

## AUTHORITY COMMUNICATION

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**TO:** South Placer Wastewater Authority      **DATE:** June 14, 2016  
Board of Directors

**FROM:** Executive Director's office

**AUTHORITY COMMUNICATION NO.:** 16-14

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**SUBJECT: Connection Fee Program Report**

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*For SPWA Board Meeting of 6/30/16*

### **ACTION REQUESTED**

This staff report is for information only. No action is requested.

### **BACKGROUND**

The attached report, prepared by Vavrinek, Trine, Day & Co., LLP, evaluates how the South Placer Wastewater Authority (Authority) and its member agencies complied with the "Funding Agreement" from July 2014 through June 2015. Payments from Placer County, Roseville, and South Placer Municipal Utility District were tested for the referenced time period.

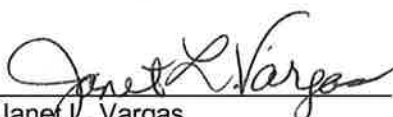
The following table summarizes the total connection fees collected and the associated equivalent dwelling units (EDUs) from July 2014 through June 2015.

	City	District	County
Gross Regional Connection Fees, as reported in Authority General Ledger	\$6,989,651	\$3,054,338	\$769,831
EDUs for Gross Regional Connection Fees, as reported to the Members	998	431	110

Actual EDUs developed in FY14-15 are approximately 99% of the EDUs estimated from the 2013 updated connection fee analysis, and total EDUs developed since the original funding of the bonds are approximately 91% of the estimated EDUs. The estimated and actual number of EDUs are summarized below.

Jurisdiction	FY 2014-2015		Total through 2014-2015	
	Estimated EDUs	Actual EDUs	Estimated EDUs	Actual EDUs
Roseville	847	998	18,370	23,854
South Placer Municipal Utilities District	500	431	11,420	10,674
Placer County	207	110	11,152	2,856
Total	1,554	1,539	40,942	37,384

Submitted by:

  
\_\_\_\_\_  
Janet L. Vargas  
Administrative Analyst II

Approved by:

  
\_\_\_\_\_  
Kenneth J. Glotzbach  
Executive Director

**SOUTH PLACER WASTEWATER AUTHORITY**

**CITY OF ROSEVILLE, CALIFORNIA**

**INDEPENDENT ACCOUNTANT'S REPORT ON  
APPLYING AGREED-UPON PROCEDURES FOR THE  
SOUTH PLACER WASTEWATER AUTHORITY**

**FOR THE YEAR ENDED JUNE 30, 2015**



**INDEPENDENT ACCOUNTANTS' REPORT  
ON APPLYING AGREED-UPON PROCEDURES**

To the Board of Directors  
of the South Placer Wastewater Authority  
Roseville, California

We have performed the procedures enumerated below, which were agreed to by the South Placer Wastewater Authority (Authority), solely to assist you with respect to the Regional Connection Fees collected by the City of Roseville (City), County of Placer (County), and the South Placer Municipal Utility District (District) (Regional Partners), and the allocation of these fees and compliance with the Amended and Restated Funding Agreement (Funding Agreement) for the year ended June 30, 2015. The Authority's management is responsible for the collection of fees and for compliance with the Funding Agreement. This agreed-upon procedures engagement was conducted in accordance with attestation standards established by the American Institute of Certified Public Accountants.

The sufficiency of these procedures is solely the responsibility of those parties specified in the report. Consequently, we make no representation regarding the sufficiency of the procedures described below either for the purpose for which this report has been requested or for any other purpose.

Exhibit A identifies the procedures performed and findings.

We were not engaged to, and did not conduct an audit, the objective of which would be the expression of an opinion on the Regional Connection Fees, the allocation of the fees and on compliance with the Funding Agreement. Accordingly, we do not express such an opinion. Had we performed additional procedures, other matters might have come to our attention that would have been reported to you.

This report is intended solely for the information and use of the Authority and its Regional Partners and is not intended to be and should not be used by anyone other than those specified parties.

*Vavrinek, Trine, Day & Co. LLP*

Sacramento, California  
June 9, 2016

**EXHIBIT A**

**SOUTH PLACER WASTEWATER AUTHORITY  
AGREED UPON PROCEDURES  
FOR THE YEAR ENDED JUNE 30, 2015**

The agreed-upon procedures performed, and the related responses and findings are as follows:

1. Inspect four monthly payments made to the City by the County and the District and 21 payments made to the City from developers for Regional connection fees to ensure they are in compliance with the following sections of the Restated and Amended Funding Agreement related to the South Placer Regional Wastewater Facilities (Funding Agreement) dated October 1, 2012 and the Amended and Restated Joint Exercise of Powers Agreement (JPA Agreement) dated October 1, 2012:
  - A. (3) Term and Termination
  - B. (4) Responsibilities of the City of Roseville
  - C. (5) Capacity Usage
  - D. (6) Issuance of Bonds by the Authority, Bond Provisions
  - E. (7) Pledge and Application of Participant Revenues
  - F. (8) Rate Covenant
  - G. (9) Rate Stabilization Fund
  - H. (10) Regional Connection Fees
  - I. (11) Participant Parity Obligations Secured by Participant Net Revenues
  - J. (12) Determination of Participants' Proportionate Shares
  - K. (13) Covenants of the Participants
  - L. (14) Amendments; Expiration of Certain Provisions

**Findings** – We inspected four monthly payments made to the City by the County and the District and 21 payments made to the City from developers for Regional connections fees to ensure they were in compliance with the sections of the Funding agreement and the JPA Agreement listed above.

Section 10.D.1 of the Funding Agreement states that payments should be remitted by the 15th day of the subsequent month. We noted that the payments for July 2014, August 2014, September 2014, January 2015 and March 2015 from South Placer Municipal Utility District were not received timely by the City of Roseville as follows:

<u>Month</u>	<u>Due Date</u>	<u>Date Received</u>
July 2014	August 15, 2014	September 16, 2014
August 2014	September 15, 2014	September 16, 2014
September 2014	October 15, 2014	November 14, 2014
January 2015	February 15, 2015	February 26, 2015
March 2015	April 15, 2015	May 7, 2015

No other exceptions were noted as a result of the procedures.

2. Recalculate the payments inspected in procedure 1 to determine mathematical accuracy.

**Findings** – We recalculated the four payments made to the City from the County and the District and 21 payments made to the City from developers tested in procedure one for mathematical accuracy.

No exceptions were noted as a result of the procedures.

**EXHIBIT A**

**SOUTH PLACER WASTEWATER AUTHORITY  
AGREED UPON PROCEDURES  
FOR THE YEAR ENDED JUNE 30, 2015**

3. Recalculate the monthly equivalent dwelling units (EDU) included in the remittance summaries for the payments inspected in procedure 1 to determine mathematical accuracy.

**Findings** – We recalculated the EDUs included in the remittance summaries for the four payments made to the City from the County and the District and 21 payments made to the City from developers tested in procedure 1 for mathematical accuracy.

No exceptions were noted as a result of the procedures.

4. Determine whether the roster of the Authority’s Board of Directors is in accordance with section 7 (a) of the JPA Agreement.

**Findings** –Section 7(a) of the JPA Agreement states that “The Authority shall be administered by a board of directors (“Board”) consisting of five directors. Two directors shall be appointed by the City, one director shall be appointed by the District, and two directors shall be appointed by the County. One County-appointed director shall be a member of the County Board of Supervisors and must represent a supervisorial district which includes all or a portion of the City of Roseville; such County-appointed director shall be selected annually by the County Board of Supervisors and shall be subject to Confirmation by the Roseville City Council.”

For the fiscal year ended June 30, 2015, the Board consisted of the following individuals:

Bonnie Gore, Chair – Roseville City Council Member  
Robert Weygandt, Vice Chair – Placer County Supervisor, District 2  
Jack Duran, Director – Placer County Supervisor, District 1  
Jerry Mitchell, Director – Director, SPMUD Board of Directors  
Pauline Rocucci, Director – Roseville City Council Member

No exceptions were noted as a result of the procedures.

5. Determine that the Board of Directors holds meetings in accordance with section 7 (b and c) of the JPA Agreement.

**Findings** – Authority Resolution 2014-05 established that the Authority Board shall meet semi-annually and additionally as needed. Meetings held are open to the public and held at 2005 Hilltop Circle, Roseville, which is within the jurisdiction of the Authority.

