.76  | 48.73958    | (18020320) |            |             |
| 641868.28   | 4291089.76  | 46.72335   | (17021619) | 641908.28   |
| 4291089.76  | 45.55865    | (14122319) |            |             |
| 641948.28   | 4291089.76  | 43.53528   | (14011518) | 641988.28   |
| 4291089.76  | 45.15112    | (17021519) |            |             |
| 642028.28   | 4291089.76  | 44.56187   | (15021022) | 642068.28   |
| 4291089.76  | 42.32872    | (14013002) |            |             |
| 642108.28   | 4291089.76  | 39.46581   | (14013002) | 642148.28   |
| 4291089.76  | 37.63538    | (17021520) |            |             |
| 641268.28   | 4291129.76  | 33.38251   | (16021701) | 641308.28   |
| 4291129.76  | 35.26312    | (16021701) |            |             |
| 641348.28   | 4291129.76  | 37.44741   | (18020218) | 641388.28   |
| 4291129.76  | 38.97350    | (16021024) |            |             |
| 641428.28   | 4291129.76  | 40.12392   | (18020802) | 641468.28   |
| 4291129.76  | 38.39592    | (14020502) |            |             |
| 641508.28   | 4291129.76  | 38.62539   | (18080523) | 641548.28   |
| 4291129.76  | 40.14361    | (18052903) |            |             |
| 641588.28   | 4291129.76  | 45.04568   | (17031618) | 641628.28   |
| 4291129.76  | 46.38524    | (17031618) |            |             |
| 641668.28   | 4291129.76  | 43.69708   | (17111516) | 641708.28   |
| 4291129.76  | 43.80150    | (15081622) |            |             |
| 641748.28   | 4291129.76  | 44.71891   | (17020903) | 641788.28   |
| 4291129.76  | 44.71044    | (14120401) |            |             |
| 641828.28   | 4291129.76  | 43.23890   | (14010818) | 641868.28   |
| 4291129.76  | 42.45531    | (18020320) |            |             |
| 641908.28   | 4291129.76  | 41.20261   | (17021521) | 641948.28   |
| 4291129.76  | 39.62607    | (14120806) |            |             |
| 641988.28   | 4291129.76  | 39.57082   | (17021519) | 642028.28   |
| 4291129.76  | 40.33315    | (16121222) |            |             |
| 642068.28   | 4291129.76  | 38.96898   | (15021022) | 642108.28   |
| 4291129.76  | 37.41067    | (14013002) |            |             |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 642148.28  | 4291129.76 | 35.09069   | (17021520) | 641374.56 |
| 4290226.75 | 79.54420   | (18020418) |            |           |
| 641414.56  | 4290226.75 | 84.10821   | (15021323) | 641454.56 |
| 4290226.75 | 90.20821   | (16010301) |            |           |
| 641494.56  | 4290226.75 | 96.83664   | (14021718) | 641534.56 |
| 4290226.75 | 101.26747  | (15010718) |            |           |
| 641574.56  | 4290226.75 | 107.22650  | (18010118) | 641614.56 |
| 4290226.75 | 112.80479  | (15120619) |            |           |
| 641654.56  | 4290226.75 | 115.33167  | (14020301) | 641694.56 |
| 4290226.75 | 118.52471  | (15011821) |            |           |
| 641734.56  | 4290226.75 | 114.33614  | (18010719) | 641774.56 |
| 4290226.75 | 120.74033  | (14051219) |            |           |
| 641814.56  | 4290226.75 | 108.78768  | (18010318) | 641854.56 |
| 4290226.75 | 107.25604  | (18012817) |            |           |
| 641894.56  | 4290226.75 | 114.68123  | (18012817) | 641934.56 |
| 4290226.75 | 97.23205   | (18012817) |            |           |
| 641974.56  | 4290226.75 | 85.14594   | (16012520) | 642014.56 |
| 4290226.75 | 72.79038   | (14120102) |            |           |
| 642054.56  | 4290226.75 | 68.60383   | (14021320) | 642094.56 |
| 4290226.75 | 63.21378   | (14120622) |            |           |
| 642134.56  | 4290226.75 | 58.36295   | (15021324) | 642174.56 |
| 4290226.75 | 53.86924   | (16022123) |            |           |
| 642214.56  | 4290226.75 | 50.51638   | (16021407) | 642254.56 |
| 4290226.75 | 47.03761   | (15021204) |            |           |
| 642294.56  | 4290226.75 | 44.29805   | (18011620) | 642334.56 |
| 4290226.75 | 40.83245   | (18122307) |            |           |
| 642374.56  | 4290226.75 | 38.43491   | (18020924) | 642414.56 |
| 4290226.75 | 35.88211   | (18020924) |            |           |
| 642454.56  | 4290226.75 | 32.81316   | (18020924) | 642494.56 |
| 4290226.75 | 29.49322   | (18020924) |            |           |
| 642534.56  | 4290226.75 | 26.13904   | (18020924) | 642574.56 |
| 4290226.75 | 22.89836   | (18020924) |            |           |
| 642614.56  | 4290226.75 | 20.03222   | (18020123) | 641374.56 |
| 4290266.75 | 84.25934   | (18020702) |            |           |
| 641414.56  | 4290266.75 | 93.76253   | (18020418) | 641454.56 |
| 4290266.75 | 99.88439   | (15021323) |            |           |
| 641494.56  | 4290266.75 | 107.47531  | (14021718) | 641534.56 |
| 4290266.75 | 117.72660  | (16022819) |            |           |
| 641574.56  | 4290266.75 | 122.87937  | (18020119) | 641614.56 |
| 4290266.75 | 130.22505  | (14021719) |            |           |
| 641654.56  | 4290266.75 | 134.09580  | (18121517) | 641694.56 |
| 4290266.75 | 138.68618  | (15011821) |            |           |
| 641734.56  | 4290266.75 | 136.28438  | (18052819) | 641774.56 |
| 4290266.75 | 141.51216  | (14051219) |            |           |
| 641814.56  | 4290266.75 | 126.11512  | (15012721) | 641854.56 |
| 4290266.75 | 140.46088  | (18012817) |            |           |

\*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Baseline Road Fuel  
 Station\_TOG\Baseline Road Fu \*\*\* 08/18/25

\*\*\* AERMET - VERSION 19191 \*\*\*

\*\*\* 13:19:08

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: LOADING \*\*\*

INCLUDING SOURCE(S): STCK1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF TOG IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 641894.56   | 4290266.75  | 134.65310  | (18012817) | 641934.56   |
| 4290266.75  | 106.53773   | (15021418) |            |             |
| 641974.56   | 4290266.75  | 85.95319   | (14022106) | 642014.56   |
| 4290266.75  | 80.94807    | (14021320) |            |             |
| 642054.56   | 4290266.75  | 74.12235   | (14120622) | 642094.56   |
| 4290266.75  | 67.72135    | (15021324) |            |             |
| 642134.56   | 4290266.75  | 62.05872   | (18120403) | 642174.56   |
| 4290266.75  | 57.66382    | (16021407) |            |             |
| 642214.56   | 4290266.75  | 53.83629   | (17013017) | 642254.56   |
| 4290266.75  | 49.54576    | (18011620) |            |             |
| 642294.56   | 4290266.75  | 45.93919   | (18122307) | 642334.56   |
| 4290266.75  | 42.66010    | (18020924) |            |             |
| 642374.56   | 4290266.75  | 38.79914   | (18020924) | 642414.56   |
| 4290266.75  | 34.57714    | (18020924) |            |             |
| 642454.56   | 4290266.75  | 30.34571   | (18020924) | 642494.56   |
| 4290266.75  | 26.29486    | (18020924) |            |             |
| 642534.56   | 4290266.75  | 22.99939   | (18020123) | 642574.56   |
| 4290266.75  | 21.66198    | (18013122) |            |             |
| 642614.56   | 4290266.75  | 20.35794   | (18013122) | 641374.56   |
| 4290306.75  | 92.19013    | (14022218) |            |             |
| 641414.56   | 4290306.75  | 100.24265  | (18020702) | 641454.56   |
| 4290306.75  | 112.64217   | (18020418) |            |             |
| 641494.56   | 4290306.75  | 120.55134  | (15021323) | 641534.56   |
| 4290306.75  | 133.14631   | (14021718) |            |             |
| 641574.56   | 4290306.75  | 141.00881  | (15010718) | 641614.56   |
| 4290306.75  | 152.12320   | (18010118) |            |             |
| 641654.56   | 4290306.75  | 159.53287  | (15021120) | 641694.56   |
| 4290306.75  | 164.74213   | (15011821) |            |             |
| 641734.56   | 4290306.75  | 171.57045  | (18052819) | 641774.56   |
| 4290306.75  | 170.52837   | (14051219) |            |             |
| 641814.56   | 4290306.75  | 156.07416  | (18012817) | 641854.56   |
| 4290306.75  | 181.72114   | (18012817) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 641894.56  | 4290306.75 | 150.60320  | (18012817) | 641934.56 |
| 4290306.75 | 110.93267  | (16012520) |            |           |
| 641974.56  | 4290306.75 | 97.35152   | (14021320) | 642014.56 |
| 4290306.75 | 88.71606   | (14120622) |            |           |
| 642054.56  | 4290306.75 | 79.93683   | (15021324) | 642094.56 |
| 4290306.75 | 72.82902   | (15010820) |            |           |
| 642134.56  | 4290306.75 | 69.05381   | (17013017) | 642174.56 |
| 4290306.75 | 65.39253   | (17013017) |            |           |
| 642214.56  | 4290306.75 | 56.18642   | (18122307) | 642254.56 |
| 4290306.75 | 51.82763   | (18020924) |            |           |
| 642294.56  | 4290306.75 | 46.86181   | (18020924) | 642334.56 |
| 4290306.75 | 41.35717   | (18020924) |            |           |
| 642374.56  | 4290306.75 | 35.78977   | (18020924) | 642414.56 |
| 4290306.75 | 30.53936   | (18020924) |            |           |
| 642454.56  | 4290306.75 | 26.72846   | (18013122) | 642494.56 |
| 4290306.75 | 25.01761   | (18013122) |            |           |
| 642534.56  | 4290306.75 | 23.24253   | (18013122) | 642574.56 |
| 4290306.75 | 21.95975   | (14013001) |            |           |
| 642614.56  | 4290306.75 | 30.54984   | (16022120) | 641374.56 |
| 4290346.75 | 98.88682   | (14022803) |            |           |
| 641414.56  | 4290346.75 | 109.85096  | (14022218) | 641454.56 |
| 4290346.75 | 121.91601  | (18020702) |            |           |
| 641494.56  | 4290346.75 | 139.07227  | (18020418) | 641534.56 |
| 4290346.75 | 151.10351  | (18121506) |            |           |
| 641574.56  | 4290346.75 | 168.15879  | (16022819) | 641614.56 |
| 4290346.75 | 178.92108  | (18020119) |            |           |
| 641654.56  | 4290346.75 | 193.62813  | (15120619) | 641694.56 |
| 4290346.75 | 199.25603  | (15011821) |            |           |
| 641734.56  | 4290346.75 | 224.83803  | (18052819) | 641774.56 |
| 4290346.75 | 203.24350  | (14051219) |            |           |
| 641814.56  | 4290346.75 | 227.01274  | (18012817) | 641854.56 |
| 4290346.75 | 227.22816  | (18012817) |            |           |
| 641894.56  | 4290346.75 | 154.59844  | (18012817) | 641934.56 |
| 4290346.75 | 121.20608  | (14120102) |            |           |
| 641974.56  | 4290346.75 | 110.30661  | (17013117) | 642014.56 |
| 4290346.75 | 96.79984   | (18012304) |            |           |
| 642054.56  | 4290346.75 | 87.46705   | (16021407) | 642094.56 |
| 4290346.75 | 90.01374   | (17013017) |            |           |
| 642134.56  | 4290346.75 | 78.61378   | (17013017) | 642174.56 |
| 4290346.75 | 64.82222   | (18020924) |            |           |
| 642214.56  | 4290346.75 | 58.19038   | (18020924) | 642254.56 |
| 4290346.75 | 50.68026   | (18020924) |            |           |
| 642294.56  | 4290346.75 | 43.15857   | (18020924) | 642334.56 |
| 4290346.75 | 36.15504   | (18020924) |            |           |
| 642374.56  | 4290346.75 | 31.71784   | (18013122) | 642414.56 |
| 4290346.75 | 29.23676   | (18013122) |            |           |
| 642454.56  | 4290346.75 | 27.16915   | (14013001) | 642494.56 |
| 4290346.75 | 25.66183   | (14013001) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Baseline Road Fuel  
 Station\_TOG\Baseline Road Fu \*\*\* 08/18/25

\*\*\* AERMET - VERSION 19191 \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: LOADING \*\*\*  
INCLUDING SOURCE(S): STCK1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF TOG IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 642534.56   | 4290346.75  | 24.23941   | (14012924) | 642574.56   |
| 4290346.75  | 22.84625    | (14012924) |            |             |
| 642614.56   | 4290346.75  | 31.22541   | (18020220) | 641374.56   |
| 4290386.75  | 106.58927   | (14120218) |            |             |
| 641414.56   | 4290386.75  | 118.93862  | (14022803) | 641454.56   |
| 4290386.75  | 134.15082   | (15120808) |            |             |
| 641494.56   | 4290386.75  | 152.31712  | (18020702) | 641534.56   |
| 4290386.75  | 176.64974   | (18020418) |            |             |
| 641574.56   | 4290386.75  | 195.06557  | (16010301) | 641614.56   |
| 4290386.75  | 218.47899   | (16022819) |            |             |
| 641654.56   | 4290386.75  | 239.59779  | (14021719) | 641694.56   |
| 4290386.75  | 249.02324   | (16022921) |            |             |
| 641734.56   | 4290386.75  | 310.92272  | (14051219) | 641774.56   |
| 4290386.75  | 236.87036   | (14051219) |            |             |
| 641814.56   | 4290386.75  | 329.43493  | (18012817) | 641854.56   |
| 4290386.75  | 263.55141   | (18012817) |            |             |
| 641894.56   | 4290386.75  | 156.74553  | (14120102) | 641934.56   |
| 4290386.75  | 154.28813   | (17013117) |            |             |
| 641974.56   | 4290386.75  | 120.64578  | (18012304) | 642014.56   |
| 4290386.75  | 122.84413   | (17013017) |            |             |
| 642054.56   | 4290386.75  | 117.19512  | (17013017) | 642094.56   |
| 4290386.75  | 91.39632    | (17013017) |            |             |
| 642134.56   | 4290386.75  | 75.02015   | (18020924) | 642174.56   |
| 4290386.75  | 64.20922    | (18020924) |            |             |
| 642214.56   | 4290386.75  | 53.45454   | (18020924) | 642254.56   |
| 4290386.75  | 43.67627    | (18020924) |            |             |
| 642294.56   | 4290386.75  | 38.42042   | (18013122) | 642334.56   |
| 4290386.75  | 34.92942    | (14013001) |            |             |
| 642374.56   | 4290386.75  | 32.61721   | (14013001) | 642414.56   |
| 4290386.75  | 30.45704    | (14012924) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 642454.56  | 4290386.75 | 28.38803   | (14012924) | 642494.56 |
| 4290386.75 | 26.36324   | (14012924) |            |           |
| 642534.56  | 4290386.75 | 24.41762   | (14012924) | 642574.56 |
| 4290386.75 | 23.01041   | (18011619) |            |           |
| 642614.56  | 4290386.75 | 21.66709   | (15020222) | 641374.56 |
| 4290426.75 | 105.47203  | (14120218) |            |           |
| 641414.56  | 4290426.75 | 129.18885  | (14120218) | 641454.56 |
| 4290426.75 | 148.94885  | (14020619) |            |           |
| 641494.56  | 4290426.75 | 169.44249  | (14022803) | 641534.56 |
| 4290426.75 | 200.30035  | (14022218) |            |           |
| 641574.56  | 4290426.75 | 238.46516  | (18020418) | 641614.56 |
| 4290426.75 | 274.23769  | (14021718) |            |           |
| 641654.56  | 4290426.75 | 311.45710  | (14032018) | 641694.56 |
| 4290426.75 | 352.88547  | (15031518) |            |           |
| 641734.56  | 4290426.75 | 457.68823  | (14051219) | 641774.56 |
| 4290426.75 | 401.62790  | (18012817) |            |           |
| 641814.56  | 4290426.75 | 460.77591  | (18012817) | 641854.56 |
| 4290426.75 | 262.90733  | (18012817) |            |           |
| 641894.56  | 4290426.75 | 228.61777  | (17013117) | 641934.56 |
| 4290426.75 | 157.00240  | (16022123) |            |           |
| 641974.56  | 4290426.75 | 181.67592  | (17013017) | 642014.56 |
| 4290426.75 | 150.81230  | (17013017) |            |           |
| 642054.56  | 4290426.75 | 102.10164  | (18020924) | 642094.56 |
| 4290426.75 | 85.27357   | (18020924) |            |           |
| 642134.56  | 4290426.75 | 68.72550   | (18020924) | 642174.56 |
| 4290426.75 | 54.21384   | (18020924) |            |           |
| 642214.56  | 4290426.75 | 47.70199   | (18013122) | 642254.56 |
| 4290426.75 | 43.60393   | (14013001) |            |           |
| 642294.56  | 4290426.75 | 40.10157   | (14012924) | 642334.56 |
| 4290426.75 | 36.71664   | (14012924) |            |           |
| 642374.56  | 4290426.75 | 33.49203   | (14012924) | 642414.56 |
| 4290426.75 | 30.88625   | (18011619) |            |           |
| 642454.56  | 4290426.75 | 28.71343   | (15020222) | 642494.56 |
| 4290426.75 | 26.82774   | (15020222) |            |           |
| 642534.56  | 4290426.75 | 25.04697   | (15020222) | 642574.56 |
| 4290426.75 | 23.35950   | (15020222) |            |           |
| 642614.56  | 4290426.75 | 21.79696   | (15020222) | 641374.56 |
| 4290466.75 | 108.21502  | (18033018) |            |           |
| 641414.56  | 4290466.75 | 132.05295  | (18033018) | 641454.56 |
| 4290466.75 | 152.16738  | (14120218) |            |           |
| 641494.56  | 4290466.75 | 191.52363  | (14120218) | 641534.56 |
| 4290466.75 | 230.48461  | (14022803) |            |           |
| 641574.56  | 4290466.75 | 283.09814  | (14022218) | 641614.56 |
| 4290466.75 | 343.33488  | (18020418) |            |           |
| 641654.56  | 4290466.75 | 423.59844  | (14032018) | 641694.56 |
| 4290466.75 | 615.33895  | (15031518) |            |           |
| 641734.56  | 4290466.75 | 746.11887  | (14051219) | 641774.56 |
| 4290466.75 | 743.94256  | (18012817) |            |           |
| 641814.56  | 4290466.75 | 569.19600  | (18012817) | 641854.56 |
| 4290466.75 | 371.04482  | (17013117) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\*      \*\*\* C:\Lakes\AERMOD View\Baseline Road Fuel  
 Station\_TOG\Baseline Road Fu \*\*\*      08/18/25  
 \*\*\* AERMET - VERSION 19191 \*\*\*      \*\*\*  
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\*\*\* MODELOPTs:      RegDFAULT    CONC    ELEV    URBAN    ADJ\_U\*