Minutes to all meetings are available on the Authority’s website.

All board members timely filed a conflict of interest form to disclose their income, assets and gifts.

No exceptions were noted as a result of the procedures.

**EXHIBIT A**

**SOUTH PLACER WASTEWATER AUTHORITY  
AGREED UPON PROCEDURES  
FOR THE YEAR ENDED JUNE 30, 2015**

6. Determine that the Authority handles the following fiscal matters, as listed below, in accordance with section 7 (d) of the JPA Agreement:

- A. (1) Treasurer and Auditor
- B. (2) Custodian of Property
- C. (3) Accounts and Reports
- D. (4) Budgets
- E. (5) Contributions

**Findings** – The Authority has designated the CFO/Treasurer of the City of Roseville as the Treasurer and Accounting Manager of the City of Roseville as the Auditor of the Authority. The City of Roseville acts as the custodian of Authority property and tracks the records of the Authority within its general ledger in a separate fund.

The Board adopted the budget for fiscal year 2015 through resolution 2014-07 on June 26, 2014.

No exceptions were noted as a result of the procedures.

7. Recalculate the monthly summary reports of Regional Connection Fees transmitted by the participants for the year ended June 30, 2015.

**Findings** – We obtained the four monthly summary reports selected in procedure 1 for each Regional Partner and compared them to the underlying records for each Regional Partner. We recalculated the monthly summary reports.

No exceptions were noted as a result of the procedures.

8. Calculate and report the connection fees and EDUs for the County, District, and City as of and for the year ended June 30, 2015.

**Findings** – We calculated each Regional Partner’s connection fees and EDUs for the year ended June 30, 2015 as follows:

<u>July 1, 2014 to June 30, 2015</u>	<u>City</u>	<u>District</u>	<u>County</u>
Gross Regional Connection Fees	\$ 6,989,651	\$ 3,054,338	\$ 769,831
EDUs for Gross Regional Connection Fees	998	431	110

No exceptions were noted as a result of the procedures performed.

## AUTHORITY COMMUNICATION

**TO:** South Placer Wastewater Authority  
Board of Directors

**DATE:** May 26, 2016

**FROM:** Sandra Ikeda, Accounting Manager

**AUTHORITY COMMUNICATION NO.:** 16-15

**SUBJECT:** Rate Stabilization Fund Balances of April 30, 2016

*For SPWA Board Meeting 6/30/16*

### ACTION REQUESTED

This communication is informational only. No action is required of the board.

### BACKGROUND

With the formation of the JPA and subsequent bond issue, a rate stabilization fund (RSF) was established to collect the participants' connection fees and pay debt service, capital costs, bond redemptions, and administrative costs. Each participant has a sub-account established within the RSF that accounts for its connection fee deposits less proportionate cost shares. The available resources of the RSF are: \$105,807,235 as of June 30, 2015 and \$107,402,769 as of April 30, 2016. (Available resources include receivables and liabilities that are recognized as funds available for use. This results in a slightly larger balance than appears in the SPWA investment total.)

The individual accounts of the participants are as follows:

<u>7/01/14 – 6/30/15</u>	<u>Beginning Balance</u>	<u>RSF Deposits</u>	<u>Cost Shares</u>	<u>Ending Balance</u>
City of Roseville	\$64,793,688	\$7,573,656	\$(6,066,494)	\$66,300,850
SPMUD	40,350,405	3,397,490	(2,206,804)	41,541,091
Placer County	<u>(6,090,213)</u>	<u>5,620,832</u>	<u>(1,565,325)</u>	<u>(2,034,706)</u>
<b>Total as of 6/30/15</b>	<b>\$99,053,880</b>	<b>\$16,591,978</b>	<b>\$(9,838,623)</b>	<b>\$105,807,235</b>

<u>7/01/15 – 04/30/16</u>	<u>Beginning Balance</u>	<u>RSF Deposits</u>	<u>Cost Shares</u>	<u>Ending Balance</u>
City of Roseville	\$66,300,850	\$4,842,780	\$(5,552,366)	\$65,591,264
SPMUD	41,541,091	4,209,615	(2,019,779)	43,730,927
Placer County	<u>(2,034,706)</u>	<u>1,547,951</u>	<u>(1,432,667)</u>	<u>(1,919,422)</u>
<b>Total as of 04/30/16</b>	<b>\$105,807,235</b>	<b>\$10,600,346</b>	<b>\$(9,004,812)</b>	<b>\$107,402,769</b>

\* RSF Deposits include connection fees, reimbursements, and interest revenue.

\*\* Includes County repayment of \$500,000: 4 quarterly payments totaling of \$125,000 each.

\*\*\* Includes County 3 quarterly repayments totaling \$375,000 and an additional payment for \$448,450 from metering reimbursements.

Capital costs are allocated based on the participants' respective reallocated Proportionate Shares, defined in the revised Funding Agreement as follows: Roseville—61.66%, South Placer Municipal Utility District—22.43% and Placer County—15.91%.

A detailed breakdown will be provided to the participants for their review.

In addition, the table below breaks down the connection fees received by participant:

<b>Participant</b>	<b><u>7/14-6/15</u></b>	<b><u>7/15-4/16</u></b>	
City of Roseville	\$6,979,521	\$4,337,723	****
SPMUD	3,047,933	3,883,674	****
Placer County	<u>5,129,067</u>	<u>739,083</u>	****
<b>TOTAL</b>	<b>\$15,156,521</b>	<b>\$8,960,480</b>	

\*\*\*\*Connection fees received through March 2016.

Submitted by:

  
 Sandra Ikeda  
 Accounting Manager

  
 Jay Panzica  
 Treasurer

  
 Kenneth J. Glotzbach  
 Executive Director

## AUTHORITY COMMUNICATION

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**TO:** South Placer Wastewater Authority  
Board of Directors

**DATE:** June 8, 2016

**FROM:** Executive Director's office

**AUTHORITY COMMUNICATION NO.:** 16-16

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**SUBJECT: Capital Project Overview**

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*For SPWA Board Meeting of June 30, 2016*

### **ACTION REQUESTED**

None. Item is for information only to provide an update for ongoing projects.

### **BACKGROUND**

A list of all projects funded by the Authority to date is included on Attachment A.

#### Closed Projects

At this time, two of the five active projects have been completed and will be closed to further spending. These projects are:

- Project 8, Emergency Storage Pond Flood Control; and
- Project 51, Grease Receiving Station.

Project 8 is one of the oldest of the SPWA projects and was very complex with a variety of engineering and environmental challenges. Actual construction work was completed several years ago. Since then, active work was limited to establishing and monitoring habitat restoration along Dry Creek as required by environmental permits. This work has been completed and the project is now closed.

Project 51 was recently completed after adding a study on the technical feasibility of processing food waste material in the Pleasant Grove Wastewater Treatment Plant digesters. The study provided significant information related to the capacity of the planned digesters to receive food waste in addition to the waste sludge and grease that is currently being considered in the design of the plant's new facilities. The study indicates that food waste processing would be a beneficial addition to the digestion process by increasing digester gas production and this information is being used as part of the Pleasant Grove WWTP Expansion design work.

#### Ongoing Projects

The following projects are ongoing:

- Project 49, Radio Telemetry;
- Project 50, Process Control Standards;
- Project 53, Dry Creek Bank Stabilization; and
- Project 55, Pleasant Grove WWTP Expansion.

Project 49 has completed an update to the Radio Telemetry Master Plan that was required due to a neighboring agency acquiring the primary radio frequencies being

utilized to monitor and control remote wastewater sites. Re-configuration and alignment of radios to new frequencies is in progress and expected to be completed in late summer of 2016.

Project 50 is presently updating process control standards which are provided to consultants and contractors and define City guidelines for construction of process automation and electrical systems. Key sections of this document are being revised to reflect the latest equipment and software being utilized in the wastewater system's control and automation systems. These updates are expected to be complete in the fall of 2016.

Project 53 construction work was completed in the summer of 2015. Ongoing work is limited to activities necessary for environmental permit compliance and will be ongoing for three to four more years.

Project 55 is the largest of the current active projects. An update for this project is provided in a separate Authority Communication.

Submitted by:



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Kenneth J. Glotzbach  
Executive Director

**SPWA WASTEWATER PROJECTS**

Attachment A

PROJECT TITLE	ACCOUNT NUMBER	Total Approved		Estimated		FY 16-17		Anticipated Spending in FY17 (commentary)
		Project Budget	PTD Expenditures Through FY 15-16	CIP Budget (new \$ ONLY)	Spending in FY17 (commentary)			
1 WWTP LANDSCAPE PROJECT	30950 / 943507	\$ 1,219,812	\$ 1,219,812	\$ -	\$ -	\$ -	\$ -	
2 POTABLE WATER LINE TO THE DCWWTP	30950 / 963502	\$ 183,838	\$ 183,838	\$ -	\$ -	\$ -	\$ -	
3 KASEBERG NORTHTREACH TRUNK SEWER LINE	30950 / 983501	\$ 1,570,936	\$ 1,570,936	\$ -	\$ -	\$ -	\$ -	
4 PLEASANT GROVE WASTEWATER TREATMENT PLANT	30950 / 983503	\$ 123,998,751	\$ 123,998,751	\$ -	\$ -	\$ -	\$ -	
5 TRANSMISSION MAIN	30950 / 983504	\$ 3,525,013	\$ 3,525,013	\$ -	\$ -	\$ -	\$ -	
6 PLEASANT GROVE TRUNK SEWER	30950 / 983505	\$ 11,573,550	\$ 11,573,550	\$ -	\$ -	\$ -	\$ -	
7 LIME FEED SYSTEM FOR RECYCLED WATER DIST	30950 / 983506	\$ 75,594	\$ 75,594	\$ -	\$ -	\$ -	\$ -	
8 EMERGENCY STORAGE POND FLOOD CONTROL (1)	30950 / 983507	\$ 9,195,151	\$ 8,996,779	\$ (198,372)	\$ -	\$ -	\$ -	
9 BOIFILTER ODOR CONTROL SCRUBBING UNIT	30950 / 983508	\$ 623,340	\$ 623,340	\$ -	\$ -	\$ -	\$ -	
10 NRSP 30" RECYCLE LINE	30950 / 983510	\$ 1,898,988	\$ 1,898,988	\$ -	\$ -	\$ -	\$ -	
11 VIBRATION MONITORING AT WWTP	30950 / 993502	\$ 5,371	\$ 5,371	\$ -	\$ -	\$ -	\$ -	
12 RECYCLED WATER PUMPS UPGRADE	30950 / 993503	\$ 33,312	\$ 33,312	\$ -	\$ -	\$ -	\$ -	
13 MODIFY BACKWASH PUMP STATION	30950 / 993504	\$ 2,703	\$ 2,703	\$ -	\$ -	\$ -	\$ -	
14 KASEBERG SOUTHTREACH TRUNK SEWER	30950 / 993505	\$ 613,601	\$ 613,601	\$ -	\$ -	\$ -	\$ -	
15 DIAMOND OAKS RECYCLE LINE	30950 / 993506	\$ 7,106,661	\$ 7,106,661	\$ -	\$ -	\$ -	\$ -	
16 WOODCREEK OAKS PRESSURE VALVE	30950 / 003502	\$ 5,745	\$ 5,745	\$ -	\$ -	\$ -	\$ -	
17 UPGRADE AERATION CONTROLS	30950 / 003506	\$ 124,048	\$ 124,048	\$ -	\$ -	\$ -	\$ -	
18 MECHANICAL MAINTENANCE BUILDING UPGRADE	30950 / 013501	\$ 161,886	\$ 161,886	\$ -	\$ -	\$ -	\$ -	
19 UPGRADE RECYCLED WATER SYSTEM	30950 / 013502	\$ 1,850,037	\$ 1,850,037	\$ -	\$ -	\$ -	\$ -	
20 DIAMOND CREEK GASCADE/OUTFALL	30950 / 013503	\$ 210,531	\$ 210,531	\$ -	\$ -	\$ -	\$ -	
21 DCWWTP WEST DRY CREEK OUTFALL	30950 / 013504	\$ 153,370	\$ 153,370	\$ -	\$ -	\$ -	\$ -	
22 RWQCB BASIN PLAN AMENDMENT	30950 / 013505	\$ 658,856	\$ 658,856	\$ -	\$ -	\$ -	\$ -	
23 DCWWTP COOLING UNITS	30950 / 023501	\$ 3,139,986	\$ 3,139,986	\$ -	\$ -	\$ -	\$ -	
24 DCWWTP CONVERSION TO UV	30950 / 023503	\$ 37,399,962	\$ 37,399,962	\$ -	\$ -	\$ -	\$ -	
25 WEST DRY CREEK CFD RW CONNECTION	30950 / 023504	\$ 171,258	\$ 171,258	\$ -	\$ -	\$ -	\$ -	
26 DCWWTP DIGESTER HANDRAIL	30950 / 033502	\$ 5,760	\$ 5,760	\$ -	\$ -	\$ -	\$ -	
27 DCWWTP GATE SECURITY	30950 / 033503	\$ 47,530	\$ 47,530	\$ -	\$ -	\$ -	\$ -	
28 DCWWTP FILTER PLC UPGRADE	30950 / 033504	\$ 169,217	\$ 169,217	\$ -	\$ -	\$ -	\$ -	
29 REGIONAL PARTNER TELEMETRY	30950 / 033505	\$ 6,909	\$ 6,909	\$ -	\$ -	\$ -	\$ -	
30 CIP RESERVE	30950 / 033506	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
31 DCWWTP FLOW METERS	30950 / 043501	\$ 522,629	\$ 522,629	\$ -	\$ -	\$ -	\$ -	
32 PGWWTP RECYCLED WATER SYSTEM	30950 / 043502	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
33 PS DECOMMISSIONING	30950 / 043503	\$ 132,750	\$ 132,750	\$ -	\$ -	\$ -	\$ -	
34 WW/RW SYSTEMS EVALUATION	30950 / 043504	\$ 1,095,577	\$ 1,095,577	\$ -	\$ -	\$ -	\$ -	
35 DCWWTP AERATION PLC UPGRADE	30950 / 053501	\$ 13,059	\$ 13,059	\$ -	\$ -	\$ -	\$ -	
36 DCWWTP FILTER BACKWASH RETURN PIPELINE UPGRADE	30950 / 053502	\$ 1	\$ 1	\$ -	\$ -	\$ -	\$ -	
37 DCWWTP OPERATIONS ADMIN BUILDING	30950 / 053503	\$ 564,636	\$ 564,636	\$ -	\$ -	\$ -	\$ -	
38 WATER PURIFICATION PILOT PROJECT	30950 / 053504	\$ 420,567	\$ 420,567	\$ -	\$ -	\$ -	\$ -	
39 RW MODEL DEVELOPMENT	30950 / 053505	\$ 187,498	\$ 187,498	\$ -	\$ -	\$ -	\$ -	
40 NPDES PERMIT RENEWAL	30950 / 053506	\$ 585,654	\$ 585,654	\$ -	\$ -	\$ -	\$ -	
41 PGWWTP CONVERSION TO UV	30950 / 063502	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
42 DCWWTP MAINTENANCE SHOP	30950 / 063503	\$ 4,220,075	\$ 4,220,075	\$ -	\$ -	\$ -	\$ -	
43 PGWWTP PROCESS IMPROVEMENTS	30950 / 063504	\$ 3,630,770	\$ 3,630,770	\$ -	\$ -	\$ -	\$ -	
44 SIA RW PIPELINE	30950 / 063505	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
45 WW FORCE MAIN CONVERSION TO RW	30950 / 063506	\$ 953,005	\$ 953,005	\$ -	\$ -	\$ -	\$ -	
46 RELIABILITY CENTERED MAINTENANCE	30950 / 063507	\$ 453,548	\$ 453,548	\$ -	\$ -	\$ -	\$ -	
47 EXPANSION OF PGWWTP (2007)	30950 / 073505	\$ 41,049,474	\$ 41,049,474	\$ -	\$ -	\$ -	\$ -	
48 EXPANSION OF DCWWTP	30950 / 073506	\$ 874,326	\$ 874,326	\$ -	\$ -	\$ -	\$ -	
49 RADIO TELEMETRY	30950 / 073507	\$ 150,000	\$ 150,000	\$ -	\$ -	\$ -	\$ -	
50 PROCESS CONTROL STANDARDS	30950 / 073508	\$ 160,000	\$ 160,000	\$ -	\$ -	\$ -	\$ -	
51 GREASE RECEIVING STATION	30950 / 073509	\$ 339,002	\$ 227,047	\$ (111,955)	\$ -	\$ -	\$ -	
52 SERVICE AREA GEOA ANALYSIS	30950 / 123507	\$ 2,468	\$ 2,468	\$ -	\$ -	\$ -	\$ -	
53 DRY CREEK BANK STABILIZATION	30950 / 133504	\$ 609,000	\$ 505,256	\$ -	\$ -	\$ -	\$ -	
54 DRY CREEK WWTP NITRATE PROCESS IMPROVEMENTS	30950 / 143505	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
55 PGWWTP EXPANSION	30950 / 153507	\$ 5,590,975	\$ 794,367	\$ 310,327	\$ 4,000,000	\$ -	\$ -	
<b>TOTAL (includes completed projects)</b>		<b>\$ 267,286,730</b>	<b>\$ 261,985,313</b>	<b>\$ -</b>	<b>\$ 4,044,999</b>	<b>\$ -</b>	<b>\$ -</b>	