\*\*\* THE    1ST HIGHEST    1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP:    LOADING    \*\*\*  
                                  INCLUDING SOURCE(S):      STCK1      ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

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\*\* CONC OF TOG      IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 641894.56   | 4290466.75  | 267.05052  | (17013017) | 641934.56   |
| 4290466.75  | 272.84184   | (17013017) |            |             |
| 641974.56   | 4290466.75  | 183.44676  | (17013017) | 642014.56   |
| 4290466.75  | 121.15160   | (18020924) |            |             |
| 642054.56   | 4290466.75  | 93.08228   | (18020924) | 642094.56   |
| 4290466.75  | 71.50124    | (18013122) |            |             |
| 642134.56   | 4290466.75  | 62.88220   | (14013001) | 642174.56   |
| 4290466.75  | 56.35563    | (14012924) |            |             |
| 642214.56   | 4290466.75  | 50.23728   | (14012924) | 642254.56   |
| 4290466.75  | 44.94837    | (18011619) |            |             |
| 642294.56   | 4290466.75  | 40.91283   | (15020222) | 642334.56   |
| 4290466.75  | 37.43659    | (15020222) |            |             |
| 642374.56   | 4290466.75  | 34.24050   | (15020222) | 642414.56   |
| 4290466.75  | 31.32623    | (15020222) |            |             |
| 642454.56   | 4290466.75  | 28.80036   | (18120621) | 642494.56   |
| 4290466.75  | 26.84731    | (18120621) |            |             |
| 642534.56   | 4290466.75  | 25.06090   | (18120621) | 642574.56   |
| 4290466.75  | 23.41162    | (18120621) |            |             |
| 642614.56   | 4290466.75  | 21.90771   | (18120621) | 641920.09   |
| 4290522.63  | 208.13305   | (18020924) |            |             |
| 641960.09   | 4290522.63  | 180.37265  | (15011516) | 642000.09   |
| 4290522.63  | 143.36461   | (15011516) |            |             |
| 642040.09   | 4290522.63  | 109.74173  | (15011516) | 642080.09   |
| 4290522.63  | 82.90565    | (15011516) |            |             |
| 642120.09   | 4290522.63  | 69.71221   | (15020222) | 642160.09   |
| 4290522.63  | 60.38255    | (15020222) |            |             |
| 642200.09   | 4290522.63  | 53.49538   | (18120621) | 642240.09   |
| 4290522.63  | 47.72181    | (18120621) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 642280.09  | 4290522.63 | 43.24560   | (14120819) | 642320.09 |
| 4290522.63 | 39.46198   | (14120819) |            |           |
| 642360.09  | 4290522.63 | 36.13519   | (14120819) | 642400.09 |
| 4290522.63 | 33.20275   | (14120819) |            |           |
| 642440.09  | 4290522.63 | 30.60515   | (14120819) | 642480.09 |
| 4290522.63 | 28.31343   | (14120819) |            |           |
| 642520.09  | 4290522.63 | 26.27356   | (14120819) | 642560.09 |
| 4290522.63 | 24.45158   | (14120819) |            |           |
| 642600.09  | 4290522.63 | 22.81708   | (14120819) | 641920.09 |
| 4290562.63 | 262.38823  | (15011516) |            |           |
| 641960.09  | 4290562.63 | 165.87438  | (15011516) | 642000.09 |
| 4290562.63 | 118.71451  | (14120819) |            |           |
| 642040.09  | 4290562.63 | 98.70801   | (14120819) | 642080.09 |
| 4290562.63 | 83.46319   | (14120819) |            |           |
| 642120.09  | 4290562.63 | 72.27306   | (18022719) | 642160.09 |
| 4290562.63 | 64.33796   | (18022719) |            |           |
| 642200.09  | 4290562.63 | 57.77036   | (18022719) | 642240.09 |
| 4290562.63 | 52.22900   | (18022719) |            |           |
| 642280.09  | 4290562.63 | 47.51900   | (18022719) | 642320.09 |
| 4290562.63 | 43.47883   | (18022719) |            |           |
| 642360.09  | 4290562.63 | 39.98294   | (18022719) | 642400.09 |
| 4290562.63 | 36.93487   | (18022719) |            |           |
| 642440.09  | 4290562.63 | 34.25796   | (18022719) | 642480.09 |
| 4290562.63 | 31.89544   | (18022719) |            |           |
| 642520.09  | 4290562.63 | 29.79660   | (18022719) | 642560.09 |
| 4290562.63 | 27.91846   | (18022719) |            |           |
| 642600.09  | 4290562.63 | 26.22698   | (18022719) | 641920.09 |
| 4290602.63 | 241.44222  | (18022719) |            |           |
| 641960.09  | 4290602.63 | 184.45996  | (18022719) | 642000.09 |
| 4290602.63 | 147.14742  | (18022719) |            |           |
| 642040.09  | 4290602.63 | 121.12181  | (18022719) | 642080.09 |
| 4290602.63 | 102.09679  | (18022719) |            |           |
| 642120.09  | 4290602.63 | 87.67711   | (18022719) | 642160.09 |
| 4290602.63 | 76.42414   | (18022719) |            |           |
| 642200.09  | 4290602.63 | 67.46814   | (18022719) | 642240.09 |
| 4290602.63 | 60.15532   | (18022719) |            |           |
| 642280.09  | 4290602.63 | 54.10093   | (18022719) | 642320.09 |
| 4290602.63 | 49.02210   | (18022719) |            |           |
| 642360.09  | 4290602.63 | 44.70914   | (18022719) | 642400.09 |
| 4290602.63 | 41.00748   | (18022719) |            |           |
| 642440.09  | 4290602.63 | 37.80193   | (18022719) | 642480.09 |
| 4290602.63 | 35.00238   | (18022719) |            |           |
| 642520.09  | 4290602.63 | 32.53987   | (18022719) | 642560.09 |
| 4290602.63 | 30.35728   | (18022719) |            |           |
| 642600.09  | 4290602.63 | 28.39233   | (18022719) | 641920.09 |
| 4290642.63 | 275.95519  | (16052319) |            |           |
| 641960.09  | 4290642.63 | 199.90068  | (15032618) | 642000.09 |
| 4290642.63 | 154.25281  | (15032618) |            |           |
| 642040.09  | 4290642.63 | 122.09306  | (16021319) | 642080.09 |
| 4290642.63 | 102.21236  | (16021319) |            |           |

642120.09 4290642.63 87.38860 (14120824) 642160.09  
 4290642.63 76.29077 (14120824)  
 \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Baseline Road Fuel  
 Station\_TOG\Baseline Road Fu \*\*\* 08/18/25  
 \*\*\* AERMET - VERSION 19191 \*\*\*  
 \*\*\* 13:19:08

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: LOADING \*\*\*

INCLUDING SOURCE(S): STCK1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

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\*\* CONC OF TOG IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 642200.09   | 4290642.63  | 67.32743   | (14120824) | 642240.09   |
| 4290642.63  | 59.93946    | (14120824) |            |             |
| 642280.09   | 4290642.63  | 53.78298   | (14120824) | 642320.09   |
| 4290642.63  | 48.77465    | (16012522) |            |             |
| 642360.09   | 4290642.63  | 44.61747   | (16012522) | 642400.09   |
| 4290642.63  | 41.02286    | (16012522) |            |             |
| 642440.09   | 4290642.63  | 37.88975   | (16012522) | 642480.09   |
| 4290642.63  | 35.13957    | (16012522) |            |             |
| 642520.09   | 4290642.63  | 32.70826   | (16012522) | 642560.09   |
| 4290642.63  | 30.54533    | (16012522) |            |             |
| 642600.09   | 4290642.63  | 28.59896   | (16012522) | 641920.09   |
| 4290682.63  | 483.34406   | (16112016) |            |             |
| 641960.09   | 4290682.63  | 280.86496  | (16112016) | 642000.09   |
| 4290682.63  | 143.83600   | (16052319) |            |             |
| 642040.09   | 4290682.63  | 116.04893  | (14013003) | 642080.09   |
| 4290682.63  | 98.53847    | (17123120) |            |             |
| 642120.09   | 4290682.63  | 85.47653   | (14013008) | 642160.09   |
| 4290682.63  | 75.29756    | (16021319) |            |             |
| 642200.09   | 4290682.63  | 67.39819   | (16021319) | 642240.09   |
| 4290682.63  | 60.55852    | (16021319) |            |             |
| 642280.09   | 4290682.63  | 54.64744   | (16021319) | 642320.09   |
| 4290682.63  | 49.52187    | (16021319) |            |             |
| 642360.09   | 4290682.63  | 45.05941   | (16021319) | 642400.09   |
| 4290682.63  | 41.15617    | (16021319) |            |             |
| 642440.09   | 4290682.63  | 37.72698   | (16021319) | 642480.09   |
| 4290682.63  | 34.77033    | (14120824) |            |             |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 642520.09  | 4290682.63 | 32.41573   | (14120824) | 642560.09 |
| 4290682.63 | 30.29736   | (14120824) |            |           |
| 642600.09  | 4290682.63 | 28.37753   | (14120824) | 641920.09 |
| 4290722.63 | 396.27041  | (16021917) |            |           |
| 641960.09  | 4290722.63 | 213.34238  | (16112016) | 642000.09 |
| 4290722.63 | 197.79365  | (16112016) |            |           |
| 642040.09  | 4290722.63 | 141.44129  | (16112016) | 642080.09 |
| 4290722.63 | 94.32393   | (14013003) |            |           |
| 642120.09  | 4290722.63 | 83.60467   | (14013003) | 642160.09 |
| 4290722.63 | 73.51478   | (14013003) |            |           |
| 642200.09  | 4290722.63 | 64.42343   | (14013003) | 642240.09 |
| 4290722.63 | 57.75874   | (17123120) |            |           |
| 642280.09  | 4290722.63 | 52.35983   | (17123120) | 642320.09 |
| 4290722.63 | 47.68958   | (14013008) |            |           |
| 642360.09  | 4290722.63 | 43.86102   | (14013008) | 642400.09 |
| 4290722.63 | 40.43534   | (16021319) |            |           |
| 642440.09  | 4290722.63 | 37.67641   | (16021319) | 642480.09 |
| 4290722.63 | 35.14261   | (16021319) |            |           |
| 642520.09  | 4290722.63 | 32.81941   | (16021319) | 642560.09 |
| 4290722.63 | 30.69015   | (16021319) |            |           |
| 642600.09  | 4290722.63 | 28.73316   | (16021319) | 641920.09 |
| 4290762.63 | 273.02450  | (16021917) |            |           |
| 641960.09  | 4290762.63 | 244.81406  | (16021917) | 642000.09 |
| 4290762.63 | 164.41009  | (16021917) |            |           |
| 642040.09  | 4290762.63 | 103.71346  | (16011701) | 642080.09 |
| 4290762.63 | 90.78767   | (16112016) |            |           |
| 642120.09  | 4290762.63 | 79.59129   | (14120720) | 642160.09 |
| 4290762.63 | 70.49186   | (14120720) |            |           |
| 642200.09  | 4290762.63 | 62.07983   | (14013003) | 642240.09 |
| 4290762.63 | 57.00616   | (14013003) |            |           |
| 642280.09  | 4290762.63 | 51.94183   | (14013003) | 642320.09 |
| 4290762.63 | 47.09752   | (14013003) |            |           |
| 642360.09  | 4290762.63 | 42.62070   | (18010417) | 642400.09 |
| 4290762.63 | 39.20039   | (17123120) |            |           |
| 642440.09  | 4290762.63 | 36.48228   | (17123120) | 642480.09 |
| 4290762.63 | 33.91785   | (17123120) |            |           |
| 642520.09  | 4290762.63 | 31.61606   | (14013008) | 642560.09 |
| 4290762.63 | 29.73067   | (14013008) |            |           |
| 642600.09  | 4290762.63 | 27.95134   | (14013008) | 641920.09 |
| 4290802.63 | 125.56893  | (14021018) |            |           |
| 641960.09  | 4290802.63 | 147.26397  | (16021917) | 642000.09 |
| 4290802.63 | 149.53282  | (16021917) |            |           |
| 642040.09  | 4290802.63 | 117.21027  | (16021917) | 642080.09 |
| 4290802.63 | 82.98170   | (15010721) |            |           |
| 642120.09  | 4290802.63 | 75.05282   | (16011701) | 642160.09 |
| 4290802.63 | 67.79907   | (16011701) |            |           |
| 642200.09  | 4290802.63 | 60.58080   | (16021218) | 642240.09 |
| 4290802.63 | 55.18641   | (14120720) |            |           |
| 642280.09  | 4290802.63 | 49.84917   | (14120720) | 642320.09 |
| 4290802.63 | 45.06946   | (16121108) |            |           |

642360.09 4290802.63 42.14485 (14013003) 642400.09  
 4290802.63 39.24407 (14013003)  
 642440.09 4290802.63 36.36290 (14013003) 642480.09  
 4290802.63 33.57583 (14013003)  
 \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Baseline Road Fuel  
 Station\_TOG\Baseline Road Fu \*\*\* 08/18/25  
 \*\*\* AERMET - VERSION 19191 \*\*\*  
 \*\*\* 13:19:08

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: LOADING \*\*\*  
 INCLUDING SOURCE(S): STCK1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

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\*\* CONC OF TOG IN MICROGRAMS/M\*\*3

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| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 642520.09   | 4290802.63  | 31.02000   | (18010417) | 642560.09   |
| 4290802.63  | 28.97118    | (18010417) |            |             |
| 642600.09   | 4290802.63  | 27.33253   | (17123120) | 641920.09   |
| 4290842.63  | 108.02574   | (17021520) |            |             |
| 641960.09   | 4290842.63  | 95.97752   | (14021018) | 642000.09   |
| 4290842.63  | 86.07858    | (16021917) |            |             |
| 642040.09   | 4290842.63  | 94.95701   | (16021917) | 642080.09   |
| 4290842.63  | 82.81845    | (16021917) |            |             |
| 642120.09   | 4290842.63  | 68.02413   | (15010721) | 642160.09   |
| 4290842.63  | 62.50303    | (15010721) |            |             |
| 642200.09   | 4290842.63  | 57.73915   | (16011701) | 642240.09   |
| 4290842.63  | 53.22623    | (16011701) |            |             |
| 642280.09   | 4290842.63  | 48.41718   | (18010422) | 642320.09   |
| 4290842.63  | 44.51888    | (14120720) |            |             |
| 642360.09   | 4290842.63  | 41.18369   | (14120720) | 642400.09   |
| 4290842.63  | 37.71270    | (14120720) |            |             |
| 642440.09   | 4290842.63  | 34.76361   | (16121108) | 642480.09   |
| 4290842.63  | 32.84552    | (14013003) |            |             |
| 642520.09   | 4290842.63  | 31.02914   | (14013003) | 642560.09   |
| 4290842.63  | 29.17631    | (14013003) |            |             |
| 642600.09   | 4290842.63  | 27.33697   | (14013003) | 641920.09   |
| 4290882.63  | 93.74639    | (14013002) |            |             |
| 641960.09   | 4290882.63  | 85.01894   | (17021520) | 642000.09   |
| 4290882.63  | 76.56738    | (14021018) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 642040.09  | 4290882.63 | 69.53027   | (16121022) | 642080.09 |
| 4290882.63 | 63.42723   | (16021917) |            |           |
| 642120.09  | 4290882.63 | 59.96717   | (16021917) | 642160.09 |
| 4290882.63 | 56.14739   | (16020921) |            |           |
| 642200.09  | 4290882.63 | 53.43924   | (15010721) | 642240.09 |
| 4290882.63 | 49.33151   | (15010721) |            |           |
| 642280.09  | 4290882.63 | 46.28358   | (16011701) | 642320.09 |
| 4290882.63 | 43.28350   | (16011701) |            |           |
| 642360.09  | 4290882.63 | 39.93214   | (18010422) | 642400.09 |
| 4290882.63 | 36.88828   | (16021218) |            |           |
| 642440.09  | 4290882.63 | 34.63255   | (14120720) | 642480.09 |
| 4290882.63 | 32.28235   | (14120720) |            |           |
| 642520.09  | 4290882.63 | 29.85713   | (14120720) | 642560.09 |
| 4290882.63 | 27.92864   | (16121108) |            |           |
| 642600.09  | 4290882.63 | 26.55838   | (14013003) | 641450.64 |
| 4290754.44 | 125.21089  | (17020822) |            |           |
| 641490.64  | 4290754.44 | 141.56873  | (15021802) | 641530.64 |
| 4290754.44 | 182.04274  | (15011116) |            |           |
| 641570.64  | 4290754.44 | 191.88472  | (15011116) | 641610.64 |
| 4290754.44 | 232.12183  | (16020817) |            |           |
| 641650.64  | 4290754.44 | 257.58047  | (18031818) | 641450.64 |
| 4290794.44 | 104.00917  | (15021802) |            |           |
| 641490.64  | 4290794.44 | 120.00860  | (15011116) | 641530.64 |
| 4290794.44 | 125.99141  | (16011623) |            |           |
| 641570.64  | 4290794.44 | 148.27009  | (16020817) | 641610.64 |
| 4290794.44 | 168.05510  | (18020802) |            |           |
| 641650.64  | 4290794.44 | 203.19017  | (18102717) | 641450.64 |
| 4290834.44 | 85.81120   | (17021620) |            |           |
| 641490.64  | 4290834.44 | 96.34157   | (14120505) | 641530.64 |
| 4290834.44 | 109.84880  | (16021701) |            |           |
| 641570.64  | 4290834.44 | 124.21598  | (18020218) | 641610.64 |
| 4290834.44 | 130.31938  | (18020802) |            |           |
| 641650.64  | 4290834.44 | 179.06485  | (17031618) |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Baseline Road Fuel  
 Station\_TOG\Baseline Road Fu \*\*\* 08/18/25

\*\*\* AERMET - VERSION 19191 \*\*\*  
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\*\*\* MODELOPTs: RegDFault CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: BREATHIN \*\*\*  
 INCLUDING SOURCE(S): STCK2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS  
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\*\* CONC OF TOG IN MICROGRAMS/M\*\*3

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| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 641284.31   | 4290506.68  | 78.83136   | (14022219) | 641324.31   |
| 4290506.68  | 88.86323    | (15121122) |            |             |
| 641364.31   | 4290506.68  | 102.75040  | (15121122) | 641404.31   |
| 4290506.68  | 119.71443   | (18020818) |            |             |
| 641284.31   | 4290546.68  | 79.64844   | (16012421) | 641324.31   |
| 4290546.68  | 91.46508    | (16012421) |            |             |
| 641364.31   | 4290546.68  | 106.18304  | (16012421) | 641404.31   |
| 4290546.68  | 126.30039   | (14022219) |            |             |
| 641284.31   | 4290586.68  | 81.44120   | (14120903) | 641324.31   |
| 4290586.68  | 93.19573    | (14120903) |            |             |
| 641364.31   | 4290586.68  | 108.22535  | (14120903) | 641404.31   |
| 4290586.68  | 127.88015   | (14120717) |            |             |
| 641284.31   | 4290626.68  | 77.10261   | (16021202) | 641324.31   |
| 4290626.68  | 87.38328    | (16021202) |            |             |
| 641364.31   | 4290626.68  | 100.62251  | (16021202) | 641404.31   |
| 4290626.68  | 117.20002   | (16021202) |            |             |
| 641284.31   | 4290666.68  | 74.93209   | (15011919) | 641324.31   |
| 4290666.68  | 85.63538    | (15011919) |            |             |
| 641364.31   | 4290666.68  | 99.18146   | (15011919) | 641404.31   |
| 4290666.68  | 114.77810   | (17021503) |            |             |
| 641284.31   | 4290706.68  | 73.35262   | (16022805) | 641324.31   |
| 4290706.68  | 83.88487    | (14013020) |            |             |
| 641364.31   | 4290706.68  | 97.03450   | (14013020) | 641404.31   |
| 4290706.68  | 111.37057   | (17021218) |            |             |
| 641284.31   | 4290746.68  | 71.55582   | (17021218) | 641324.31   |
| 4290746.68  | 80.49607    | (14120908) |            |             |
| 641364.31   | 4290746.68  | 92.64359   | (18020921) | 641404.31   |
| 4290746.68  | 106.35372   | (18020921) |            |             |
| 641284.31   | 4290786.68  | 69.71582   | (18020921) | 641324.31   |
| 4290786.68  | 76.39203    | (18020921) |            |             |
| 641364.31   | 4290786.68  | 87.58559   | (17020822) | 641404.31   |
| 4290786.68  | 98.58334    | (17020822) |            |             |
| 641284.31   | 4290826.68  | 66.53565   | (17020822) | 641324.31   |
| 4290826.68  | 72.95117    | (17020822) |            |             |
| 641364.31   | 4290826.68  | 79.26207   | (15021802) | 641404.31   |
| 4290826.68  | 82.44169    | (15021802) |            |             |
| 641284.31   | 4290866.68  | 61.64665   | (15021802) | 641324.31   |
| 4290866.68  | 64.29234    | (15021802) |            |             |
| 641364.31   | 4290866.68  | 63.36172   | (15021802) | 641404.31   |
| 4290866.68  | 70.06506    | (17021620) |            |             |
| 641268.28   | 4290889.76  | 56.28804   | (15021802) | 641308.28   |
| 4290889.76  | 57.00728    | (15021802) |            |             |
| 641348.28   | 4290889.76  | 57.76244   | (17021620) | 641388.28   |
| 4290889.76  | 63.52167    | (15020801) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 641428.28  | 4290889.76 | 70.02312   | (16011623) | 641468.28 |
| 4290889.76 | 77.24025   | (17021219) |            |           |
| 641508.28  | 4290889.76 | 85.37919   | (18020218) | 641548.28 |
| 4290889.76 | 93.69719   | (18020802) |            |           |
| 641588.28  | 4290889.76 | 94.20369   | (14020502) | 641628.28 |
| 4290889.76 | 113.91058  | (17031618) |            |           |
| 642188.28  | 4290889.76 | 53.09479   | (15010721) | 642228.28 |
| 4290889.76 | 50.16095   | (15010721) |            |           |
| 642268.28  | 4290889.76 | 46.01752   | (16011701) | 642308.28 |
| 4290889.76 | 43.74618   | (16011701) |            |           |
| 642348.28  | 4290889.76 | 40.72136   | (16011701) | 642388.28 |
| 4290889.76 | 37.62735   | (18010422) |            |           |
| 642428.28  | 4290889.76 | 34.96601   | (14120720) | 641268.28 |
| 4290929.76 | 46.26121   | (15021802) |            |           |
| 641308.28  | 4290929.76 | 49.75390   | (17021620) | 641348.28 |
| 4290929.76 | 53.46765   | (15021624) |            |           |
| 641388.28  | 4290929.76 | 58.26716   | (16011623) | 641428.28 |
| 4290929.76 | 63.51796   | (17021219) |            |           |
| 641468.28  | 4290929.76 | 69.73248   | (16021701) | 641508.28 |
| 4290929.76 | 75.60689   | (18020218) |            |           |
| 641548.28  | 4290929.76 | 79.66936   | (18020802) | 641588.28 |
| 4290929.76 | 76.56407   | (18080523) |            |           |
| 641628.28  | 4290929.76 | 101.03317  | (17031618) | 642188.28 |
| 4290929.76 | 44.89040   | (16020921) |            |           |
| 642228.28  | 4290929.76 | 44.92646   | (16020921) | 642268.28 |
| 4290929.76 | 43.36216   | (15010721) |            |           |
| 642308.28  | 4290929.76 | 40.96208   | (15010721) | 642348.28 |
| 4290929.76 | 37.99013   | (16011701) |            |           |
| 642388.28  | 4290929.76 | 36.40421   | (16011701) | 642428.28 |
| 4290929.76 | 34.27041   | (16011701) |            |           |
| 641268.28  | 4290969.76 | 43.18247   | (17021620) | 641308.28 |
| 4290969.76 | 45.96323   | (18010924) |            |           |
| 641348.28  | 4290969.76 | 49.61145   | (16011623) | 641388.28 |
| 4290969.76 | 53.45784   | (14121223) |            |           |
| 641428.28  | 4290969.76 | 58.45666   | (16021701) | 641468.28 |
| 4290969.76 | 63.13974   | (18020218) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* \*\*\* C:\Lakes\AERMOD View\Baseline Road Fuel  
 Station\_TOG\Baseline Road Fu \*\*\* 08/18/25  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: BREATHIN \*\*\*  
 INCLUDING SOURCE(S): STCK2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF TOG

IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 641508.28   | 4290969.76  | 67.01060   | (18020802) | 641548.28   |
| 4290969.76  | 65.48003    | (14020502) |            |             |
| 641588.28   | 4290969.76  | 66.20113   | (15072824) | 641628.28   |
| 4290969.76  | 87.39117    | (17031618) |            |             |
| 641668.28   | 4290969.76  | 88.55750   | (17031618) | 641708.28   |
| 4290969.76  | 83.90278    | (17111516) |            |             |
| 641748.28   | 4290969.76  | 75.31569   | (17020903) | 641788.28   |
| 4290969.76  | 74.32405    | (17010416) |            |             |
| 641828.28   | 4290969.76  | 70.95404   | (18020320) | 641868.28   |
| 4290969.76  | 67.85932    | (14122319) |            |             |
| 641908.28   | 4290969.76  | 67.18089   | (17021519) | 641948.28   |
| 4290969.76  | 67.21950    | (15021022) |            |             |
| 642188.28   | 4290969.76  | 42.14606   | (16013022) | 642228.28   |
| 4290969.76  | 39.23053    | (18010219) |            |             |
| 642268.28   | 4290969.76  | 38.11028   | (16020921) | 642308.28   |
| 4290969.76  | 37.59328    | (16020921) |            |             |
| 642348.28   | 4290969.76  | 36.27271   | (15010721) | 642388.28   |
| 4290969.76  | 34.28856    | (15010721) |            |             |
| 642428.28   | 4290969.76  | 32.10108   | (16011701) | 641268.28   |
| 4291009.76  | 40.21167    | (18010924) |            |             |
| 641308.28   | 4291009.76  | 42.96366   | (16011623) | 641348.28   |
| 4291009.76  | 46.02319    | (14121223) |            |             |
| 641388.28   | 4291009.76  | 49.83622   | (16021701) | 641428.28   |
| 4291009.76  | 53.35769    | (18020218) |            |             |
| 641468.28   | 4291009.76  | 56.44656   | (16021024) | 641508.28   |
| 4291009.76  | 57.79735    | (18020802) |            |             |
| 641548.28   | 4291009.76  | 55.46992   | (18080523) | 641588.28   |
| 4291009.76  | 58.61330    | (17031618) |            |             |
| 641628.28   | 4291009.76  | 74.81999   | (17031618) | 641668.28   |
| 4291009.76  | 70.43668    | (17031618) |            |             |
| 641708.28   | 4291009.76  | 68.87549   | (17111516) | 641748.28   |
| 4291009.76  | 64.89782    | (17020903) |            |             |
| 641788.28   | 4291009.76  | 64.11982   | (14012518) | 641828.28   |
| 4291009.76  | 62.53079    | (18020320) |            |             |
| 641868.28   | 4291009.76  | 59.55130   | (17021521) | 641908.28   |
| 4291009.76  | 56.34834    | (14011518) |            |             |
| 641948.28   | 4291009.76  | 58.44284   | (17021519) | 642188.28   |
| 4291009.76  | 40.30176    | (16121022) |            |             |
| 642228.28   | 4291009.76  | 37.09023   | (16013022) | 642268.28   |
| 4291009.76  | 34.63730    | (18010219) |            |             |
| 642308.28   | 4291009.76  | 32.46647   | (16011624) | 642348.28   |
| 4291009.76  | 32.73664    | (16020921) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 642388.28  | 4291009.76 | 31.98636   | (16020921) | 642428.28 |
| 4291009.76 | 30.92759   | (15010721) |            |           |
| 641268.28  | 4291049.76 | 37.66514   | (16011623) | 641308.28 |
| 4291049.76 | 40.15025   | (14121223) |            |           |
| 641348.28  | 4291049.76 | 43.14623   | (16021701) | 641388.28 |
| 4291049.76 | 45.61536   | (18020218) |            |           |
| 641428.28  | 4291049.76 | 48.34031   | (15020718) | 641468.28 |
| 4291049.76 | 50.79592   | (18020802) |            |           |
| 641508.28  | 4291049.76 | 48.95102   | (14020502) | 641548.28 |
| 4291049.76 | 49.12452   | (15072824) |            |           |
| 641588.28  | 4291049.76 | 54.57211   | (17031618) | 641628.28 |
| 4291049.76 | 63.81787   | (17031618) |            |           |
| 641668.28  | 4291049.76 | 56.83090   | (17031618) | 641708.28 |
| 4291049.76 | 57.71483   | (17111516) |            |           |
| 641748.28  | 4291049.76 | 56.70224   | (17020903) | 641788.28 |
| 4291049.76 | 56.26764   | (14120307) |            |           |
| 641828.28  | 4291049.76 | 55.13182   | (18020320) | 641868.28 |
| 4291049.76 | 52.67033   | (14012619) |            |           |
| 641908.28  | 4291049.76 | 50.60912   | (14120806) | 641948.28 |
| 4291049.76 | 50.31807   | (17021519) |            |           |
| 642188.28  | 4291049.76 | 37.91299   | (15021919) | 642228.28 |
| 4291049.76 | 35.63072   | (16121022) |            |           |
| 642268.28  | 4291049.76 | 32.92026   | (16013022) | 642308.28 |
| 4291049.76 | 30.91240   | (17010422) |            |           |
| 642348.28  | 4291049.76 | 29.18843   | (18010219) | 642388.28 |
| 4291049.76 | 28.53102   | (16020921) |            |           |
| 642428.28  | 4291049.76 | 28.44409   | (16020921) | 641268.28 |
| 4291089.76 | 35.45007   | (14121223) |            |           |
| 641308.28  | 4291089.76 | 37.76487   | (16021701) | 641348.28 |
| 4291089.76 | 39.64470   | (16021701) |            |           |
| 641388.28  | 4291089.76 | 42.41480   | (18020218) | 641428.28 |
| 4291089.76 | 44.41042   | (18020802) |            |           |
| 641468.28  | 4291089.76 | 44.36707   | (14020502) | 641508.28 |
| 4291089.76 | 42.73356   | (14012318) |            |           |
| 641548.28  | 4291089.76 | 44.29766   | (15072824) | 641588.28 |
| 4291089.76 | 49.87254   | (17031618) |            |           |
| 641628.28  | 4291089.76 | 54.35735   | (17031618) | 641668.28 |
| 4291089.76 | 49.24194   | (17111516) |            |           |

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: BREATHIN \*\*\*  
 INCLUDING SOURCE(S): STCK2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

|             |             | ** CONC OF TOG |            | IN MICROGRAMS/M**3 |  |
|-------------|-------------|----------------|------------|--------------------|--|
|             |             | **             |            |                    |  |
| X-COORD (M) | Y-COORD (M) | CONC           | (YYMMDDHH) | X-COORD (M)        |  |
| Y-COORD (M) | CONC        | (YYMMDDHH)     |            |                    |  |
| -----       |             |                |            |                    |  |
| 641708.28   | 4291089.76  | 49.03409       | (15081622) | 641748.28          |  |
| 4291089.76  | 50.11496    | (17020903)     |            |                    |  |
| 641788.28   | 4291089.76  | 49.91786       | (14120307) | 641828.28          |  |
| 4291089.76  | 48.74151    | (18020320)     |            |                    |  |
| 641868.28   | 4291089.76  | 46.72307       | (17021619) | 641908.28          |  |
| 4291089.76  | 45.55775    | (14122319)     |            |                    |  |
| 641948.28   | 4291089.76  | 43.53628       | (14011518) | 641988.28          |  |
| 4291089.76  | 45.15236    | (17021519)     |            |                    |  |
| 642028.28   | 4291089.76  | 44.56098       | (15021022) | 642068.28          |  |
| 4291089.76  | 42.32845    | (14013002)     |            |                    |  |
| 642108.28   | 4291089.76  | 39.46256       | (14013002) | 642148.28          |  |
| 4291089.76  | 37.63330    | (17021520)     |            |                    |  |
| 641268.28   | 4291129.76  | 33.38504       | (16021701) | 641308.28          |  |
| 4291129.76  | 35.26444    | (16021701)     |            |                    |  |
| 641348.28   | 4291129.76  | 37.44953       | (18020218) | 641388.28          |  |
| 4291129.76  | 38.97570    | (16021024)     |            |                    |  |
| 641428.28   | 4291129.76  | 40.12448       | (18020802) | 641468.28          |  |
| 4291129.76  | 38.39441    | (14020502)     |            |                    |  |
| 641508.28   | 4291129.76  | 38.62648       | (18080523) | 641548.28          |  |
| 4291129.76  | 40.14553    | (18052903)     |            |                    |  |
| 641588.28   | 4291129.76  | 45.05176       | (17031618) | 641628.28          |  |
| 4291129.76  | 46.38367    | (17031618)     |            |                    |  |
| 641668.28   | 4291129.76  | 43.70364       | (17111516) | 641708.28          |  |
| 4291129.76  | 43.80289    | (15081622)     |            |                    |  |
| 641748.28   | 4291129.76  | 44.72071       | (17020903) | 641788.28          |  |
| 4291129.76  | 44.71043    | (14120401)     |            |                    |  |
| 641828.28   | 4291129.76  | 43.23976       | (18020320) | 641868.28          |  |
| 4291129.76  | 42.45320    | (18020320)     |            |                    |  |
| 641908.28   | 4291129.76  | 41.20238       | (17021521) | 641948.28          |  |
| 4291129.76  | 39.62483    | (14120806)     |            |                    |  |
| 641988.28   | 4291129.76  | 39.57399       | (17021519) | 642028.28          |  |
| 4291129.76  | 40.33353    | (16121222)     |            |                    |  |
| 642068.28   | 4291129.76  | 38.96727       | (14120407) | 642108.28          |  |
| 4291129.76  | 37.40969    | (14013002)     |            |                    |  |
| 642148.28   | 4291129.76  | 35.09068       | (17021520) | 641374.56          |  |
| 4290226.75  | 79.55071    | (18020418)     |            |                    |  |
| 641414.56   | 4290226.75  | 84.11373       | (15021323) | 641454.56          |  |
| 4290226.75  | 90.21124    | (16010301)     |            |                    |  |
| 641494.56   | 4290226.75  | 96.83478       | (14021718) | 641534.56          |  |
| 4290226.75  | 101.26647   | (15010718)     |            |                    |  |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 641574.56  | 4290226.75 | 107.23354  | (18010118) | 641614.56 |
| 4290226.75 | 112.80937  | (15120619) |            |           |
| 641654.56  | 4290226.75 | 115.33151  | (14020301) | 641694.56 |
| 4290226.75 | 118.51828  | (15011821) |            |           |
| 641734.56  | 4290226.75 | 114.31833  | (18010719) | 641774.56 |
| 4290226.75 | 120.71454  | (14051219) |            |           |
| 641814.56  | 4290226.75 | 108.78291  | (18010318) | 641854.56 |
| 4290226.75 | 107.26743  | (18012817) |            |           |
| 641894.56  | 4290226.75 | 114.67180  | (18012817) | 641934.56 |
| 4290226.75 | 97.20910   | (18012817) |            |           |
| 641974.56  | 4290226.75 | 85.13254   | (16012520) | 642014.56 |
| 4290226.75 | 72.78640   | (14120102) |            |           |
| 642054.56  | 4290226.75 | 68.59904   | (14021320) | 642094.56 |
| 4290226.75 | 63.20904   | (14120622) |            |           |
| 642134.56  | 4290226.75 | 58.35774   | (15021324) | 642174.56 |
| 4290226.75 | 53.86488   | (16022123) |            |           |
| 642214.56  | 4290226.75 | 50.51284   | (16021407) | 642254.56 |
| 4290226.75 | 47.03433   | (15021204) |            |           |
| 642294.56  | 4290226.75 | 44.29509   | (18011620) | 642334.56 |
| 4290226.75 | 40.83028   | (18122307) |            |           |
| 642374.56  | 4290226.75 | 38.43272   | (18020924) | 642414.56 |
| 4290226.75 | 35.87972   | (18020924) |            |           |
| 642454.56  | 4290226.75 | 32.81075   | (18020924) | 642494.56 |
| 4290226.75 | 29.49091   | (18020924) |            |           |
| 642534.56  | 4290226.75 | 26.13691   | (18020924) | 642574.56 |
| 4290226.75 | 22.89645   | (18020924) |            |           |
| 642614.56  | 4290226.75 | 20.03126   | (18020123) | 641374.56 |
| 4290266.75 | 84.26152   | (18020702) |            |           |
| 641414.56  | 4290266.75 | 93.77003   | (18020418) | 641454.56 |
| 4290266.75 | 99.88886   | (15021323) |            |           |
| 641494.56  | 4290266.75 | 107.48694  | (14021718) | 641534.56 |
| 4290266.75 | 117.72957  | (16022819) |            |           |
| 641574.56  | 4290266.75 | 122.87937  | (18020119) | 641614.56 |
| 4290266.75 | 130.22435  | (14021719) |            |           |
| 641654.56  | 4290266.75 | 134.09766  | (18121517) | 641694.56 |
| 4290266.75 | 138.68218  | (15011821) |            |           |
| 641734.56  | 4290266.75 | 136.27861  | (18052819) | 641774.56 |
| 4290266.75 | 141.46982  | (14051219) |            |           |
| 641814.56  | 4290266.75 | 126.10634  | (15012721) | 641854.56 |
| 4290266.75 | 140.46470  | (18012817) |            |           |