1) Includes \$3 million budget increase to be billed and paid from operations/rehab Completed Projects: closed to further spending

## AUTHORITY COMMUNICATION

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**TO:** South Placer Wastewater Authority  
Board of Directors

**DATE:** June 8, 2016

**FROM:** Executive Director's office

**AUTHORITY COMMUNICATION NO.:** 16-17

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**SUBJECT: Pleasant Grove Capacity Expansion**

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*For SPWA Board Meeting June 30, 2016*

### **ACTION REQUESTED**

None. This item is for information only to provide an update on the Pleasant Grove Wastewater Treatment Plant (PGWWTP) Expansion Project.

### **BACKGROUND**

Plans to expand the PGWWTP in response to growth throughout the region are being developed. The budget to begin initial work on this project was approved by the SPWA Board at the January 2015 meeting. Kennedy / Jenks Engineers was selected as the design engineer and began design in the last half of 2015. At this time, preliminary design work has been completed, detail design and environmental tasks are underway.

Design work is expected to be completed and ready to advertise for construction proposals in 2017 and staff intends to present the final project and cost estimate information to the SPWA Board at the June 2017 meeting. Current estimates indicate construction cost should be less than \$65 million.

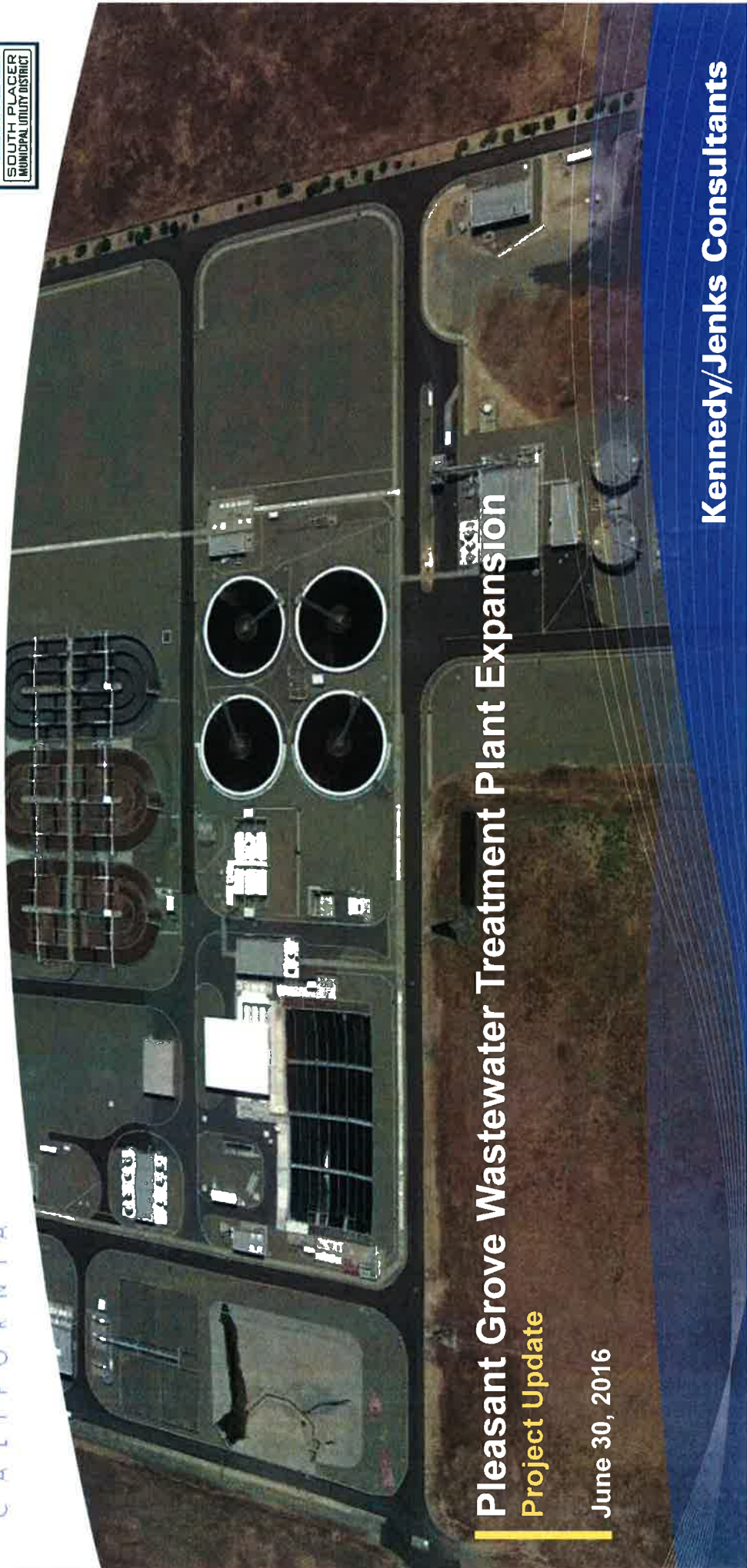
Staff have also been exploring options to finance the project. Given the SPWA's current financial position, a significant portion of the project cost can be paid in cash while still honoring existing debt restrictions on cash reserves. However, additional financing will be necessary. Two primary options are being explored at this time and include new bond issues like those SPWA has already issued and/or California State Revolving Fund financing which is basically a long-term, fixed interest loan. Final recommendations for financing the work are expected to be ready for the January 2017 meeting.

Submitted by:



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Kenneth J. Glotzbach  
Executive Director