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: BREATHIN \*\*\*

INCLUDING SOURCE(S): STCK2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF TOG IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 641894.56   | 4290266.75  | 134.62954  | (18012817) | 641934.56   |
| 4290266.75  | 106.52157   | (15021418) |            |             |
| 641974.56   | 4290266.75  | 85.94597   | (14022106) | 642014.56   |
| 4290266.75  | 80.94266    | (14021320) |            |             |
| 642054.56   | 4290266.75  | 74.11631   | (14120622) | 642094.56   |
| 4290266.75  | 67.71442    | (15021324) |            |             |
| 642134.56   | 4290266.75  | 62.05365   | (18120403) | 642174.56   |
| 4290266.75  | 57.65880    | (16021407) |            |             |
| 642214.56   | 4290266.75  | 53.83231   | (17013017) | 642254.56   |
| 4290266.75  | 49.54161    | (18011620) |            |             |
| 642294.56   | 4290266.75  | 45.93602   | (18122307) | 642334.56   |
| 4290266.75  | 42.65703    | (18020924) |            |             |
| 642374.56   | 4290266.75  | 38.79602   | (18020924) | 642414.56   |
| 4290266.75  | 34.57417    | (18020924) |            |             |
| 642454.56   | 4290266.75  | 30.34299   | (18020924) | 642494.56   |
| 4290266.75  | 26.29245    | (18020924) |            |             |
| 642534.56   | 4290266.75  | 22.99814   | (18020123) | 642574.56   |
| 4290266.75  | 21.66085    | (18013122) |            |             |
| 642614.56   | 4290266.75  | 20.35687   | (18013122) | 641374.56   |
| 4290306.75  | 92.19823    | (14022218) |            |             |
| 641414.56   | 4290306.75  | 100.24641  | (18020702) | 641454.56   |
| 4290306.75  | 112.65075   | (18020418) |            |             |
| 641494.56   | 4290306.75  | 120.55294  | (15021323) | 641534.56   |
| 4290306.75  | 133.15215   | (14021718) |            |             |
| 641574.56   | 4290306.75  | 141.00892  | (15010718) | 641614.56   |
| 4290306.75  | 152.12542   | (18010118) |            |             |
| 641654.56   | 4290306.75  | 159.53265  | (15021120) | 641694.56   |
| 4290306.75  | 164.74331   | (15011821) |            |             |
| 641734.56   | 4290306.75  | 171.56034  | (18052819) | 641774.56   |
| 4290306.75  | 170.45445   | (14051219) |            |             |
| 641814.56   | 4290306.75  | 156.10751  | (18012817) | 641854.56   |
| 4290306.75  | 181.70771   | (18012817) |            |             |
| 641894.56   | 4290306.75  | 150.55923  | (18012817) | 641934.56   |
| 4290306.75  | 110.90705   | (16012520) |            |             |
| 641974.56   | 4290306.75  | 97.34559   | (14021320) | 642014.56   |
| 4290306.75  | 88.70810    | (14120622) |            |             |
| 642054.56   | 4290306.75  | 79.92732   | (15021324) | 642094.56   |
| 4290306.75  | 72.82277    | (15010820) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 642134.56  | 4290306.75 | 69.05120   | (17013017) | 642174.56 |
| 4290306.75 | 65.38502   | (17013017) |            |           |
| 642214.56  | 4290306.75 | 56.18233   | (18122307) | 642254.56 |
| 4290306.75 | 51.82357   | (18020924) |            |           |
| 642294.56  | 4290306.75 | 46.85765   | (18020924) | 642334.56 |
| 4290306.75 | 41.35323   | (18020924) |            |           |
| 642374.56  | 4290306.75 | 35.78622   | (18020924) | 642414.56 |
| 4290306.75 | 30.53627   | (18020924) |            |           |
| 642454.56  | 4290306.75 | 26.72690   | (18013122) | 642494.56 |
| 4290306.75 | 25.01613   | (18013122) |            |           |
| 642534.56  | 4290306.75 | 23.24114   | (18013122) | 642574.56 |
| 4290306.75 | 21.95865   | (14013001) |            |           |
| 642614.56  | 4290306.75 | 30.54828   | (16022120) | 641374.56 |
| 4290346.75 | 98.89305   | (14022803) |            |           |
| 641414.56  | 4290346.75 | 109.86440  | (14022218) | 641454.56 |
| 4290346.75 | 121.92254  | (18020702) |            |           |
| 641494.56  | 4290346.75 | 139.08185  | (18020418) | 641534.56 |
| 4290346.75 | 151.11121  | (18121506) |            |           |
| 641574.56  | 4290346.75 | 168.17261  | (16022819) | 641614.56 |
| 4290346.75 | 178.91567  | (18020119) |            |           |
| 641654.56  | 4290346.75 | 193.62956  | (15120619) | 641694.56 |
| 4290346.75 | 199.26799  | (15011821) |            |           |
| 641734.56  | 4290346.75 | 224.81937  | (18052819) | 641774.56 |
| 4290346.75 | 203.11644  | (14051219) |            |           |
| 641814.56  | 4290346.75 | 227.03818  | (18012817) | 641854.56 |
| 4290346.75 | 227.18022  | (18012817) |            |           |
| 641894.56  | 4290346.75 | 154.52973  | (18012817) | 641934.56 |
| 4290346.75 | 121.19112  | (14120102) |            |           |
| 641974.56  | 4290346.75 | 110.28161  | (17013117) | 642014.56 |
| 4290346.75 | 96.78978   | (18012304) |            |           |
| 642054.56  | 4290346.75 | 87.45873   | (16021407) | 642094.56 |
| 4290346.75 | 90.00594   | (17013017) |            |           |
| 642134.56  | 4290346.75 | 78.60077   | (17013017) | 642174.56 |
| 4290346.75 | 64.81662   | (18020924) |            |           |
| 642214.56  | 4290346.75 | 58.18458   | (18020924) | 642254.56 |
| 4290346.75 | 50.67480   | (18020924) |            |           |
| 642294.56  | 4290346.75 | 43.15374   | (18020924) | 642334.56 |
| 4290346.75 | 36.15095   | (18020924) |            |           |
| 642374.56  | 4290346.75 | 31.71567   | (18013122) | 642414.56 |
| 4290346.75 | 29.23476   | (18013122) |            |           |
| 642454.56  | 4290346.75 | 27.16758   | (14013001) | 642494.56 |
| 4290346.75 | 25.66035   | (14013001) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Baseline Road Fuel  
 Station\_TOG\Baseline Road Fu \*\*\* 08/18/25  
 \*\*\* AERMET - VERSION 19191 \*\*\*  
 \*\*\* 13:19:08

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: BREATHIN \*\*\*  
INCLUDING SOURCE(S): STCK2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF TOG IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 642534.56   | 4290346.75  | 24.23808   | (14012924) | 642574.56   |
| 4290346.75  | 22.84502    | (14012924) |            |             |
| 642614.56   | 4290346.75  | 31.22378   | (18020220) | 641374.56   |
| 4290386.75  | 106.59530   | (14120218) |            |             |
| 641414.56   | 4290386.75  | 118.95284  | (14022803) | 641454.56   |
| 4290386.75  | 134.16870   | (15120808) |            |             |
| 641494.56   | 4290386.75  | 152.32877  | (18020702) | 641534.56   |
| 4290386.75  | 176.65942   | (18020418) |            |             |
| 641574.56   | 4290386.75  | 195.07009  | (16010301) | 641614.56   |
| 4290386.75  | 218.46113   | (16022819) |            |             |
| 641654.56   | 4290386.75  | 239.59868  | (14021719) | 641694.56   |
| 4290386.75  | 249.03169   | (16022921) |            |             |
| 641734.56   | 4290386.75  | 311.03485  | (14051219) | 641774.56   |
| 4290386.75  | 236.65101   | (14051219) |            |             |
| 641814.56   | 4290386.75  | 329.42206  | (18012817) | 641854.56   |
| 4290386.75  | 263.44618   | (18012817) |            |             |
| 641894.56   | 4290386.75  | 156.72859  | (14120102) | 641934.56   |
| 4290386.75  | 154.25045   | (17013117) |            |             |
| 641974.56   | 4290386.75  | 120.62990  | (18012304) | 642014.56   |
| 4290386.75  | 122.84163   | (17013017) |            |             |
| 642054.56   | 4290386.75  | 117.17737  | (17013017) | 642094.56   |
| 4290386.75  | 91.37551    | (17013017) |            |             |
| 642134.56   | 4290386.75  | 75.01156   | (18020924) | 642174.56   |
| 4290386.75  | 64.20123    | (18020924) |            |             |
| 642214.56   | 4290386.75  | 53.44767   | (18020924) | 642254.56   |
| 4290386.75  | 43.67063    | (18020924) |            |             |
| 642294.56   | 4290386.75  | 38.41730   | (18013122) | 642334.56   |
| 4290386.75  | 34.92701    | (14013001) |            |             |
| 642374.56   | 4290386.75  | 32.61499   | (14013001) | 642414.56   |
| 4290386.75  | 30.45506    | (14012924) |            |             |
| 642454.56   | 4290386.75  | 28.38624   | (14012924) | 642494.56   |
| 4290386.75  | 26.36164    | (14012924) |            |             |
| 642534.56   | 4290386.75  | 24.41619   | (14012924) | 642574.56   |
| 4290386.75  | 23.00916    | (18011619) |            |             |
| 642614.56   | 4290386.75  | 21.66596   | (15020222) | 641374.56   |
| 4290426.75  | 105.49450   | (14120218) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 641414.56  | 4290426.75 | 129.20646  | (14120218) | 641454.56 |
| 4290426.75 | 148.96267  | (14020619) |            |           |
| 641494.56  | 4290426.75 | 169.44997  | (14022803) | 641534.56 |
| 4290426.75 | 200.30543  | (14022218) |            |           |
| 641574.56  | 4290426.75 | 238.47189  | (18020418) | 641614.56 |
| 4290426.75 | 274.25045  | (14021718) |            |           |
| 641654.56  | 4290426.75 | 311.46194  | (14032018) | 641694.56 |
| 4290426.75 | 352.66936  | (15031518) |            |           |
| 641734.56  | 4290426.75 | 457.85216  | (14051219) | 641774.56 |
| 4290426.75 | 401.77318  | (18012817) |            |           |
| 641814.56  | 4290426.75 | 460.65098  | (18012817) | 641854.56 |
| 4290426.75 | 262.73434  | (18012817) |            |           |
| 641894.56  | 4290426.75 | 228.55801  | (17013117) | 641934.56 |
| 4290426.75 | 156.97846  | (16022123) |            |           |
| 641974.56  | 4290426.75 | 181.65757  | (17013017) | 642014.56 |
| 4290426.75 | 150.77620  | (17013017) |            |           |
| 642054.56  | 4290426.75 | 102.08781  | (18020924) | 642094.56 |
| 4290426.75 | 85.26094   | (18020924) |            |           |
| 642134.56  | 4290426.75 | 68.71506   | (18020924) | 642174.56 |
| 4290426.75 | 54.20568   | (18020924) |            |           |
| 642214.56  | 4290426.75 | 47.69731   | (18013122) | 642254.56 |
| 4290426.75 | 43.60026   | (14013001) |            |           |
| 642294.56  | 4290426.75 | 40.09838   | (14012924) | 642334.56 |
| 4290426.75 | 36.71384   | (14012924) |            |           |
| 642374.56  | 4290426.75 | 33.48960   | (14012924) | 642414.56 |
| 4290426.75 | 30.88418   | (18011619) |            |           |
| 642454.56  | 4290426.75 | 28.71159   | (15020222) | 642494.56 |
| 4290426.75 | 26.82611   | (15020222) |            |           |
| 642534.56  | 4290426.75 | 25.04553   | (15020222) | 642574.56 |
| 4290426.75 | 23.35823   | (15020222) |            |           |
| 642614.56  | 4290426.75 | 21.79584   | (15020222) | 641374.56 |
| 4290466.75 | 108.23682  | (18033018) |            |           |
| 641414.56  | 4290466.75 | 132.06621  | (18033018) | 641454.56 |
| 4290466.75 | 152.20531  | (14120218) |            |           |
| 641494.56  | 4290466.75 | 191.54906  | (14120218) | 641534.56 |
| 4290466.75 | 230.51786  | (14022803) |            |           |
| 641574.56  | 4290466.75 | 283.12005  | (14022218) | 641614.56 |
| 4290466.75 | 343.32400  | (18020418) |            |           |
| 641654.56  | 4290466.75 | 423.82735  | (14032018) | 641694.56 |
| 4290466.75 | 615.21842  | (15031518) |            |           |
| 641734.56  | 4290466.75 | 746.37018  | (14051219) | 641774.56 |
| 4290466.75 | 744.03044  | (18012817) |            |           |
| 641814.56  | 4290466.75 | 568.83631  | (18012817) | 641854.56 |
| 4290466.75 | 370.94200  | (17013117) |            |           |

\*\*\* AERMOD - VERSION 24142 \*\*\*  
 Station\_TOG\Baseline Road Fuel

\*\*\* AERMET - VERSION 19191 \*\*\*

C:\Lakes\AERMOD View\Baseline Road Fuel  
 08/18/25

13:19:08

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: BREATHIN \*\*\*

INCLUDING SOURCE(S): STCK2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF TOG IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 641894.56   | 4290466.75  | 267.07186  | (17013017) | 641934.56   |
| 4290466.75  | 272.77938   | (17013017) |            |             |
| 641974.56   | 4290466.75  | 183.38079  | (17013017) | 642014.56   |
| 4290466.75  | 121.12921   | (18020924) |            |             |
| 642054.56   | 4290466.75  | 93.06490   | (18020924) | 642094.56   |
| 4290466.75  | 71.49214    | (18013122) |            |             |
| 642134.56   | 4290466.75  | 62.87532   | (14013001) | 642174.56   |
| 4290466.75  | 56.34987    | (14012924) |            |             |
| 642214.56   | 4290466.75  | 50.23245   | (14012924) | 642254.56   |
| 4290466.75  | 44.94441    | (18011619) |            |             |
| 642294.56   | 4290466.75  | 40.90947   | (15020222) | 642334.56   |
| 4290466.75  | 37.43370    | (15020222) |            |             |
| 642374.56   | 4290466.75  | 34.23804   | (15020222) | 642414.56   |
| 4290466.75  | 31.32412    | (15020222) |            |             |
| 642454.56   | 4290466.75  | 28.79847   | (18120621) | 642494.56   |
| 4290466.75  | 26.84565    | (18120621) |            |             |
| 642534.56   | 4290466.75  | 25.05945   | (18120621) | 642574.56   |
| 4290466.75  | 23.41035    | (18120621) |            |             |
| 642614.56   | 4290466.75  | 21.90659   | (18120621) | 641920.09   |
| 4290522.63  | 208.07280   | (18020924) |            |             |
| 641960.09   | 4290522.63  | 180.32995  | (15011516) | 642000.09   |
| 4290522.63  | 143.33214   | (15011516) |            |             |
| 642040.09   | 4290522.63  | 109.71906  | (15011516) | 642080.09   |
| 4290522.63  | 82.89033    | (15011516) |            |             |
| 642120.09   | 4290522.63  | 69.70385   | (15020222) | 642160.09   |
| 4290522.63  | 60.37607    | (15020222) |            |             |
| 642200.09   | 4290522.63  | 53.49001   | (18120621) | 642240.09   |
| 4290522.63  | 47.71747    | (18120621) |            |             |
| 642280.09   | 4290522.63  | 43.24171   | (14120819) | 642320.09   |
| 4290522.63  | 39.45871    | (14120819) |            |             |
| 642360.09   | 4290522.63  | 36.13243   | (14120819) | 642400.09   |
| 4290522.63  | 33.20041    | (14120819) |            |             |
| 642440.09   | 4290522.63  | 30.60315   | (14120819) | 642480.09   |
| 4290522.63  | 28.31171    | (14120819) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 642520.09  | 4290522.63 | 26.27207   | (14120819) | 642560.09 |
| 4290522.63 | 24.45029   | (14120819) |            |           |
| 642600.09  | 4290522.63 | 22.81596   | (14120819) | 641920.09 |
| 4290562.63 | 262.30340  | (15011516) |            |           |
| 641960.09  | 4290562.63 | 165.83136  | (15011516) | 642000.09 |
| 4290562.63 | 118.69269  | (14120819) |            |           |
| 642040.09  | 4290562.63 | 98.69248   | (14120819) | 642080.09 |
| 4290562.63 | 83.45181   | (14120819) |            |           |
| 642120.09  | 4290562.63 | 72.26124   | (18022719) | 642160.09 |
| 4290562.63 | 64.32838   | (18022719) |            |           |
| 642200.09  | 4290562.63 | 57.76247   | (18022719) | 642240.09 |
| 4290562.63 | 52.22242   | (18022719) |            |           |
| 642280.09  | 4290562.63 | 47.51344   | (18022719) | 642320.09 |
| 4290562.63 | 43.47409   | (18022719) |            |           |
| 642360.09  | 4290562.63 | 39.97885   | (18022719) | 642400.09 |
| 4290562.63 | 36.93132   | (18022719) |            |           |
| 642440.09  | 4290562.63 | 34.25486   | (18022719) | 642480.09 |
| 4290562.63 | 31.89270   | (18022719) |            |           |
| 642520.09  | 4290562.63 | 29.79417   | (18022719) | 642560.09 |
| 4290562.63 | 27.91629   | (18022719) |            |           |
| 642600.09  | 4290562.63 | 26.22504   | (18022719) | 641920.09 |
| 4290602.63 | 241.37747  | (18022719) |            |           |
| 641960.09  | 4290602.63 | 184.41903  | (18022719) | 642000.09 |
| 4290602.63 | 147.11956  | (18022719) |            |           |
| 642040.09  | 4290602.63 | 121.10181  | (18022719) | 642080.09 |
| 4290602.63 | 102.08184  | (18022719) |            |           |
| 642120.09  | 4290602.63 | 87.66557   | (18022719) | 642160.09 |
| 4290602.63 | 76.41500   | (18022719) |            |           |
| 642200.09  | 4290602.63 | 67.46074   | (18022719) | 642240.09 |
| 4290602.63 | 60.14923   | (18022719) |            |           |
| 642280.09  | 4290602.63 | 54.09583   | (18022719) | 642320.09 |
| 4290602.63 | 49.01779   | (18022719) |            |           |
| 642360.09  | 4290602.63 | 44.70545   | (18022719) | 642400.09 |
| 4290602.63 | 41.00429   | (18022719) |            |           |
| 642440.09  | 4290602.63 | 37.79915   | (18022719) | 642480.09 |
| 4290602.63 | 34.99994   | (18022719) |            |           |
| 642520.09  | 4290602.63 | 32.53771   | (18022719) | 642560.09 |
| 4290602.63 | 30.35536   | (18022719) |            |           |
| 642600.09  | 4290602.63 | 28.39061   | (18022719) | 641920.09 |
| 4290642.63 | 275.78687  | (16052319) |            |           |
| 641960.09  | 4290642.63 | 199.86565  | (15032618) | 642000.09 |
| 4290642.63 | 154.22367  | (15032618) |            |           |
| 642040.09  | 4290642.63 | 122.07335  | (16021319) | 642080.09 |
| 4290642.63 | 102.19660  | (16021319) |            |           |
| 642120.09  | 4290642.63 | 87.37887   | (14120824) | 642160.09 |
| 4290642.63 | 76.28265   | (14120824) |            |           |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Baseline Road Fuel  
 Station\_TOG\Baseline Road Fu \*\*\* 08/18/25

\*\*\* AERMET - VERSION 19191 \*\*\*

\*\*\* 13:19:08

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: BREATHIN \*\*\*

INCLUDING SOURCE(S): STCK2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF TOG IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 642200.09   | 4290642.63  | 67.32057   | (14120824) | 642240.09   |
| 4290642.63  | 59.93361    | (14120824) |            |             |
| 642280.09   | 4290642.63  | 53.77794   | (14120824) | 642320.09   |
| 4290642.63  | 48.77155    | (16012522) |            |             |
| 642360.09   | 4290642.63  | 44.61475   | (16012522) | 642400.09   |
| 4290642.63  | 41.02045    | (16012522) |            |             |
| 642440.09   | 4290642.63  | 37.88760   | (16012522) | 642480.09   |
| 4290642.63  | 35.13765    | (16012522) |            |             |
| 642520.09   | 4290642.63  | 32.70654   | (16012522) | 642560.09   |
| 4290642.63  | 30.54377    | (16012522) |            |             |
| 642600.09   | 4290642.63  | 28.59755   | (16012522) | 641920.09   |
| 4290682.63  | 483.27839   | (16112016) |            |             |
| 641960.09   | 4290682.63  | 280.72197  | (16112016) | 642000.09   |
| 4290682.63  | 143.81821   | (16052319) |            |             |
| 642040.09   | 4290682.63  | 116.02890  | (14013003) | 642080.09   |
| 4290682.63  | 98.52712    | (17123120) |            |             |
| 642120.09   | 4290682.63  | 85.46853   | (14013008) | 642160.09   |
| 4290682.63  | 75.29212    | (16021319) |            |             |
| 642200.09   | 4290682.63  | 67.39303   | (16021319) | 642240.09   |
| 4290682.63  | 60.55372    | (16021319) |            |             |
| 642280.09   | 4290682.63  | 54.64303   | (16021319) | 642320.09   |
| 4290682.63  | 49.51784    | (16021319) |            |             |
| 642360.09   | 4290682.63  | 45.05574   | (16021319) | 642400.09   |
| 4290682.63  | 41.15283    | (16021319) |            |             |
| 642440.09   | 4290682.63  | 37.72393   | (16021319) | 642480.09   |
| 4290682.63  | 34.76852    | (14120824) |            |             |
| 642520.09   | 4290682.63  | 32.41405   | (14120824) | 642560.09   |
| 4290682.63  | 30.29580    | (14120824) |            |             |
| 642600.09   | 4290682.63  | 28.37607   | (14120824) | 641920.09   |
| 4290722.63  | 396.12858   | (16021917) |            |             |
| 641960.09   | 4290722.63  | 213.42710  | (16112016) | 642000.09   |
| 4290722.63  | 197.80449   | (16112016) |            |             |



|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 642040.09  | 4290722.63 | 141.41514  | (16112016) | 642080.09 |
| 4290722.63 | 94.31777   | (14013003) |            |           |
| 642120.09  | 4290722.63 | 83.59706   | (14013003) | 642160.09 |
| 4290722.63 | 73.50682   | (14013003) |            |           |
| 642200.09  | 4290722.63 | 64.41571   | (14013003) | 642240.09 |
| 4290722.63 | 57.75470   | (17123120) |            |           |
| 642280.09  | 4290722.63 | 52.35579   | (17123120) | 642320.09 |
| 4290722.63 | 47.68683   | (14013008) |            |           |
| 642360.09  | 4290722.63 | 43.85829   | (14013008) | 642400.09 |
| 4290722.63 | 40.43358   | (16021319) |            |           |
| 642440.09  | 4290722.63 | 37.67465   | (16021319) | 642480.09 |
| 4290722.63 | 35.14088   | (16021319) |            |           |
| 642520.09  | 4290722.63 | 32.81773   | (16021319) | 642560.09 |
| 4290722.63 | 30.68853   | (16021319) |            |           |
| 642600.09  | 4290722.63 | 28.73161   | (16021319) | 641920.09 |
| 4290762.63 | 273.11188  | (16021917) |            |           |
| 641960.09  | 4290762.63 | 244.79304  | (16021917) | 642000.09 |
| 4290762.63 | 164.35391  | (16021917) |            |           |
| 642040.09  | 4290762.63 | 103.70678  | (16011701) | 642080.09 |
| 4290762.63 | 90.79448   | (16112016) |            |           |
| 642120.09  | 4290762.63 | 79.58520   | (14120720) | 642160.09 |
| 4290762.63 | 70.48438   | (14120720) |            |           |
| 642200.09  | 4290762.63 | 62.07725   | (14013003) | 642240.09 |
| 4290762.63 | 57.00272   | (14013003) |            |           |
| 642280.09  | 4290762.63 | 51.93796   | (14013003) | 642320.09 |
| 4290762.63 | 47.09351   | (14013003) |            |           |
| 642360.09  | 4290762.63 | 42.61789   | (18010417) | 642400.09 |
| 4290762.63 | 39.19853   | (17123120) |            |           |
| 642440.09  | 4290762.63 | 36.48032   | (17123120) | 642480.09 |
| 4290762.63 | 33.91586   | (17123120) |            |           |
| 642520.09  | 4290762.63 | 31.61478   | (14013008) | 642560.09 |
| 4290762.63 | 29.72935   | (14013008) |            |           |
| 642600.09  | 4290762.63 | 27.95002   | (14013008) | 641920.09 |
| 4290802.63 | 125.55674  | (14021018) |            |           |
| 641960.09  | 4290802.63 | 147.30966  | (16021917) | 642000.09 |
| 4290802.63 | 149.53843  | (16021917) |            |           |
| 642040.09  | 4290802.63 | 117.19043  | (16021917) | 642080.09 |
| 4290802.63 | 82.97490   | (15010721) |            |           |
| 642120.09  | 4290802.63 | 75.04930   | (16011701) | 642160.09 |
| 4290802.63 | 67.79301   | (16011701) |            |           |
| 642200.09  | 4290802.63 | 60.57582   | (16021218) | 642240.09 |
| 4290802.63 | 55.18249   | (14120720) |            |           |
| 642280.09  | 4290802.63 | 49.84463   | (14120720) | 642320.09 |
| 4290802.63 | 45.06611   | (16121108) |            |           |
| 642360.09  | 4290802.63 | 42.14305   | (14013003) | 642400.09 |
| 4290802.63 | 39.24194   | (14013003) |            |           |
| 642440.09  | 4290802.63 | 36.36058   | (14013003) | 642480.09 |
| 4290802.63 | 33.57343   | (14013003) |            |           |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Baseline Road Fuel  
 Station\_TOG\Baseline Road Fu \*\*\* 08/18/25

\*\*\* AERMET - VERSION 19191 \*\*\*  
 \*\*\* 13:19:08

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: BREATHIN \*\*\*  
 INCLUDING SOURCE(S): STCK2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF TOG IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 642520.09   | 4290802.63  | 31.01838   | (18010417) | 642560.09   |
| 4290802.63  | 28.96949    | (18010417) |            |             |
| 642600.09   | 4290802.63  | 27.33145   | (17123120) | 641920.09   |
| 4290842.63  | 108.02189   | (17021520) |            |             |
| 641960.09   | 4290842.63  | 95.96936   | (14021018) | 642000.09   |
| 4290842.63  | 86.10273    | (16021917) |            |             |
| 642040.09   | 4290842.63  | 94.96564   | (16021917) | 642080.09   |
| 4290842.63  | 82.81221    | (16021917) |            |             |
| 642120.09   | 4290842.63  | 68.02255   | (15010721) | 642160.09   |
| 4290842.63  | 62.49818    | (15010721) |            |             |
| 642200.09   | 4290842.63  | 57.73709   | (16011701) | 642240.09   |
| 4290842.63  | 53.22253    | (16011701) |            |             |
| 642280.09   | 4290842.63  | 48.41343   | (18010422) | 642320.09   |
| 4290842.63  | 44.51677    | (14120720) |            |             |
| 642360.09   | 4290842.63  | 41.18098   | (14120720) | 642400.09   |
| 4290842.63  | 37.70966    | (14120720) |            |             |
| 642440.09   | 4290842.63  | 34.76143   | (16121108) | 642480.09   |
| 4290842.63  | 32.84450    | (14013003) |            |             |
| 642520.09   | 4290842.63  | 31.02787   | (14013003) | 642560.09   |
| 4290842.63  | 29.17487    | (14013003) |            |             |
| 642600.09   | 4290842.63  | 27.33544   | (14013003) | 641920.09   |
| 4290882.63  | 93.74542    | (14013002) |            |             |
| 641960.09   | 4290882.63  | 85.01417   | (17021520) | 642000.09   |
| 4290882.63  | 76.56155    | (14021018) |            |             |
| 642040.09   | 4290882.63  | 69.52502   | (16121022) | 642080.09   |
| 4290882.63  | 63.43399    | (16021917) |            |             |
| 642120.09   | 4290882.63  | 59.96590   | (16021917) | 642160.09   |
| 4290882.63  | 56.14733    | (16020921) |            |             |
| 642200.09   | 4290882.63  | 53.43753   | (15010721) | 642240.09   |
| 4290882.63  | 49.32789    | (15010721) |            |             |

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| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 641284.31   | 4290506.68  | 341.79976  | (16012421) | 641324.31   |
| 4290506.68  | 390.45566   | (14022219) |            |             |
| 641364.31   | 4290506.68  | 446.60154  | (14022219) | 641404.31   |
| 4290506.68  | 508.99014   | (14022219) |            |             |
| 641284.31   | 4290546.68  | 348.84461  | (14120717) | 641324.31   |
| 4290546.68  | 394.13063   | (14120717) |            |             |
| 641364.31   | 4290546.68  | 450.52864  | (14122119) | 641404.31   |
| 4290546.68  | 525.13054   | (14121805) |            |             |
| 641284.31   | 4290586.68  | 346.31229  | (16021202) | 641324.31   |
| 4290586.68  | 393.35382   | (16021202) |            |             |
| 641364.31   | 4290586.68  | 452.82918  | (16021202) | 641404.31   |
| 4290586.68  | 528.61925   | (16021202) |            |             |
| 641284.31   | 4290626.68  | 326.20670  | (15022623) | 641324.31   |
| 4290626.68  | 367.77436   | (15022623) |            |             |
| 641364.31   | 4290626.68  | 419.52096  | (15022623) | 641404.31   |
| 4290626.68  | 488.61627   | (15011919) |            |             |
| 641284.31   | 4290666.68  | 320.69460  | (17021503) | 641324.31   |
| 4290666.68  | 361.79164   | (14012901) |            |             |
| 641364.31   | 4290666.68  | 415.89696  | (16022805) | 641404.31   |
| 4290666.68  | 484.63806   | (14013020) |            |             |
| 641284.31   | 4290706.68  | 318.50108  | (14013020) | 641324.31   |
| 4290706.68  | 353.93231   | (14013020) |            |             |
| 641364.31   | 4290706.68  | 405.70718  | (17021218) | 641404.31   |
| 4290706.68  | 467.88302   | (14120908) |            |             |
| 641284.31   | 4290746.68  | 307.61132  | (14120908) | 641324.31   |
| 4290746.68  | 346.07574   | (18020921) |            |             |
| 641364.31   | 4290746.68  | 387.78779  | (18020921) | 641404.31   |
| 4290746.68  | 446.54940   | (17020822) |            |             |
| 641284.31   | 4290786.68  | 291.95905  | (14121802) | 641324.31   |
| 4290786.68  | 330.13292   | (17020822) |            |             |
| 641364.31   | 4290786.68  | 367.22551  | (17020822) | 641404.31   |
| 4290786.68  | 403.32226   | (15021802) |            |             |
| 641284.31   | 4290826.68  | 283.46728  | (17020822) | 641324.31   |
| 4290826.68  | 306.03151   | (15021802) |            |             |
| 641364.31   | 4290826.68  | 315.14244  | (15021802) | 641404.31   |
| 4290826.68  | 317.63169   | (17021621) |            |             |
| 641284.31   | 4290866.68  | 253.53715  | (15021802) | 641324.31   |
| 4290866.68  | 248.46844   | (15021802) |            |             |
| 641364.31   | 4290866.68  | 267.25371  | (17021620) | 641404.31   |
| 4290866.68  | 293.47377   | (15021624) |            |             |
| 641268.28   | 4290889.76  | 225.88398  | (15021802) | 641308.28   |
| 4290889.76  | 225.53904   | (17021621) |            |             |
| 641348.28   | 4290889.76  | 248.26703  | (17021620) | 641388.28   |
| 4290889.76  | 269.11192   | (18010924) |            |             |
| 641428.28   | 4290889.76  | 296.54290  | (14120505) | 641468.28   |

|            |            |            |                      |
|------------|------------|------------|----------------------|
| 4290889.76 | 325.09584  | (16021701) |                      |
| 641508.28  | 4290889.76 | 359.47907  | (18020218) 641548.28 |
| 4290889.76 | 389.87957  | (18020802) |                      |
| 641588.28  | 4290889.76 | 376.84608  | (14020502) 641628.28 |
| 4290889.76 | 417.27251  | (17031618) |                      |
| 642188.28  | 4290889.76 | 211.31519  | (16020921) 642228.28 |
| 4290889.76 | 210.96307  | (16020921) |                      |
| 642268.28  | 4290889.76 | 202.61948  | (15010721) 642308.28 |
| 4290889.76 | 188.58989  | (15010721) |                      |
| 642348.28  | 4290889.76 | 177.54587  | (16011701) 642388.28 |
| 4290889.76 | 168.70382  | (16011701) |                      |
| 642428.28  | 4290889.76 | 157.01776  | (18010422) 641268.28 |
| 4290929.76 | 194.80942  | (17021620) |                      |
| 641308.28  | 4290929.76 | 213.14521  | (17021620) 641348.28 |
| 4290929.76 | 229.51239  | (18010924) |                      |
| 641388.28  | 4290929.76 | 249.07783  | (14120505) 641428.28 |
| 4290929.76 | 270.26701  | (17021219) |                      |
| 641468.28  | 4290929.76 | 291.31865  | (18020218) 641508.28 |
| 4290929.76 | 317.32379  | (15020718) |                      |
| 641548.28  | 4290929.76 | 327.48205  | (14020502) 641588.28 |
| 4290929.76 | 318.86224  | (18080523) |                      |
| 641628.28  | 4290929.76 | 381.63487  | (17031618) 642188.28 |
| 4290929.76 | 195.76872  | (17010422) |                      |
| 642228.28  | 4290929.76 | 181.87518  | (16011624) 642268.28 |
| 4290929.76 | 178.55002  | (16020921) |                      |
| 642308.28  | 4290929.76 | 175.50293  | (16020921) 642348.28 |
| 4290929.76 | 168.69151  | (15010721) |                      |
| 642388.28  | 4290929.76 | 157.33234  | (15010721) 642428.28 |
| 4290929.76 | 149.66612  | (16011701) |                      |
| 641268.28  | 4290969.76 | 185.20006  | (15020801) 641308.28 |
| 4290969.76 | 198.97199  | (18010924) |                      |
| 641348.28  | 4290969.76 | 213.63569  | (14120505) 641388.28 |
| 4290969.76 | 229.52653  | (17021219) |                      |
| 641428.28  | 4290969.76 | 247.44751  | (16021701) 641468.28 |
| 4290969.76 | 266.90277  | (18020218) |                      |

\*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Baseline Road Fuel  
 Station\_TOG\Baseline Road Fu \*\*\* 08/18/25  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): VOL1 , VOL2  
 , VOL3 , VOL4 , VOL5 ,  
 VOL6 , VOL7 , VOL8 , VOL9 , VOL10  
 , VOL11 , VOL12 , STCK1 ,  
 STCK2 , VOL13 , VOL14 , VOL15 , VOL17