**Pleasant Grove Wastewater Treatment Plant Expansion  
Project Update**

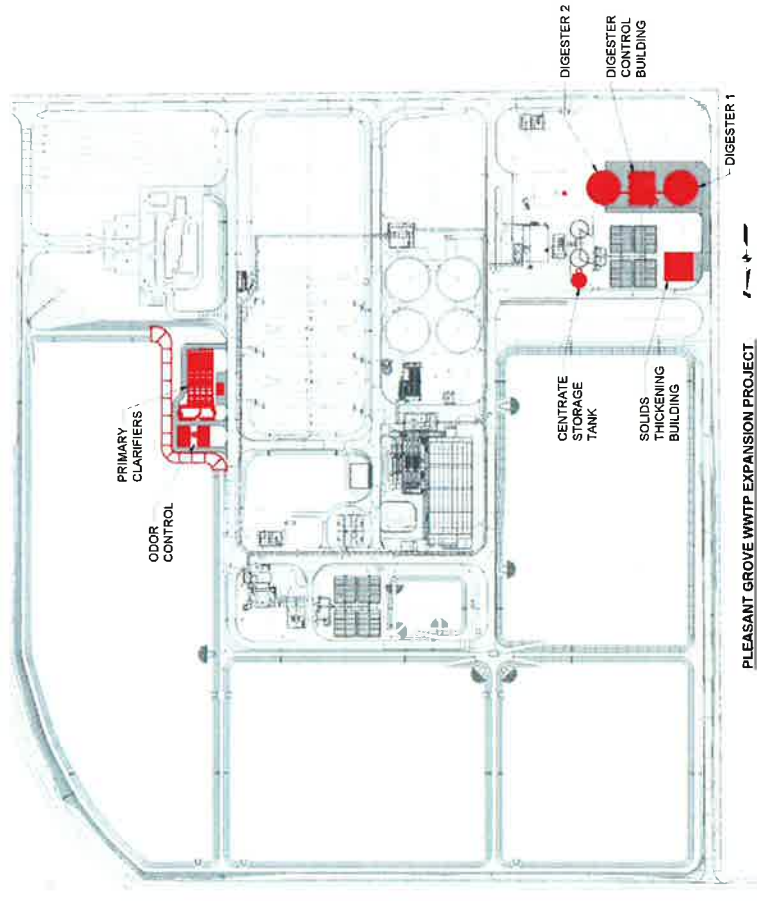
June 30, 2016

**Kennedy/Jenks Consultants**

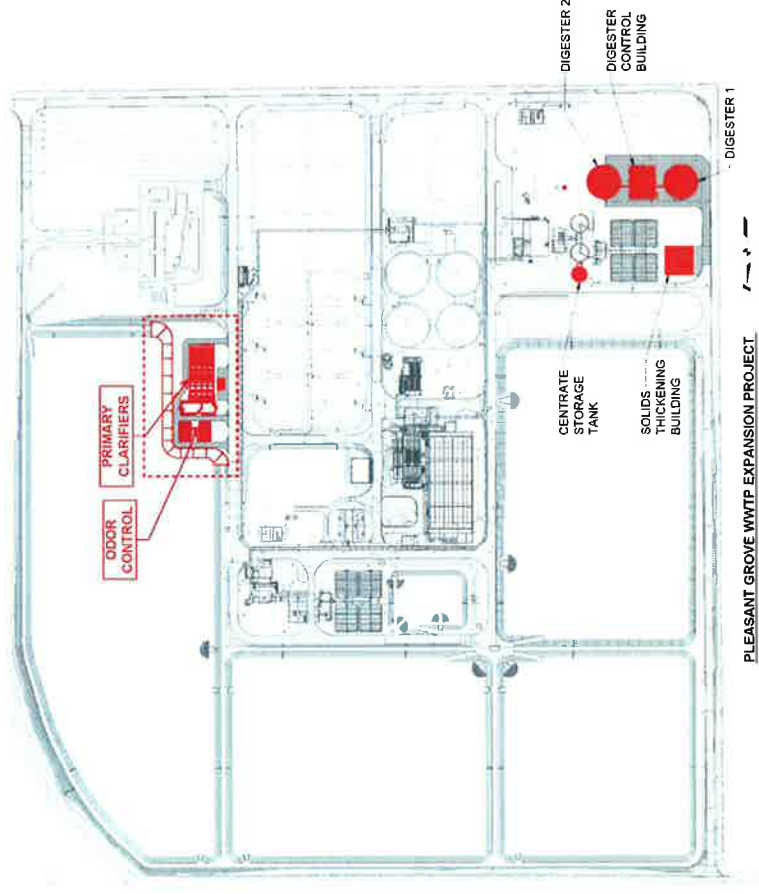
## Pleasant Grove Wastewater Treatment Plant Expansion

# Overview

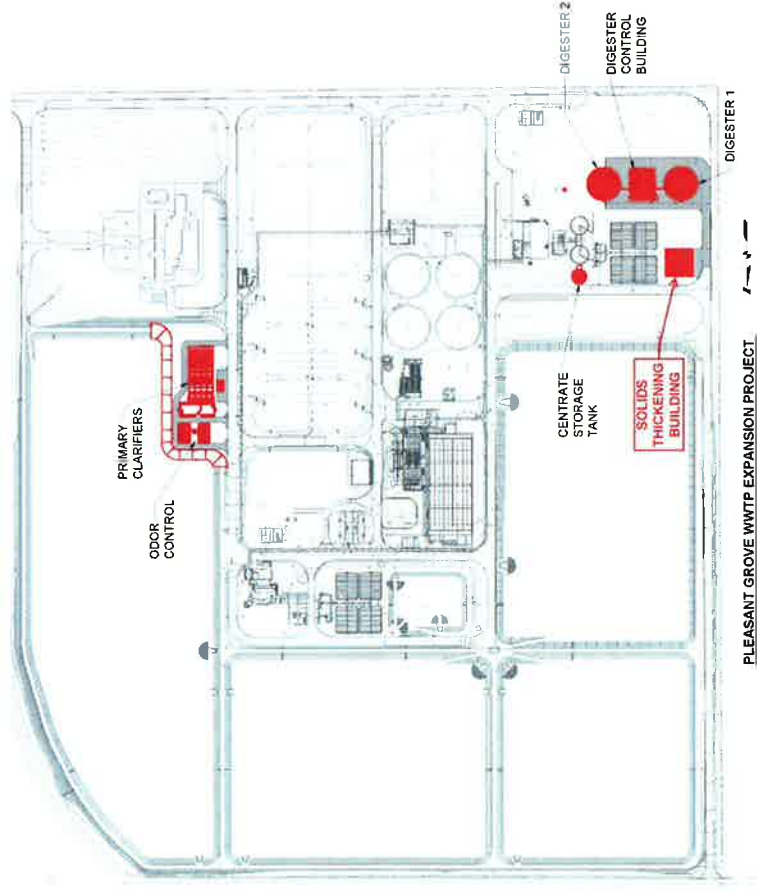
- **Prepare for regional growth**
  - PGWWTP current treatment capacity of 9.5 MGD projected to be exceeded in 2023
- **Reduce Energy Costs**
  - Reduce energy required for treatment
  - Recover energy and stabilize biosolids
- **Maximize Solids Digestion Value**
  - Reduce quantity of solids and odors
  - Reduce dewatering costs and tipping fees
  - Provide opportunities to explore disposal options
    - Soil augmentation (DCWWTP)
    - Others
- **Simplify Operations**
  - Similar facilities as DCWWTP



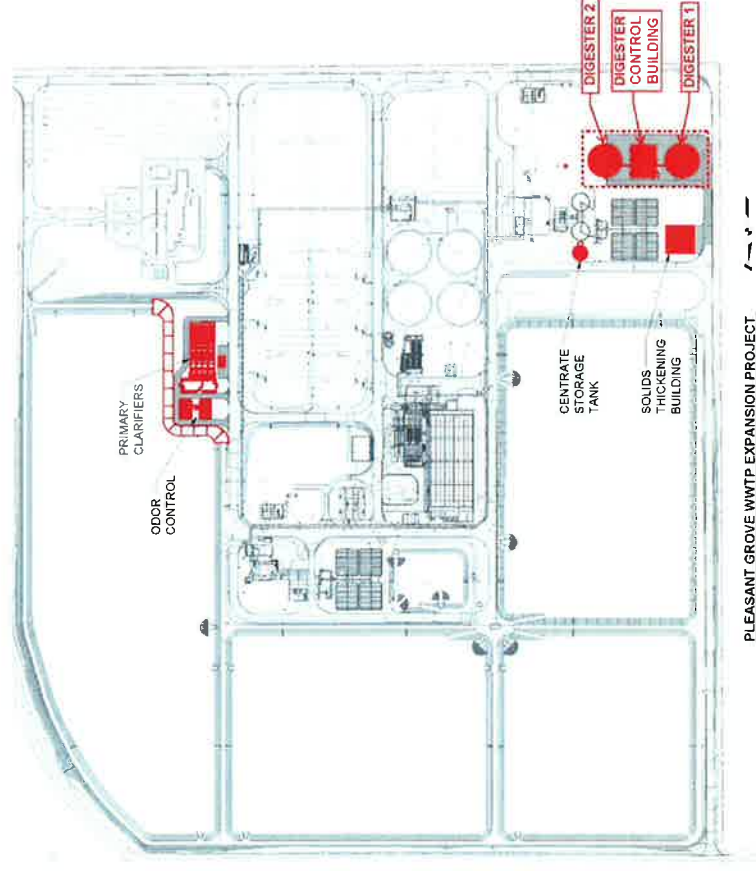
- Four rectangular basins equipped with odor control
  - Remove 60% of the influent solids using gravity
  - Similar to DCWWTP with improvements to aid operations
- Primary solids are easily digested to produce methane (energy)