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

|             |             | ** CONC OF TOG |            | IN MICROGRAMS/M**3 |  |
|-------------|-------------|----------------|------------|--------------------|--|
| **          |             |                |            |                    |  |
| X-COORD (M) | Y-COORD (M) | CONC           | (YYMMDDHH) | X-COORD (M)        |  |
| Y-COORD (M) | CONC        | (YYMMDDHH)     |            |                    |  |
| -----       |             |                |            |                    |  |
| -----       |             |                |            |                    |  |
| 641508.28   | 4290969.76  | 282.23201      | (18020802) | 641548.28          |  |
| 4290969.76  | 266.49159   | (14020502)     |            |                    |  |
| 641588.28   | 4290969.76  | 277.96090      | (15072824) | 641628.28          |  |
| 4290969.76  | 338.82217   | (17031618)     |            |                    |  |
| 641668.28   | 4290969.76  | 352.87703      | (17031618) | 641708.28          |  |
| 4290969.76  | 340.83734   | (17111516)     |            |                    |  |
| 641748.28   | 4290969.76  | 312.54645      | (17020903) | 641788.28          |  |
| 4290969.76  | 311.48726   | (14120307)     |            |                    |  |
| 641828.28   | 4290969.76  | 302.70946      | (18020320) | 641868.28          |  |
| 4290969.76  | 286.40838   | (17021521)     |            |                    |  |
| 641908.28   | 4290969.76  | 268.47492      | (14120806) | 641948.28          |  |
| 4290969.76  | 277.75952   | (17021519)     |            |                    |  |
| 642188.28   | 4290969.76  | 186.41019      | (16121022) | 642228.28          |  |
| 4290969.76  | 171.88921   | (16013022)     |            |                    |  |
| 642268.28   | 4290969.76  | 160.93547      | (18010219) | 642308.28          |  |
| 4290969.76  | 151.03619   | (16020921)     |            |                    |  |
| 642348.28   | 4290969.76  | 152.83824      | (16020921) | 642388.28          |  |
| 4290969.76  | 149.05568   | (15010721)     |            |                    |  |
| 642428.28   | 4290969.76  | 143.28866      | (15010721) | 641268.28          |  |
| 4291009.76  | 174.43229   | (18010924)     |            |                    |  |
| 641308.28   | 4291009.76  | 186.14017      | (14120505) | 641348.28          |  |
| 4291009.76  | 198.40587   | (17021219)     |            |                    |  |
| 641388.28   | 4291009.76  | 213.53641      | (16021701) | 641428.28          |  |
| 4291009.76  | 228.74529   | (18020218)     |            |                    |  |
| 641468.28   | 4291009.76  | 240.85615      | (18020802) | 641508.28          |  |
| 4291009.76  | 241.37551   | (14020502)     |            |                    |  |
| 641548.28   | 4291009.76  | 235.03298      | (18080523) | 641588.28          |  |
| 4291009.76  | 245.51771   | (18052903)     |            |                    |  |
| 641628.28   | 4291009.76  | 296.12334      | (17031618) | 641668.28          |  |
| 4291009.76  | 283.77013   | (17031618)     |            |                    |  |
| 641708.28   | 4291009.76  | 284.39573      | (17111516) | 641748.28          |  |
| 4291009.76  | 270.83975   | (17020903)     |            |                    |  |
| 641788.28   | 4291009.76  | 271.49238      | (14120307) | 641828.28          |  |
| 4291009.76  | 264.04646   | (18020320)     |            |                    |  |
| 641868.28   | 4291009.76  | 251.60884      | (14012619) | 641908.28          |  |
| 4291009.76  | 241.71942   | (14120806)     |            |                    |  |
| 641948.28   | 4291009.76  | 235.28182      | (17021519) | 642188.28          |  |
| 4291009.76  | 177.30736   | (15021919)     |            |                    |  |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 642228.28  | 4291009.76 | 165.08843  | (16121022) | 642268.28 |
| 4291009.76 | 152.99766  | (16013022) |            |           |
| 642308.28  | 4291009.76 | 143.43080  | (17010422) | 642348.28 |
| 4291009.76 | 135.02279  | (16011624) |            |           |
| 642388.28  | 4291009.76 | 132.60435  | (16020921) | 642428.28 |
| 4291009.76 | 132.39465  | (16020921) |            |           |
| 641268.28  | 4291049.76 | 164.07703  | (14120505) | 641308.28 |
| 4291049.76 | 173.61652  | (17021219) |            |           |
| 641348.28  | 4291049.76 | 186.52233  | (16021701) | 641388.28 |
| 4291049.76 | 197.35859  | (18020218) |            |           |
| 641428.28  | 4291049.76 | 207.43665  | (15020718) | 641468.28 |
| 4291049.76 | 215.42079  | (18020802) |            |           |
| 641508.28  | 4291049.76 | 202.24222  | (18042320) | 641548.28 |
| 4291049.76 | 209.00800  | (14121823) |            |           |
| 641588.28  | 4291049.76 | 218.83472  | (16021702) | 641628.28 |
| 4291049.76 | 256.77723  | (17031618) |            |           |
| 641668.28  | 4291049.76 | 233.76470  | (16020818) | 641708.28 |
| 4291049.76 | 241.18084  | (17111516) |            |           |
| 641748.28  | 4291049.76 | 237.75152  | (17020903) | 641788.28 |
| 4291049.76 | 239.83329  | (14120401) |            |           |
| 641828.28  | 4291049.76 | 230.95418  | (14010818) | 641868.28 |
| 4291049.76 | 223.09992  | (17021619) |            |           |
| 641908.28  | 4291049.76 | 217.15388  | (14122319) | 641948.28 |
| 4291049.76 | 205.66170  | (14011518) |            |           |
| 642188.28  | 4291049.76 | 165.50157  | (14021018) | 642228.28 |
| 4291049.76 | 156.94296  | (15021919) |            |           |
| 642268.28  | 4291049.76 | 147.49776  | (16121022) | 642308.28 |
| 4291049.76 | 136.95928  | (16013022) |            |           |
| 642348.28  | 4291049.76 | 128.97866  | (17010422) | 642388.28 |
| 4291049.76 | 122.17587  | (18010219) |            |           |
| 642428.28  | 4291049.76 | 114.96027  | (16020921) | 641268.28 |
| 4291089.76 | 153.59786  | (17021219) |            |           |
| 641308.28  | 4291089.76 | 164.38688  | (16021701) | 641348.28 |
| 4291089.76 | 171.43269  | (18020218) |            |           |
| 641388.28  | 4291089.76 | 181.77106  | (18020218) | 641428.28 |
| 4291089.76 | 191.07116  | (18020802) |            |           |
| 641468.28  | 4291089.76 | 187.25746  | (14020502) | 641508.28 |
| 4291089.76 | 182.98172  | (14012318) |            |           |
| 641548.28  | 4291089.76 | 189.52727  | (15072824) | 641588.28 |
| 4291089.76 | 197.63212  | (15032919) |            |           |
| 641628.28  | 4291089.76 | 221.49415  | (17031618) | 641668.28 |
| 4291089.76 | 207.61247  | (18062223) |            |           |

\*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Baseline Road Fuel  
 Station\_TOG\Baseline Road Fu \*\*\* 08/18/25  
 \*\*\* AERMET - VERSION 19191 \*\*\*  
 \*\*\* 13:19:08

VALUES FOR SOURCE GROUP: ALL \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION \*\*\*

INCLUDING SOURCE(S): VOL1 , VOL2  
 , VOL3 , VOL4 , VOL5 ,  
 VOL6 , VOL7 , VOL8 , VOL9 , VOL10  
 , VOL11 , VOL12 , STCK1 ,  
 STCK2 , VOL13 , VOL14 , VOL15 , VOL17  
 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF TOG IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 641708.28   | 4291089.76  | 208.76920  | (14091220) | 641748.28   |
| 4291089.76  | 210.96801   | (17020903) |            |             |
| 641788.28   | 4291089.76  | 213.58656  | (14120401) | 641828.28   |
| 4291089.76  | 205.58656   | (14010818) |            |             |
| 641868.28   | 4291089.76  | 202.92357  | (18020320) | 641908.28   |
| 4291089.76  | 195.51020   | (17021521) |            |             |
| 641948.28   | 4291089.76  | 187.96451  | (14120806) | 641988.28   |
| 4291089.76  | 183.49101   | (17021519) |            |             |
| 642028.28   | 4291089.76  | 189.80230  | (16121222) | 642068.28   |
| 4291089.76  | 183.18734   | (14120407) |            |             |
| 642108.28   | 4291089.76  | 175.43363  | (14013002) | 642148.28   |
| 4291089.76  | 164.24582   | (17021520) |            |             |
| 641268.28   | 4291129.76  | 146.08602  | (16021701) | 641308.28   |
| 4291129.76  | 151.22533   | (16021701) |            |             |
| 641348.28   | 4291129.76  | 162.21436  | (18020218) | 641388.28   |
| 4291129.76  | 168.60348   | (16021024) |            |             |
| 641428.28   | 4291129.76  | 170.81935  | (18020802) | 641468.28   |
| 4291129.76  | 161.22675   | (18042320) |            |             |
| 641508.28   | 4291129.76  | 166.02841  | (14121823) | 641548.28   |
| 4291129.76  | 172.44411   | (18052903) |            |             |
| 641588.28   | 4291129.76  | 181.50935  | (17031618) | 641628.28   |
| 4291129.76  | 190.73647   | (17031618) |            |             |
| 641668.28   | 4291129.76  | 186.16149  | (18062223) | 641708.28   |
| 4291129.76  | 187.05003   | (14091220) |            |             |
| 641748.28   | 4291129.76  | 188.90168  | (17020903) | 641788.28   |
| 4291129.76  | 191.58219   | (15021519) |            |             |
| 641828.28   | 4291129.76  | 186.70334  | (14012518) | 641868.28   |
| 4291129.76  | 185.00420   | (18020320) |            |             |
| 641908.28   | 4291129.76  | 177.16437  | (14012619) | 641948.28   |
| 4291129.76  | 171.41097   | (14012620) |            |             |
| 641988.28   | 4291129.76  | 164.60513  | (14011518) | 642028.28   |



|            |            |            |                      |
|------------|------------|------------|----------------------|
| 4291129.76 | 169.67685  | (17021519) |                      |
| 642068.28  | 4291129.76 | 169.75247  | (15021022) 642108.28 |
| 4291129.76 | 162.53890  | (14121205) |                      |
| 642148.28  | 4291129.76 | 155.02735  | (14013002) 641374.56 |
| 4290226.75 | 349.24078  | (18020702) |                      |
| 641414.56  | 4290226.75 | 389.89865  | (18020418) 641454.56 |
| 4290226.75 | 412.54229  | (15021323) |                      |
| 641494.56  | 4290226.75 | 440.68901  | (14021718) 641534.56 |
| 4290226.75 | 482.56596  | (16022819) |                      |
| 641574.56  | 4290226.75 | 502.92795  | (18020119) 641614.56 |
| 4290226.75 | 531.75847  | (14021719) |                      |
| 641654.56  | 4290226.75 | 553.68609  | (15021120) 641694.56 |
| 4290226.75 | 567.74977  | (15011821) |                      |
| 641734.56  | 4290226.75 | 570.22019  | (18010719) 641774.56 |
| 4290226.75 | 572.39918  | (14051219) |                      |
| 641814.56  | 4290226.75 | 531.08864  | (17122820) 641854.56 |
| 4290226.75 | 516.28077  | (15020223) |                      |
| 641894.56  | 4290226.75 | 554.19274  | (18012817) 641934.56 |
| 4290226.75 | 471.07681  | (15021418) |                      |
| 641974.56  | 4290226.75 | 396.54559  | (16012520) 642014.56 |
| 4290226.75 | 351.89988  | (14120102) |                      |
| 642054.56  | 4290226.75 | 327.91720  | (14021320) 642094.56 |
| 4290226.75 | 299.07000  | (15021324) |                      |
| 642134.56  | 4290226.75 | 275.31908  | (18012304) 642174.56 |
| 4290226.75 | 254.91283  | (15010820) |                      |
| 642214.56  | 4290226.75 | 236.74853  | (15021204) 642254.56 |
| 4290226.75 | 222.01622  | (18011620) |                      |
| 642294.56  | 4290226.75 | 204.23120  | (18011620) 642334.56 |
| 4290226.75 | 191.66875  | (18122307) |                      |
| 642374.56  | 4290226.75 | 178.23590  | (18020924) 642414.56 |
| 4290226.75 | 161.16896  | (18020924) |                      |
| 642454.56  | 4290226.75 | 142.05119  | (18020924) 642494.56 |
| 4290226.75 | 122.67177  | (18020924) |                      |
| 642534.56  | 4290226.75 | 104.28164  | (18020924) 642574.56 |
| 4290226.75 | 97.76926   | (18020123) |                      |
| 642614.56  | 4290226.75 | 92.42544   | (18013122) 641374.56 |
| 4290266.75 | 384.00741  | (14022218) |                      |
| 641414.56  | 4290266.75 | 410.40294  | (18020702) 641454.56 |
| 4290266.75 | 461.69023  | (18020418) |                      |
| 641494.56  | 4290266.75 | 490.35386  | (18121506) 641534.56 |
| 4290266.75 | 538.03128  | (14021718) |                      |
| 641574.56  | 4290266.75 | 568.49610  | (15010718) 641614.56 |
| 4290266.75 | 611.72659  | (18010118) |                      |
| 641654.56  | 4290266.75 | 646.86433  | (15120619) 641694.56 |
| 4290266.75 | 661.32642  | (16022921) |                      |
| 641734.56  | 4290266.75 | 672.88485  | (18010719) 641774.56 |
| 4290266.75 | 683.93463  | (14051219) |                      |
| 641814.56  | 4290266.75 | 623.37356  | (18010318) 641854.56 |
| 4290266.75 | 674.01888  | (18012817) |                      |

▲ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Baseline Road Fuel

Station\_TOG\Baseline Road Fu \*\*\* 08/18/25  
\*\*\* AERMET - VERSION 19191 \*\*\* \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*  
INCLUDING SOURCE(S): VOL1 , VOL2  
, VOL3 , VOL4 , VOL5 ,  
VOL6 , VOL7 , VOL8 , VOL9 , VOL10  
, VOL11 , VOL12 , STCK1 ,  
STCK2 , VOL13 , VOL14 , VOL15 , VOL17  
,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS  
\*\*\*

\*\* CONC OF TOG IN MICROGRAMS/M\*\*3  
\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 641894.56   | 4290266.75  | 648.20627  | (18012817) | 641934.56   |
| 4290266.75  | 510.31472   | (16012520) |            |             |
| 641974.56   | 4290266.75  | 420.48940  | (14120102) | 642014.56   |
| 4290266.75  | 391.69872   | (14021320) |            |             |
| 642054.56   | 4290266.75  | 352.89199  | (15021324) | 642094.56   |
| 4290266.75  | 320.97113   | (18012304) |            |             |
| 642134.56   | 4290266.75  | 296.25375  | (16021407) | 642174.56   |
| 4290266.75  | 272.45382   | (15021204) |            |             |
| 642214.56   | 4290266.75  | 252.59787  | (18011620) | 642254.56   |
| 4290266.75  | 231.20741   | (18122307) |            |             |
| 642294.56   | 4290266.75  | 214.12286  | (18020924) | 642334.56   |
| 4290266.75  | 192.91565   | (18020924) |            |             |
| 642374.56   | 4290266.75  | 168.37530  | (18020924) | 642414.56   |
| 4290266.75  | 143.51504   | (18020924) |            |             |
| 642454.56   | 4290266.75  | 120.28349  | (18020924) | 642494.56   |
| 4290266.75  | 112.96605   | (18020123) |            |             |
| 642534.56   | 4290266.75  | 106.09391  | (18013122) | 642574.56   |
| 4290266.75  | 98.74474    | (18013122) |            |             |
| 642614.56   | 4290266.75  | 92.64691   | (15011420) | 641374.56   |
| 4290306.75  | 404.91409   | (14022803) |            |             |
| 641414.56   | 4290306.75  | 452.84351  | (14022218) | 641454.56   |
| 4290306.75  | 491.48917   | (18020702) |            |             |
| 641494.56   | 4290306.75  | 557.69686  | (18020418) | 641534.56   |
| 4290306.75  | 602.25502   | (18121506) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 641574.56  | 4290306.75 | 667.21242  | (16022819) | 641614.56 |
| 4290306.75 | 712.19810  | (18020119) |            |           |
| 641654.56  | 4290306.75 | 761.98312  | (15120619) | 641694.56 |
| 4290306.75 | 785.02908  | (16022921) |            |           |
| 641734.56  | 4290306.75 | 811.43634  | (18010719) | 641774.56 |
| 4290306.75 | 845.82131  | (14051219) |            |           |
| 641814.56  | 4290306.75 | 743.22319  | (15012720) | 641854.56 |
| 4290306.75 | 893.27952  | (18012817) |            |           |
| 641894.56  | 4290306.75 | 705.20473  | (18012817) | 641934.56 |
| 4290306.75 | 516.38480  | (18120321) |            |           |
| 641974.56  | 4290306.75 | 478.51465  | (14021320) | 642014.56 |
| 4290306.75 | 425.86063  | (15021324) |            |           |
| 642054.56  | 4290306.75 | 382.13532  | (16022123) | 642094.56 |
| 4290306.75 | 348.52101  | (16021407) |            |           |
| 642134.56  | 4290306.75 | 335.71845  | (17013017) | 642174.56 |
| 4290306.75 | 288.85925  | (17013017) |            |           |
| 642214.56  | 4290306.75 | 263.86441  | (18020924) | 642254.56 |
| 4290306.75 | 236.43628  | (18020924) |            |           |
| 642294.56  | 4290306.75 | 203.96537  | (18020924) | 642334.56 |
| 4290306.75 | 171.14423  | (18020924) |            |           |
| 642374.56  | 4290306.75 | 142.51352  | (18020123) | 642414.56 |
| 4290306.75 | 132.51929  | (18013122) |            |           |
| 642454.56  | 4290306.75 | 122.97178  | (18013122) | 642494.56 |
| 4290306.75 | 113.41842  | (15011420) |            |           |
| 642534.56  | 4290306.75 | 108.00856  | (14013001) | 642574.56 |
| 4290306.75 | 102.26478  | (14013001) |            |           |
| 642614.56  | 4290306.75 | 118.76527  | (17013118) | 641374.56 |
| 4290346.75 | 438.92657  | (14020619) |            |           |
| 641414.56  | 4290346.75 | 486.06953  | (14022803) | 641454.56 |
| 4290346.75 | 542.50801  | (15120808) |            |           |
| 641494.56  | 4290346.75 | 604.44813  | (18020702) | 641534.56 |
| 4290346.75 | 691.97086  | (18020418) |            |           |
| 641574.56  | 4290346.75 | 754.58284  | (16010301) | 641614.56 |
| 4290346.75 | 841.23268  | (16022819) |            |           |
| 641654.56  | 4290346.75 | 918.98866  | (14021719) | 641694.56 |
| 4290346.75 | 975.68809  | (14020301) |            |           |
| 641734.56  | 4290346.75 | 1049.04131 | (18052819) | 641774.56 |
| 4290346.75 | 1047.89218 | (14051219) |            |           |
| 641814.56  | 4290346.75 | 1096.29461 | (18012817) | 641854.56 |
| 4290346.75 | 1121.67525 | (18012817) |            |           |
| 641894.56  | 4290346.75 | 713.07616  | (16012520) | 641934.56 |
| 4290346.75 | 600.33365  | (14021320) |            |           |
| 641974.56  | 4290346.75 | 528.93279  | (15021324) | 642014.56 |
| 4290346.75 | 465.67496  | (16022123) |            |           |
| 642054.56  | 4290346.75 | 446.05498  | (17013017) | 642094.56 |
| 4290346.75 | 419.45011  | (17013017) |            |           |
| 642134.56  | 4290346.75 | 336.23745  | (18122307) | 642174.56 |
| 4290346.75 | 299.27881  | (18020924) |            |           |
| 642214.56  | 4290346.75 | 254.22210  | (18020924) | 642254.56 |
| 4290346.75 | 208.81404  | (18020924) |            |           |

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        642294.56   4290346.75   172.87950   (18020123)           642334.56
4290346.75   158.80027   (18013122)
        642374.56   4290346.75   144.39069   (18013122)           642414.56
4290346.75   135.26879   (14013001)
        642454.56   4290346.75   126.96406   (14012924)           642494.56
4290346.75   119.52909   (14012924)
^ *** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\Baseline Road Fuel
Station_TOG\Baseline Road Fu *** *** 08/18/25
*** AERMET - VERSION 19191 *** ***
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*** 13:19:08

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
                                INCLUDING SOURCE(S):  VOL1           , VOL2
, VOL3           , VOL4           , VOL5           ,
                VOL6           , VOL7           , VOL8           , VOL9           , VOL10
, VOL11          , VOL12          , STCK1          ,
                STCK2          , VOL13          , VOL14          , VOL15          , VOL17
,

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\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

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\*\* CONC OF TOG IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 642534.56   | 4290346.75  | 111.77097  | (14012924) | 642574.56   |
| 4290346.75  | 103.93348   | (14012924) |            |             |
| 642614.56   | 4290346.75  | 124.34986  | (18011220) | 641374.56   |
| 4290386.75  | 448.02620   | (14120218) |            |             |
| 641414.56   | 4290386.75  | 526.19365  | (14120218) | 641454.56   |
| 4290386.75  | 587.49036   | (14020619) |            |             |
| 641494.56   | 4290386.75  | 665.90533  | (15120808) | 641534.56   |
| 4290386.75  | 764.92470   | (18020702) |            |             |
| 641574.56   | 4290386.75  | 887.74639  | (18020418) | 641614.56   |
| 4290386.75  | 1017.67478  | (14021718) |            |             |
| 641654.56   | 4290386.75  | 1126.96433 | (18020119) | 641694.56   |
| 4290386.75  | 1241.33367  | (15021120) |            |             |
| 641734.56   | 4290386.75  | 1448.58299 | (18052819) | 641774.56   |
| 4290386.75  | 1297.27743  | (14051219) |            |             |
| 641814.56   | 4290386.75  | 1674.38778 | (18012817) | 641854.56   |
| 4290386.75  | 1256.53197  | (18012817) |            |             |
| 641894.56   | 4290386.75  | 815.08712  | (17013117) | 641934.56   |

|            |            |            |                      |
|------------|------------|------------|----------------------|
| 4290386.75 | 689.06178  | (17013117) |                      |
| 641974.56  | 4290386.75 | 586.14838  | (15010820) 642014.56 |
| 4290386.75 | 621.46388  | (17013017) |                      |
| 642054.56  | 4290386.75 | 508.63921  | (17013017) 642094.56 |
| 4290386.75 | 396.23258  | (18020924) |                      |
| 642134.56  | 4290386.75 | 329.40884  | (18020924) 642174.56 |
| 4290386.75 | 262.82520  | (18020924) |                      |
| 642214.56  | 4290386.75 | 215.57270  | (18013122) 642254.56 |
| 4290386.75 | 194.05587  | (18013122) |                      |
| 642294.56  | 4290386.75 | 177.18635  | (14013001) 642334.56 |
| 4290386.75 | 164.22031  | (14012924) |                      |
| 642374.56  | 4290386.75 | 152.26983  | (14012924) 642414.56 |
| 4290386.75 | 140.08702  | (14012924) |                      |
| 642454.56  | 4290386.75 | 128.68025  | (17021401) 642494.56 |
| 4290386.75 | 120.70099  | (18011619) |                      |
| 642534.56  | 4290386.75 | 112.97432  | (15020222) 642574.56 |
| 4290386.75 | 106.27508  | (15020222) |                      |
| 642614.56  | 4290386.75 | 99.74903   | (15020222) 641374.56 |
| 4290426.75 | 417.28574  | (17121217) |                      |
| 641414.56  | 4290426.75 | 487.05802  | (14120218) 641454.56 |
| 4290426.75 | 628.19441  | (14120218) |                      |
| 641494.56  | 4290426.75 | 740.31771  | (14020619) 641534.56 |
| 4290426.75 | 861.11568  | (14022803) |                      |
| 641574.56  | 4290426.75 | 1024.19790 | (18020702) 641614.56 |
| 4290426.75 | 1219.54772 | (18020118) |                      |
| 641654.56  | 4290426.75 | 1450.67618 | (16022819) 641694.56 |
| 4290426.75 | 1721.31347 | (15031518) |                      |
| 641734.56  | 4290426.75 | 2126.34072 | (18052819) 641774.56 |
| 4290426.75 | 1927.04702 | (18012817) |                      |
| 641814.56  | 4290426.75 | 2404.07158 | (18012817) 641854.56 |
| 4290426.75 | 1151.14176 | (17013117) |                      |
| 641894.56  | 4290426.75 | 1036.65998 | (17013117) 641934.56 |
| 4290426.75 | 901.12642  | (17013017) |                      |
| 641974.56  | 4290426.75 | 860.18154  | (17013017) 642014.56 |
| 4290426.75 | 584.31467  | (17013017) |                      |
| 642054.56  | 4290426.75 | 451.68913  | (18020924) 642094.56 |
| 4290426.75 | 345.40710  | (18020924) |                      |
| 642134.56  | 4290426.75 | 280.21623  | (18013122) 642174.56 |
| 4290426.75 | 247.21768  | (14013001) |                      |
| 642214.56  | 4290426.75 | 224.85410  | (14012924) 642254.56 |
| 4290426.75 | 203.98406  | (14012924) |                      |
| 642294.56  | 4290426.75 | 183.54766  | (14012924) 642334.56 |
| 4290426.75 | 167.84159  | (18011619) |                      |
| 642374.56  | 4290426.75 | 154.49981  | (15020222) 642414.56 |
| 4290426.75 | 142.87848  | (15020222) |                      |
| 642454.56  | 4290426.75 | 131.93076  | (15020222) 642494.56 |
| 4290426.75 | 121.71033  | (15020222) |                      |
| 642534.56  | 4290426.75 | 112.78315  | (18120621) 642574.56 |
| 4290426.75 | 106.09765  | (18120621) |                      |
| 642614.56  | 4290426.75 | 99.81487   | (18120621) 641374.56 |

4290466.75      441.37605    (18020818)  
                 641414.56    4290466.75      506.58493    (17122617)                  641454.56  
 4290466.75      634.10482    (18033018)  
                 641494.56    4290466.75      739.71096    (18033018)                  641534.56  
 4290466.75      965.86571    (14120218)  
                 641574.56    4290466.75      1176.67221    (14022803)                  641614.56  
 4290466.75      1465.14128    (14022218)  
                 641654.56    4290466.75      1829.54648    (18121506)                  641694.56  
 4290466.75      2470.48974    (14032018)  
                 641734.56    4290466.75      3451.62993    (18052819)                  641774.56  
 4290466.75      4075.30086    (18012817)  
                 641814.56    4290466.75      2820.09252    (18012817)                  641854.56  
 4290466.75      1729.56783    (17013117)  
 ▲ \*\*\* AERMOD - VERSION 24142 \*\*\*      \*\*\* C:\Lakes\AERMOD View\Baseline Road Fuel  
 Station\_TOG\Baseline Road Fu \*\*\*      08/18/25  
 \*\*\* AERMET - VERSION 19191 \*\*\*      \*\*\*  
                                  \*\*\*      13:19:08

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\*\*\* MODELOPTs:      RegDFAULT    CONC    ELEV    URBAN    ADJ\_U\*

\*\*\* THE    1ST HIGHEST    1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL      \*\*\*  
                                  INCLUDING SOURCE(S):      VOL1                  , VOL2  
                 , VOL3                  , VOL4                  , VOL5                  ,  
                                  VOL6                  , VOL7                  , VOL8                  , VOL9                  , VOL10  
                 , VOL11                  , VOL12                  , STCK1                  ,  
                                  STCK2                  , VOL13                  , VOL14                  , VOL15                  , VOL17  
                 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

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\*\* CONC OF TOG      IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 641894.56   | 4290466.75  | 1535.42366 | (17013017) | 641934.56   |
| 4290466.75  | 1132.55747  | (17013017) |            |             |
| 641974.56   | 4290466.75  | 673.99427  | (18020924) | 642014.56   |
| 4290466.75  | 481.71964   | (18020924) |            |             |
| 642054.56   | 4290466.75  | 397.19757  | (15011516) | 642094.56   |
| 4290466.75  | 346.52906   | (15011516) |            |             |
| 642134.56   | 4290466.75  | 294.49014  | (14012924) | 642174.56   |
| 4290466.75  | 258.46735   | (18011619) |            |             |
| 642214.56   | 4290466.75  | 231.37962  | (15020222) | 642254.56   |
| 4290466.75  | 208.15791   | (15020222) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 642294.56  | 4290466.75 | 187.12792  | (15020222) | 642334.56 |
| 4290466.75 | 169.06269  | (18120621) |            |           |
| 642374.56  | 4290466.75 | 155.56091  | (18120621) | 642414.56 |
| 4290466.75 | 143.16864  | (18120621) |            |           |
| 642454.56  | 4290466.75 | 131.87170  | (18120621) | 642494.56 |
| 4290466.75 | 122.52422  | (14120819) |            |           |
| 642534.56  | 4290466.75 | 115.15392  | (14120819) | 642574.56 |
| 4290466.75 | 108.28391  | (14120819) |            |           |
| 642614.56  | 4290466.75 | 101.97732  | (14120819) | 641920.09 |
| 4290522.63 | 1119.70501 | (15011516) |            |           |
| 641960.09  | 4290522.63 | 812.91090  | (15011516) | 642000.09 |
| 4290522.63 | 574.87814  | (15011516) |            |           |
| 642040.09  | 4290522.63 | 433.81482  | (15020222) | 642080.09 |
| 4290522.63 | 367.78684  | (18120621) |            |           |
| 642120.09  | 4290522.63 | 317.47642  | (14120819) | 642160.09 |
| 4290522.63 | 279.95372  | (14120819) |            |           |
| 642200.09  | 4290522.63 | 248.46190  | (14120819) | 642240.09 |
| 4290522.63 | 221.85184  | (14120819) |            |           |
| 642280.09  | 4290522.63 | 199.24939  | (14120819) | 642320.09 |
| 4290522.63 | 179.91052  | (14120819) |            |           |
| 642360.09  | 4290522.63 | 163.21725  | (14120819) | 642400.09 |
| 4290522.63 | 149.22639  | (15121617) |            |           |
| 642440.09  | 4290522.63 | 137.57336  | (15121617) | 642480.09 |
| 4290522.63 | 127.44550  | (18022719) |            |           |
| 642520.09  | 4290522.63 | 119.97605  | (18022719) | 642560.09 |
| 4290522.63 | 113.21599  | (18022719) |            |           |
| 642600.09  | 4290522.63 | 107.07337  | (18022719) | 641920.09 |
| 4290562.63 | 931.78070  | (18022719) |            |           |
| 641960.09  | 4290562.63 | 734.88141  | (18022719) | 642000.09 |
| 4290562.63 | 599.33733  | (18022719) |            |           |
| 642040.09  | 4290562.63 | 501.34783  | (18022719) | 642080.09 |
| 4290562.63 | 427.73891  | (18022719) |            |           |
| 642120.09  | 4290562.63 | 370.77586  | (18022719) | 642160.09 |
| 4290562.63 | 325.54900  | (18022719) |            |           |
| 642200.09  | 4290562.63 | 289.11691  | (18022719) | 642240.09 |
| 4290562.63 | 259.04796  | (18022719) |            |           |
| 642280.09  | 4290562.63 | 233.93672  | (18022719) | 642320.09 |
| 4290562.63 | 212.70693  | (18022719) |            |           |
| 642360.09  | 4290562.63 | 194.55899  | (18022719) | 642400.09 |
| 4290562.63 | 178.89798  | (18022719) |            |           |
| 642440.09  | 4290562.63 | 165.26518  | (18022719) | 642480.09 |
| 4290562.63 | 153.32461  | (18022719) |            |           |
| 642520.09  | 4290562.63 | 142.78734  | (18022719) | 642560.09 |
| 4290562.63 | 133.41414  | (18022719) |            |           |
| 642600.09  | 4290562.63 | 125.01757  | (18022719) | 641920.09 |
| 4290602.63 | 1083.41095 | (15032618) |            |           |
| 641960.09  | 4290602.63 | 808.90485  | (14120824) | 642000.09 |
| 4290602.63 | 651.96038  | (14120824) |            |           |
| 642040.09  | 4290602.63 | 538.51553  | (14120824) | 642080.09 |
| 4290602.63 | 456.38797  | (16012522) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 642120.09  | 4290602.63 | 394.72214  | (16012522) | 642160.09 |
| 4290602.63 | 345.81081  | (16012522) |            |           |
| 642200.09  | 4290602.63 | 306.40250  | (16012522) | 642240.09 |
| 4290602.63 | 273.91277  | (16012522) |            |           |
| 642280.09  | 4290602.63 | 246.81037  | (16012522) | 642320.09 |
| 4290602.63 | 223.93827  | (16012522) |            |           |
| 642360.09  | 4290602.63 | 204.42126  | (16012522) | 642400.09 |
| 4290602.63 | 187.60489  | (16012522) |            |           |
| 642440.09  | 4290602.63 | 172.99586  | (16012522) | 642480.09 |
| 4290602.63 | 160.20384  | (16012522) |            |           |
| 642520.09  | 4290602.63 | 148.92779  | (16012522) | 642560.09 |
| 4290602.63 | 139.04034  | (18022719) |            |           |
| 642600.09  | 4290602.63 | 130.14585  | (18022719) | 641920.09 |
| 4290642.63 | 976.42589  | (14013003) |            |           |
| 641960.09  | 4290642.63 | 782.11587  | (14013003) | 642000.09 |
| 4290642.63 | 626.31813  | (17123120) |            |           |
| 642040.09  | 4290642.63 | 525.49786  | (14013008) | 642080.09 |
| 4290642.63 | 450.52266  | (14013008) |            |           |
| 642120.09  | 4290642.63 | 394.68349  | (16021319) | 642160.09 |
| 4290642.63 | 347.57872  | (16021319) |            |           |

\*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Baseline Road Fuel  
 Station\_TOG\Baseline Road Fu \*\*\* 08/18/25  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): VOL1 , VOL2  
 , VOL3 , VOL4 , VOL5 ,  
 VOL6 , VOL7 , VOL8 , VOL9 , VOL10  
 , VOL11 , VOL12 , STCK1 ,  
 STCK2 , VOL13 , VOL14 , VOL15 , VOL17  
 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

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\*\* CONC OF TOG IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 642200.09   | 4290642.63  | 307.76436  | (16021319) | 642240.09   |
| 4290642.63  | 273.83222   | (16021319) |            |             |
| 642280.09   | 4290642.63  | 244.86729  | (16021319) | 642320.09   |



|            |            |            |                      |
|------------|------------|------------|----------------------|
| 4290642.63 | 220.06907  | (14120824) |                      |
| 642360.09  | 4290642.63 | 201.74854  | (14120824) 642400.09 |
| 4290642.63 | 185.63586  | (14120824) |                      |
| 642440.09  | 4290642.63 | 171.39864  | (14120824) 642480.09 |
| 4290642.63 | 158.76338  | (14120824) |                      |
| 642520.09  | 4290642.63 | 147.49496  | (14120824) 642560.09 |
| 4290642.63 | 137.40082  | (14120824) |                      |
| 642600.09  | 4290642.63 | 128.27475  | (14120824) 641920.09 |
| 4290682.63 | 1176.93475 | (16112016) |                      |
| 641960.09  | 4290682.63 | 820.16978  | (16112016) 642000.09 |
| 4290682.63 | 602.32158  | (14120720) |                      |
| 642040.09  | 4290682.63 | 499.55353  | (14013003) 642080.09 |
| 4290682.63 | 438.46290  | (14013003) |                      |
| 642120.09  | 4290682.63 | 379.17068  | (14013003) 642160.09 |
| 4290682.63 | 329.38837  | (18010417) |                      |
| 642200.09  | 4290682.63 | 294.37080  | (17123120) 642240.09 |
| 4290682.63 | 263.69506  | (14013008) |                      |
| 642280.09  | 4290682.63 | 240.28989  | (14013008) 642320.09 |
| 4290682.63 | 218.90180  | (14013008) |                      |
| 642360.09  | 4290682.63 | 202.18878  | (16021319) 642400.09 |
| 4290682.63 | 187.14760  | (16021319) |                      |
| 642440.09  | 4290682.63 | 173.38035  | (16021319) 642480.09 |
| 4290682.63 | 160.81104  | (16021319) |                      |
| 642520.09  | 4290682.63 | 149.34849  | (16021319) 642560.09 |
| 4290682.63 | 138.89317  | (16021319) |                      |
| 642600.09  | 4290682.63 | 129.31960  | (16021319) 641920.09 |
| 4290722.63 | 1143.89122 | (16021917) |                      |
| 641960.09  | 4290722.63 | 763.42581  | (16021917) 642000.09 |
| 4290722.63 | 544.47240  | (15010721) |                      |
| 642040.09  | 4290722.63 | 481.75443  | (16011701) 642080.09 |
| 4290722.63 | 413.62216  | (16021218) |                      |
| 642120.09  | 4290722.63 | 364.69797  | (14120720) 642160.09 |
| 4290722.63 | 317.51337  | (16121108) |                      |
| 642200.09  | 4290722.63 | 289.66471  | (14013003) 642240.09 |
| 4290722.63 | 261.89670  | (14013003) |                      |
| 642280.09  | 4290722.63 | 234.67462  | (14013003) 642320.09 |
| 4290722.63 | 212.24049  | (18010417) |                      |
| 642360.09  | 4290722.63 | 194.90985  | (17123120) 642400.09 |
| 4290722.63 | 180.22446  | (17123120) |                      |
| 642440.09  | 4290722.63 | 166.26824  | (17123120) 642480.09 |
| 4290722.63 | 155.59228  | (14013008) |                      |
| 642520.09  | 4290722.63 | 145.57161  | (14013008) 642560.09 |
| 4290722.63 | 136.09924  | (14013008) |                      |
| 642600.09  | 4290722.63 | 128.45030  | (16021319) 641920.09 |
| 4290762.63 | 687.96121  | (16021917) |                      |
| 641960.09  | 4290762.63 | 709.50148  | (16021917) 642000.09 |
| 4290762.63 | 570.98610  | (16021917) |                      |
| 642040.09  | 4290762.63 | 429.94245  | (15010721) 642080.09 |
| 4290762.63 | 380.93142  | (16011701) |                      |
| 642120.09  | 4290762.63 | 349.39342  | (16011701) 642160.09 |

|            |            |            |                      |
|------------|------------|------------|----------------------|
| 4290762.63 | 309.75487  | (18010422) |                      |
| 642200.09  | 4290762.63 | 279.58244  | (14120720) 642240.09 |
| 4290762.63 | 251.08980  | (14120720) |                      |
| 642280.09  | 4290762.63 | 225.61547  | (16121108) 642320.09 |
| 4290762.63 | 209.71831  | (14013003) |                      |
| 642360.09  | 4290762.63 | 194.64872  | (14013003) 642400.09 |
| 4290762.63 | 179.15823  | (14013003) |                      |
| 642440.09  | 4290762.63 | 163.87096  | (14013003) 642480.09 |
| 4290762.63 | 151.90323  | (18010417) |                      |
| 642520.09  | 4290762.63 | 141.43754  | (17123120) 642560.09 |
| 4290762.63 | 133.28020  | (17123120) |                      |
| 642600.09  | 4290762.63 | 125.25751  | (17123120) 641920.09 |
| 4290802.63 | 518.41504  | (17021520) |                      |
| 641960.09  | 4290802.63 | 453.73902  | (15021919) 642000.09 |
| 4290802.63 | 445.92967  | (16021917) |                      |
| 642040.09  | 4290802.63 | 407.35252  | (16021917) 642080.09 |
| 4290802.63 | 338.89678  | (16020921) |                      |
| 642120.09  | 4290802.63 | 318.99949  | (15010721) 642160.09 |
| 4290802.63 | 287.33225  | (16011701) |                      |
| 642200.09  | 4290802.63 | 268.84097  | (16011701) 642240.09 |
| 4290802.63 | 243.84938  | (18010422) |                      |
| 642280.09  | 4290802.63 | 221.45809  | (14120720) 642320.09 |
| 4290802.63 | 204.96229  | (14120720) |                      |
| 642360.09  | 4290802.63 | 186.47042  | (14120720) 642400.09 |
| 4290802.63 | 171.38384  | (16121108) |                      |
| 642440.09  | 4290802.63 | 161.02016  | (14013003) 642480.09 |
| 4290802.63 | 152.00979  | (14013003) |                      |