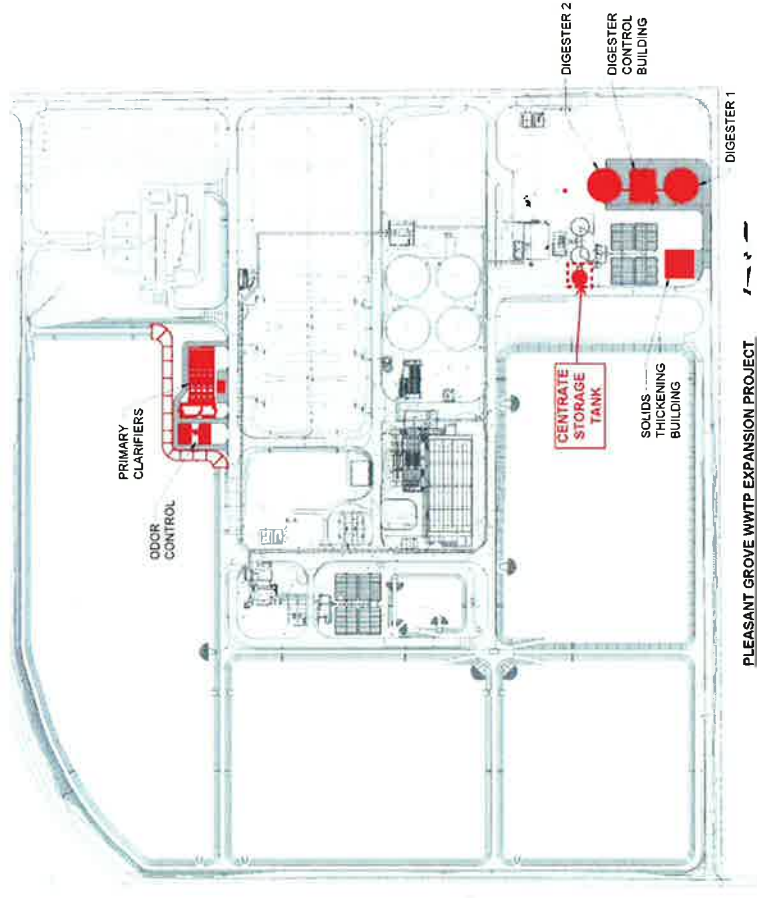
- Reduce water content prior to anaerobic digestion
  - Saves digester construction, heating, mixing, etc. costs
- Rotary Drum Thickeners (PGWWTP)
  - Low power consumption
  - Low space requirement
  - Minimal maintenance



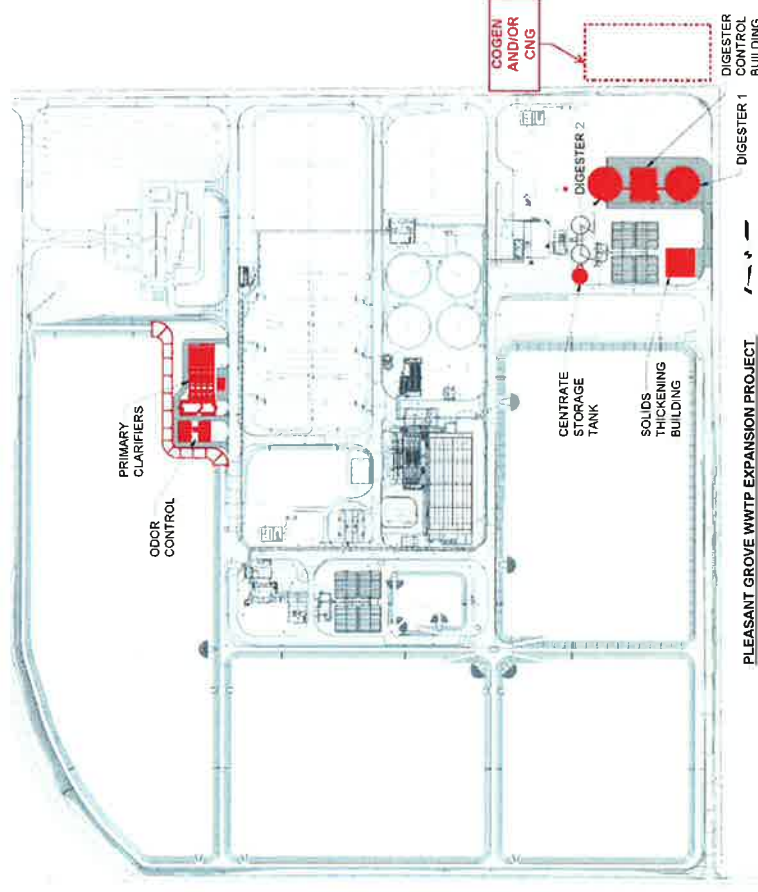
- Stabilizes solids and produces methane gas
  - Gas recovered as a fuel
  - Reduces biosolids odors
- Designed to handle “high strength waste” (FOG/food waste)
  - Maximize energy production from capital investment



- Centrate is liquid “squeezed” out of solids during dewatering
  - Contains relative high nitrogen (ammonia) concentrations
  - Storage allows managed return back to treatment process to avoid overloading or upsetting biological treatment process



- Methane gas production provides opportunity for energy recovery:
  - Cogeneration and Compressed Natural Gas (CNG)
- Separate design effort, not required for capacity expansion
  - To be covered by same environmental document



## Estimated Costs

- Construction Cost: \$44.8 M to \$63.3 M
  - Estimated cost to construct the new facilities
- Total Project Cost: \$61 M to \$86 M
  - Construction costs plus engineering, construction management, legal, administration, and contingencies
- Costs will continue to be refined as design progresses

Different Options Being Explored:

- Cash & Bonds
- Cash & Clean Water State Revolving Fund (CWSRF) Fund
  - Long-term, fixed interest loan
- Back in January to present options for direction

## Schedule

- 30 percent design submittal, mid-June 2016
- 60 percent design submittal, December 2016
- Final financing option approval, January 2017
- Secure financing and begin construction, June – October 2017

Pleasant Grove Wastewater Treatment Plant Expansion

# Questions & Answers

## **AUTHORITY COMMUNICATION**

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**TO:** South Placer Wastewater Authority  
Board of Directors

**DATE:** June 10, 2016

**FROM:** Executive Director's office

**AUTHORITY COMMUNICATION NO.:** 16-18

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**SUBJECT: Pleasant Grove WWTP Energy Improvements**

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*For SPWA Board Meeting of June 30, 2016*

### **ACTION REQUESTED**

Direction to proceed with detail design work for the Pleasant Grove Wastewater Treatment Plant (PGWWTP) energy, FOG and food waste related improvements.

### **BACKGROUND**

As discussed previously, staff are planning capacity expansion improvements at the PGWWTP which will add primary clarification and anaerobic digestion to the plant's process capability. With digestion capability, the plant can also receive fat, oil and grease (FOG) waste as well as food waste to be digested along with sludge that is produced during the normal wastewater treatment process.

In addition to being an essential component to increasing the overall treatment capacity, digestion serves several beneficial purposes that include:

- Stabilizing sludge to effectively eliminate odor generation;
- Reducing sludge volume to minimize total waste disposal;
- Improving sludge dewatering to minimize the weight of waste disposed;
- Producing digester gas which can be used to generate various forms of energy;
- Providing the capability to process FOG and Food waste with waste sludge which increases digester gas production and has been shown to further increase volatile solids reduction; and
- Providing a disposal option for FOG and Food waste that is currently absent in the SPWA service area and that appears to be attractive to the area solid waste services within the next year as they comply with new organics disposal requirements.

In order to realize these benefits, several improvements would be necessary and are often part of a typical WWTP. The necessary improvements include:

- A FOG receiving area that would allow haulers to unload trucks at the PGWWTP and provide storage for the waste prior to blending it into digesters;
- Process connection and reserved area for food waste receiving. This area and the configuration will need to be developed as the details related to food waste receiving are coordinated with the solid waste authority staff;
- Mixing, blending, and pumping equipment for the digester feed stock from these receiving areas;
- Digester gas scrubbing equipment to create digester gas quality compatible with energy conversion equipment; and

- Energy conversion equipment to utilize digester gas.