^ \*\*\* AERMOD - VERSION 24142 \*\*\* C:\Lakes\AERMOD View\Baseline Road Fuel  
 Station\_TOG\Baseline Road Fu \*\*\* 08/18/25  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): VOL1 , VOL2  
 , VOL3 , VOL4 , VOL5 ,  
 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10  
 , VOL11 , VOL12 , STCK1 ,  
 STCK2 , VOL13 , VOL14 , VOL15 , VOL17  
 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

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\*\* CONC OF TOG IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 642520.09   | 4290802.63  | 142.42862  | (14013003) | 642560.09   |
| 4290802.63  | 132.65082   | (14013003) |            |             |
| 642600.09   | 4290802.63  | 122.94607  | (14013003) | 641920.09   |
| 4290842.63  | 451.58015   | (14013002) |            |             |
| 641960.09   | 4290842.63  | 404.08184  | (17021520) | 642000.09   |
| 4290842.63  | 360.21858   | (15021919) |            |             |
| 642040.09   | 4290842.63  | 324.21872  | (16121022) | 642080.09   |
| 4290842.63  | 292.08289   | (16021917) |            |             |
| 642120.09   | 4290842.63  | 268.86346  | (16020921) | 642160.09   |
| 4290842.63  | 263.87335   | (16020921) |            |             |
| 642200.09   | 4290842.63  | 248.85044  | (15010721) | 642240.09   |
| 4290842.63  | 227.14322   | (16011701) |            |             |
| 642280.09   | 4290842.63  | 215.37086  | (16011701) | 642320.09   |
| 4290842.63  | 198.33468   | (18010422) |            |             |
| 642360.09   | 4290842.63  | 182.49507  | (16021218) | 642400.09   |
| 4290842.63  | 170.35488   | (14120720) |            |             |
| 642440.09   | 4290842.63  | 158.53427  | (14120720) | 642480.09   |
| 4290842.63  | 145.62803   | (14120720) |            |             |
| 642520.09   | 4290842.63  | 136.18140  | (16121108) | 642560.09   |
| 4290842.63  | 128.73775   | (14013003) |            |             |
| 642600.09   | 4290842.63  | 122.96690  | (14013003) | 641920.09   |
| 4290882.63  | 392.24934   | (15021022) |            |             |
| 641960.09   | 4290882.63  | 360.71873  | (14013002) | 642000.09   |
| 4290882.63  | 325.61983   | (17021520) |            |             |
| 642040.09   | 4290882.63  | 295.18332  | (15021919) | 642080.09   |
| 4290882.63  | 271.25596   | (16121022) |            |             |
| 642120.09   | 4290882.63  | 243.52612  | (16013022) | 642160.09   |
| 4290882.63  | 223.42260   | (16011624) |            |             |
| 642200.09   | 4290882.63  | 219.76247  | (16020921) | 642240.09   |
| 4290882.63  | 213.10887   | (15010721) |            |             |
| 642280.09   | 4290882.63  | 201.09436  | (15010721) | 642320.09   |
| 4290882.63  | 185.66038   | (16011701) |            |             |
| 642360.09   | 4290882.63  | 177.76681  | (16011701) | 642400.09   |
| 4290882.63  | 165.95044   | (16011701) |            |             |
| 642440.09   | 4290882.63  | 153.99306  | (18010422) | 642480.09   |
| 4290882.63  | 143.84743   | (14120720) |            |             |
| 642520.09   | 4290882.63  | 136.19292  | (14120720) | 642560.09   |
| 4290882.63  | 127.34662   | (14120720) |            |             |
| 642600.09   | 4290882.63  | 118.49927  | (16121108) | 641450.64   |
| 4290754.44  | 506.15854   | (15021802) |            |             |
| 641490.64   | 4290754.44  | 540.87426  | (15011116) | 641530.64   |
| 4290754.44  | 654.43385   | (15011116) |            |             |
| 641570.64   | 4290754.44  | 694.03884  | (14120505) | 641610.64   |
| 4290754.44  | 831.44882   | (18020218) |            |             |
| 641650.64   | 4290754.44  | 910.83474  | (15020720) | 641450.64   |
| 4290794.44  | 397.91071   | (15011116) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 641490.64  | 4290794.44 | 447.86986  | (15021624) | 641530.64 |
| 4290794.44 | 516.13152  | (14120505) |            |           |
| 641570.64  | 4290794.44 | 592.29238  | (16021701) | 641610.64 |
| 4290794.44 | 671.26681  | (18020802) |            |           |
| 641650.64  | 4290794.44 | 744.29785  | (18102717) | 641450.64 |
| 4290834.44 | 356.52117  | (18010924) |            |           |
| 641490.64  | 4290834.44 | 401.51944  | (14120505) | 641530.64 |
| 4290834.44 | 453.54759  | (16021701) |            |           |
| 641570.64  | 4290834.44 | 503.83048  | (15020718) | 641610.64 |
| 4290834.44 | 516.33620  | (14020502) |            |           |
| 641650.64  | 4290834.44 | 643.46944  | (17031618) |           |

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\*\*\* MODELOPTs:      RegDFault    CONC    ELEV    URBAN    ADJ\_U\*

\*\*\* THE SUMMARY OF MAXIMUM PERIOD ( 43680  
 HRS) RESULTS \*\*\*

\*\* CONC OF TOG      IN MICROGRAMS/M\*\*3  
 \*\*

| GROUP ID             |                      | NETWORK | AVERAGE CONC  | RECEPTOR (XR, YR,      |
|----------------------|----------------------|---------|---------------|------------------------|
| ZELEV, ZHILL, ZFLAG) |                      | OF TYPE | GRID-ID       |                        |
| - - - - -            |                      |         |               |                        |
| FUELING/             | 1ST HIGHEST VALUE IS |         | 58.78465 AT ( | 641774.56, 4290466.75, |
| 35.56,               | 35.56, 0.00) DC      |         |               |                        |
|                      | 2ND HIGHEST VALUE IS |         | 51.17326 AT ( | 641814.56, 4290466.75, |
| 35.58,               | 35.58, 0.00) DC      |         |               |                        |
|                      | 3RD HIGHEST VALUE IS |         | 43.09803 AT ( | 641734.56, 4290466.75, |
| 35.43,               | 35.43, 0.00) DC      |         |               |                        |
|                      | 4TH HIGHEST VALUE IS |         | 32.78999 AT ( | 641814.56, 4290426.75, |
| 36.07,               | 36.07, 0.00) DC      |         |               |                        |
|                      | 5TH HIGHEST VALUE IS |         | 32.77978 AT ( | 641650.64, 4290754.44, |
| 32.14,               | 32.14, 0.00) DC      |         |               |                        |
|                      | 6TH HIGHEST VALUE IS |         | 31.67447 AT ( | 641854.56, 4290466.75, |
| 35.66,               | 35.66, 0.00) DC      |         |               |                        |
|                      | 7TH HIGHEST VALUE IS |         | 30.55332 AT ( | 641774.56, 4290426.75, |
| 35.65,               | 35.65, 0.00) DC      |         |               |                        |
|                      | 8TH HIGHEST VALUE IS |         | 30.21607 AT ( | 641694.56, 4290466.75, |
| 35.23,               | 35.23, 0.00) DC      |         |               |                        |

|          |                       |               |            |             |
|----------|-----------------------|---------------|------------|-------------|
| 36.15,   | 9TH HIGHEST VALUE IS  | 25.92932 AT ( | 641854.56, | 4290426.75, |
|          | 36.15, 0.00) DC       |               |            |             |
| 32.20,   | 10TH HIGHEST VALUE IS | 25.62197 AT ( | 641650.64, | 4290794.44, |
|          | 32.20, 0.00) DC       |               |            |             |
| SPIII    | 1ST HIGHEST VALUE IS  | 58.83973 AT ( | 641774.56, | 4290466.75, |
| 35.56,   | 35.56, 0.00) DC       |               |            |             |
|          | 2ND HIGHEST VALUE IS  | 51.21839 AT ( | 641814.56, | 4290466.75, |
| 35.58,   | 35.58, 0.00) DC       |               |            |             |
|          | 3RD HIGHEST VALUE IS  | 43.12560 AT ( | 641734.56, | 4290466.75, |
| 35.43,   | 35.43, 0.00) DC       |               |            |             |
|          | 4TH HIGHEST VALUE IS  | 32.81344 AT ( | 641814.56, | 4290426.75, |
| 36.07,   | 36.07, 0.00) DC       |               |            |             |
|          | 5TH HIGHEST VALUE IS  | 32.76409 AT ( | 641650.64, | 4290754.44, |
| 32.14,   | 32.14, 0.00) DC       |               |            |             |
|          | 6TH HIGHEST VALUE IS  | 31.69113 AT ( | 641854.56, | 4290466.75, |
| 35.66,   | 35.66, 0.00) DC       |               |            |             |
|          | 7TH HIGHEST VALUE IS  | 30.57199 AT ( | 641774.56, | 4290426.75, |
| 35.65,   | 35.65, 0.00) DC       |               |            |             |
|          | 8TH HIGHEST VALUE IS  | 30.22899 AT ( | 641694.56, | 4290466.75, |
| 35.23,   | 35.23, 0.00) DC       |               |            |             |
|          | 9TH HIGHEST VALUE IS  | 25.94384 AT ( | 641854.56, | 4290426.75, |
| 36.15,   | 36.15, 0.00) DC       |               |            |             |
|          | 10TH HIGHEST VALUE IS | 25.61105 AT ( | 641650.64, | 4290794.44, |
| 32.20,   | 32.20, 0.00) DC       |               |            |             |
| LOADING  | 1ST HIGHEST VALUE IS  | 43.85558 AT ( | 641650.64, | 4290754.44, |
| 32.14,   | 32.14, 0.00) DC       |               |            |             |
|          | 2ND HIGHEST VALUE IS  | 33.84489 AT ( | 641774.56, | 4290466.75, |
| 35.56,   | 35.56, 0.00) DC       |               |            |             |
|          | 3RD HIGHEST VALUE IS  | 33.00361 AT ( | 641650.64, | 4290794.44, |
| 32.20,   | 32.20, 0.00) DC       |               |            |             |
|          | 4TH HIGHEST VALUE IS  | 30.98205 AT ( | 641814.56, | 4290466.75, |
| 35.58,   | 35.58, 0.00) DC       |               |            |             |
|          | 5TH HIGHEST VALUE IS  | 28.76942 AT ( | 641610.64, | 4290754.44, |
| 32.27,   | 32.27, 0.00) DC       |               |            |             |
|          | 6TH HIGHEST VALUE IS  | 27.58220 AT ( | 641734.56, | 4290466.75, |
| 35.43,   | 35.43, 0.00) DC       |               |            |             |
|          | 7TH HIGHEST VALUE IS  | 25.13329 AT ( | 641610.64, | 4290794.44, |
| 32.84,   | 32.84, 0.00) DC       |               |            |             |
|          | 8TH HIGHEST VALUE IS  | 25.11969 AT ( | 641650.64, | 4290834.44, |
| 32.58,   | 32.58, 0.00) DC       |               |            |             |
|          | 9TH HIGHEST VALUE IS  | 22.59323 AT ( | 641854.56, | 4290466.75, |
| 35.66,   | 35.66, 0.00) DC       |               |            |             |
|          | 10TH HIGHEST VALUE IS | 21.48230 AT ( | 641814.56, | 4290426.75, |
| 36.07,   | 36.07, 0.00) DC       |               |            |             |
| BREATHIN | 1ST HIGHEST VALUE IS  | 43.87113 AT ( | 641650.64, | 4290754.44, |
| 32.14,   | 32.14, 0.00) DC       |               |            |             |
|          | 2ND HIGHEST VALUE IS  | 33.84353 AT ( | 641774.56, | 4290466.75, |

|        |        |       |    |          |      |            |             |
|--------|--------|-------|----|----------|------|------------|-------------|
| 35.56, | 35.56, | 0.00) | DC | 33.01134 | AT ( | 641650.64, | 4290794.44, |
| 32.20, | 32.20, | 0.00) | DC | 30.97376 | AT ( | 641814.56, | 4290466.75, |
| 35.58, | 35.58, | 0.00) | DC | 28.78097 | AT ( | 641610.64, | 4290754.44, |
| 32.27, | 32.27, | 0.00) | DC | 27.58532 | AT ( | 641734.56, | 4290466.75, |
| 35.43, | 35.43, | 0.00) | DC | 25.14096 | AT ( | 641610.64, | 4290794.44, |
| 32.84, | 32.84, | 0.00) | DC | 25.12367 | AT ( | 641650.64, | 4290834.44, |
| 32.58, | 32.58, | 0.00) | DC | 22.58567 | AT ( | 641854.56, | 4290466.75, |
| 35.66, | 35.66, | 0.00) | DC | 21.47946 | AT ( | 641814.56, | 4290426.75, |
| 36.07, | 36.07, | 0.00) | DC |          |      |            |             |

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 \*\*\* MODELOPTs:      RegDFAULT    CONC    ELEV    URBAN    ADJ\_U\*  
                                                                                  \*\*\* THE SUMMARY OF MAXIMUM PERIOD ( 43680  
 HRS) RESULTS \*\*\*

\*\* CONC OF TOG                      IN MICROGRAMS/M\*\*3  
 \*\*

|                      |                      | NETWORK      |      |            |             |
|----------------------|----------------------|--------------|------|------------|-------------|
| GROUP ID             |                      | AVERAGE CONC |      | RECEPTOR   | (XR, YR,    |
| ZELEV, ZHILL, ZFLAG) | OF TYPE              | GRID-ID      |      |            |             |
| -----                |                      |              |      |            |             |
| -----                |                      |              |      |            |             |
| ALL                  | 1ST HIGHEST VALUE IS | 185.31280    | AT ( | 641774.56, | 4290466.75, |
| 35.56,               | 35.56,      0.00)    | DC           |      |            |             |
|                      | 2ND HIGHEST VALUE IS | 164.34747    | AT ( | 641814.56, | 4290466.75, |
| 35.58,               | 35.58,      0.00)    | DC           |      |            |             |
|                      | 3RD HIGHEST VALUE IS | 153.27058    | AT ( | 641650.64, | 4290754.44, |
| 32.14,               | 32.14,      0.00)    | DC           |      |            |             |
|                      | 4TH HIGHEST VALUE IS | 141.39115    | AT ( | 641734.56, | 4290466.75, |
| 35.43,               | 35.43,      0.00)    | DC           |      |            |             |
|                      | 5TH HIGHEST VALUE IS | 117.24796    | AT ( | 641650.64, | 4290794.44, |
| 32.20,               | 32.20,      0.00)    | DC           |      |            |             |
|                      | 6TH HIGHEST VALUE IS | 108.56519    | AT ( | 641814.56, | 4290426.75, |

36.07, 36.07, 0.00) DC  
 7TH HIGHEST VALUE IS 108.54451 AT ( 641854.56, 4290466.75,  
 35.66, 35.66, 0.00) DC  
 8TH HIGHEST VALUE IS 103.98600 AT ( 641610.64, 4290754.44,  
 32.27, 32.27, 0.00) DC  
 9TH HIGHEST VALUE IS 103.14984 AT ( 641694.56, 4290466.75,  
 35.23, 35.23, 0.00) DC  
 10TH HIGHEST VALUE IS 102.65493 AT ( 641774.56, 4290426.75,  
 35.65, 35.65, 0.00) DC

\*\*\* RECEPTOR TYPES: GC = GRIDCART  
 GP = GRIDPOLR  
 DC = DISCCART  
 DP = DISCPOLR

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\*\*\* MODELOPTs: RegDFault CONC ELEV URBAN ADJ\_U\*

\*\*\* THE SUMMARY OF HIGHEST 1-HR

RESULTS \*\*\*

\*\* CONC OF TOG IN MICROGRAMS/M\*\*3

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| GROUP ID<br>(XR, YR, ZELEV, ZHILL, ZFLAG) | AVERAGE CONC<br>OF TYPE | NETWORK<br>GRID-ID | DATE<br>(YYMMDDHH) | RECEPTOR   |
|-------------------------------------------|-------------------------|--------------------|--------------------|------------|
| FUELING/ HIGH                             | 1ST HIGH VALUE IS       | 1293.02005         | ON 18012817: AT (  | 641774.56, |
| 4290466.75,                               | 35.56, 35.56,           | 0.00) DC           |                    |            |
| SPILL HIGH                                | 1ST HIGH VALUE IS       | 1294.30781         | ON 18012817: AT (  | 641774.56, |
| 4290466.75,                               | 35.56, 35.56,           | 0.00) DC           |                    |            |
| LOADING HIGH                              | 1ST HIGH VALUE IS       | 746.11887          | ON 14051219: AT (  | 641734.56, |
| 4290466.75,                               | 35.43, 35.43,           | 0.00) DC           |                    |            |
| BREATHIN HIGH                             | 1ST HIGH VALUE IS       | 746.37018          | ON 14051219: AT (  | 641734.56, |
| 4290466.75,                               | 35.43, 35.43,           | 0.00) DC           |                    |            |
| ALL HIGH                                  | 1ST HIGH VALUE IS       | 4075.30086         | ON 18012817: AT (  | 641774.56, |

4290466.75, 35.56, 35.56, 0.00) DC

\*\*\* RECEPTOR TYPES: GC = GRIDCART  
GP = GRIDPOLR  
DC = DISCCART  
DP = DISCPOLR

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* Message Summary : AERMOD Model Execution \*\*\*

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)  
A Total of 2 Warning Message(s)  
A Total of 996 Informational Message(s)  
  
A Total of 43680 Hours Were Processed  
  
A Total of 452 Calm Hours Identified  
  
A Total of 544 Missing Hours Identified ( 1.25 Percent)

\*\*\*\*\* FATAL ERROR MESSAGES \*\*\*\*\*  
\*\*\* NONE \*\*\*

\*\*\*\*\* WARNING MESSAGES \*\*\*\*\*  
ME W186 191 MEOPEN: THRESH\_1MIN 1-min ASOS wind speed threshold used  
0.50  
ME W187 191 MEOPEN: ADJ\_U\* Option for Stable Low Winds used in AERMET

\*\*\*\*\*  
\*\*\* AERMOD Finishes Successfully \*\*\*  
\*\*\*\*\*