Several options for energy conversion equipment have been evaluated and three alternatives appear to be viable and provide a reasonable economic benefit for the capital investment. These options are:

- Compressed natural gas (CNG) production to create vehicle fuel;
- Electricity generation using microturbines; and
- Hybrid CNG and microturbines for digester heating.

The microturbine electricity conversion option would provide power directly to the PGWWTP treatment processes and would offset the need to purchase power from the electric utility grid. The CNG option as evaluated for this project would create fuel to feed CNG powered automobiles and trucks. Roseville is converting its fleet of trucks from Diesel to CNG powered trucks and would purchase 100% of the CNG produced at the PGWWTP for that fleet. This provides at least one guaranteed year-round customer which is key to making the CNG option feasible.

At present, the recommended option for energy conversion is the hybrid CNG with a microturbine installation to fully utilize digester gas and support digester heating. As mentioned above, the digester gas is conditioned to meet quality requirements dictated by the energy conversion process used. Some gas is lost during this conditioning process in a waste gas stream but can be recovered by burning this waste stream in a microturbine that is also supporting digester heating.

The preliminary construction cost estimate for this option is approximately \$12,000,000.

Submitted by:



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Kenneth J. Glotzbach  
Executive Director



City of Roseville

# PGWWTP Cogeneration and FOG Receiving Project SPWA Board Meeting

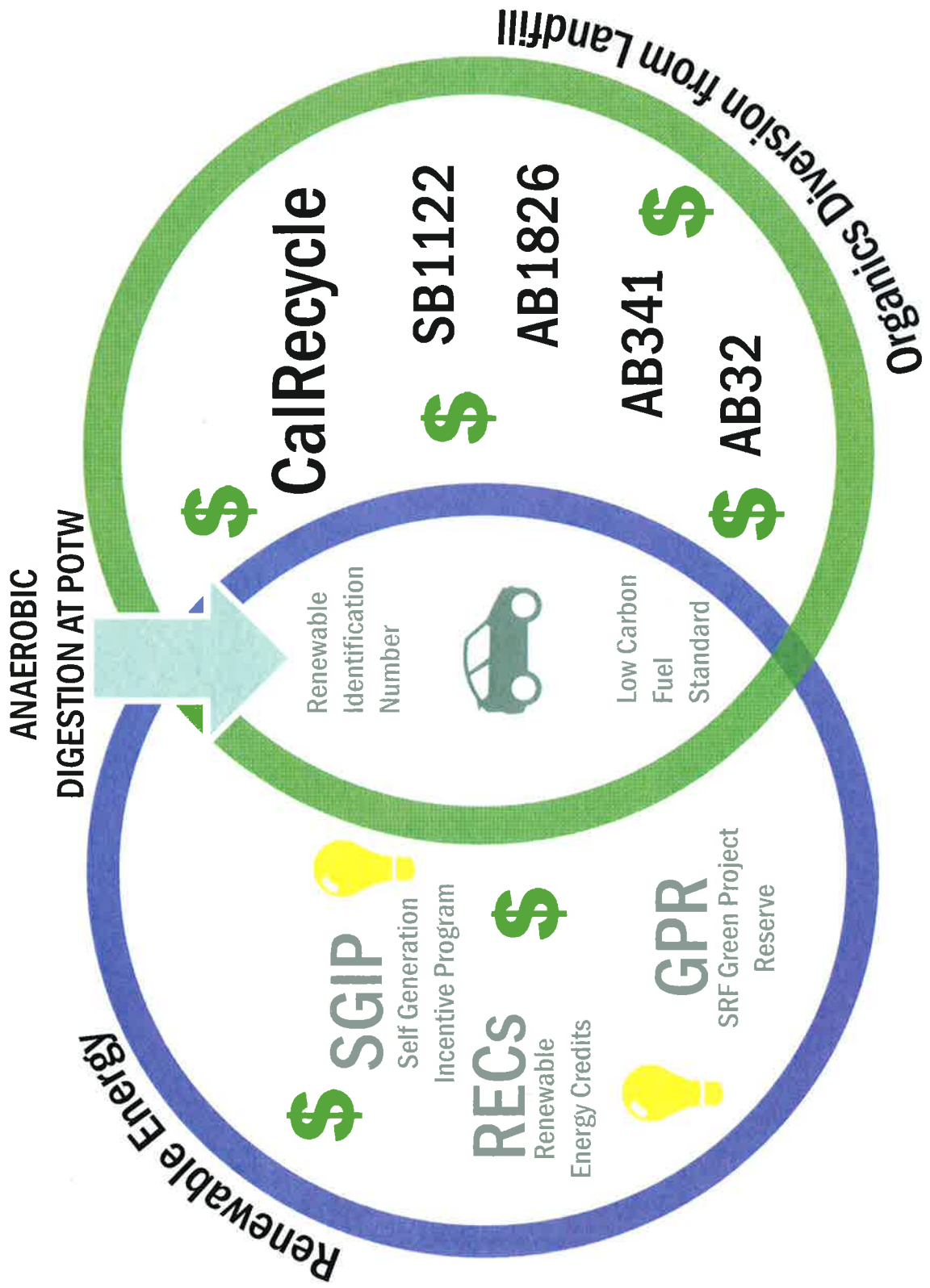
June 30, 2016



# Basis for Project

- New digesters at Pleasant Grove will generate digester gas
- New digesters at PG (constructed for growth, peak month flows) have capacity for accepting trucked organic waste for co-digestion with municipal solids
  - Fats, oil and grease (FOG)
  - Food waste
  - Other liquid, high strength, organic waste (HSW)
- Digester gas utilization and high strength waste digestion are not required, but may be beneficial – economically and environmentally
  - Discretionary project
  - Must be economically viable
- Project Goals:
  - Make the best use of the digester gas
  - Maximize the output of the installed digester gas utilization equipment by increasing gas production via co-digestion
  - Minimize odor and noise impact to neighbors

**Digestion is at the nexus of two State initiatives, creating a groundswell of support and dynamic funding environment**



# Alternatives Analysis

- Various options evaluated:
  - Internal Combustion Engines
  - Microturbines
  - Renewable compressed natural gas for use as vehicle fuel (rCNG)
  - Direct sale to Roseville Energy Park
  - “Hybrids” of the options above
- Each option evaluated with varying levels of co-digestion and resulting digester gas flows

# Analysis Results and Recommendations

- High strength waste co-digestion improves project economics, regardless of technology
- A moderate amount of co-digestion is required to make any alternative economically viable
- A HSW/FOG receiving facility is recommended
  - SPWA should target FOG within its service area
  - SPWA should continue discussions with local solid waste haulers (Roseville) and landfill (WPWMA) to develop a pre-processing and food waste digestion solution

## **Analysis Results and Recommendations**

- Microturbines, vehicle fuel, and a “hybrid” alternative of Vehicle Fuel + Microturbine all appear to be economically viable projects
- The vehicle fuel option would produce 1,000+ gallons of gas equivalent per day
  - Vehicle fuel project success hinges on having a “guaranteed” buyer for a large amount of rCNG
  - Roseville’s Solid Waste Collections fleet could utilize 100% of the available rCNG
- The economic viability of the alternatives is highly dependent on grants and incentives

# **Our approach to grants and incentives is to assume the worst, but align the project with the best opportunities for funding**

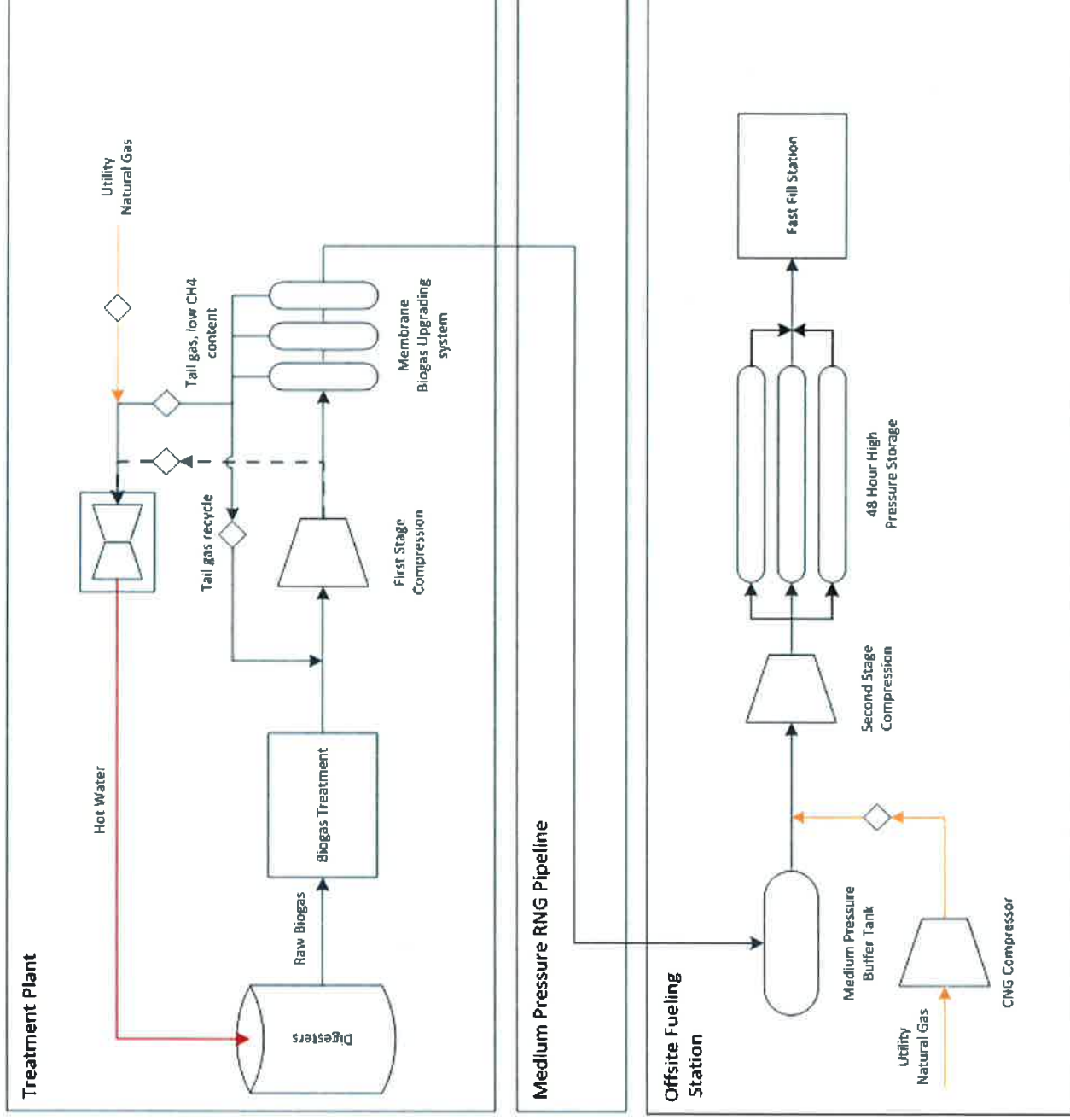
- Microturbines
- Green Project Reserve – up to \$4M in SRF loan forgiveness for cogeneration alternatives
- Self-Generation Incentive Program – up to \$1M for digester gas-fueled cogeneration alternatives
- Vehicle Fuel
  - Renewable Fuel Standard (Federal) – up to \$1.80 per “diesel gallon equivalent” (DGE) rebate
  - California Low Carbon Fuel Standard – up to \$1.30 / DGE
- Food Waste Receiving funding available via AB32 funds for organics diversion from landfill



# **Recommended Project – “Hybrid” Alternative: Microturbines + Vehicle Fuel**

- HSW receiving facility
- Feedstocks: Service area FOG, pre-processed food waste
- Digester gas conditioning (H<sub>2</sub>S and siloxane removal)
- Compression and membrane separation of carbon dioxide
- Microturbine for digester heating (revocable item)
  - Flexible fueling of tail gas, digester gas, or natural gas
- Vehicle fueling station
  - Compression, storage, fast-fill dispensers

# Recommended Project – Flow Diagram





# Project Economics

- \$12M capital cost (conceptual estimate: -50%/+30%)
- Positive 20-year NPV
- Annual operating cost savings of \$600K or higher, depending on HSW availability, rCNG price, grants and incentives
- Annual savings exceed anticipated SRF loan payments
  - positive cash flow without capital cost



# Recommended Next Steps

- Proceed with Project Design
- Develop a memorandum of understanding with Roseville Solid Waste for rCNG price and fueling station requirements
- Continue to pursue grant opportunities
- Continue to pursue high strength waste feedstocks

## AUTHORITY COMMUNICATION

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**TO:** South Placer Wastewater Authority  
Board of Directors

**DATE:** June 10, 2016

**FROM:** Executive Director's office

**AUTHORITY COMMUNICATION NO.:** 16-19

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**SUBJECT: Approval of Capital Improvement Projects Budget**

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*For SPWA Board Meeting of June 30, 2016*

### **ACTION REQUESTED**

Request approval of the recommended budget changes shown on Attachment A.

### **BACKGROUND**

As shown on Attachment A, two projects (#8, Emergency Storage Pond Flood Control and #51, Grease Receiving Station) have been completed and are closed to further spending. Staff recommends transferring the unspent budgeted funds from these projects to the Pleasant Grove Expansion Project (#55). This increases this project's budget by \$310,327.00 from \$5,590,975.00 to a total of \$5,901,302.00. This change does not increase the approved total capital program budget of \$267,286,730.00.

Submitted by:



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Kenneth J. Glotzbach  
Executive Director

**SPWA WASTEWATER PROJECTS**

Attachment A

PROJECT TITLE	ACCOUNT NUMBER	Total Approved		Estimated		FY 16-17	
		Project Budget	PTD Expenditures Through FY 15-16	CIP Budget (new \$ ONLY)	Spending in FY17 (commentary)		
1 WWTP LANDSCAPE PROJECT	30950 / 943507	\$ 1,219,812	\$ 1,219,812	\$ -	\$ -		
2 POTABLE WATER LINE TO THE DCWWTP	30950 / 963502	\$ 183,838	\$ 183,838	\$ -	\$ -		
3 KASEBERG NORTHEACH TRUNK SEWER LINE	30950 / 983501	\$ 1,570,936	\$ 1,570,936	\$ -	\$ -		
4 PLEASANT GROVE WASTEWATER TREATMENT PLANT	30950 / 983503	\$ 123,998,751	\$ 123,998,751	\$ -	\$ -		
5 TRANSMISSION MAIN	30950 / 983504	\$ 3,525,013	\$ 3,525,013	\$ -	\$ -		
6 PLEASANT GROVE TRUNK SEWER	30950 / 983505	\$ 11,573,550	\$ 11,573,550	\$ -	\$ -		
7 LIME FEED SYSTEM FOR RECYCLED WATER DIST	30950 / 983506	\$ 75,594	\$ 75,594	\$ -	\$ -		
8 EMERGENCY STORAGE POND FLOOD CONTROL(1)	30950 / 983507	\$ 9,195,151	\$ 8,996,779	\$ (198,372)	\$ -		
9 BOIFILTER ODOR CONTROL SCRUBBING UNIT	30950 / 983508	\$ 623,340	\$ 623,340	\$ -	\$ -		
10 NRSP 30" RECYCLE LINE	30950 / 983510	\$ 1,898,988	\$ 1,898,988	\$ -	\$ -		
11 VIBRATION MONITORING AT WWTP	30950 / 993502	\$ 5,371	\$ 5,371	\$ -	\$ -		
12 RECYCLED WATER PUMPS UPGRADE	30950 / 993503	\$ 33,312	\$ 33,312	\$ -	\$ -		
13 MODIFY BACKWASH PUMP STATION	30950 / 993504	\$ 2,703	\$ 2,703	\$ -	\$ -		
14 KASEBERG SOUTHEACH TRUNK SEWER	30950 / 993505	\$ 613,601	\$ 613,601	\$ -	\$ -		
15 DIAMOND OAKS RECYCLE LINE	30950 / 993506	\$ 7,106,661	\$ 7,106,661	\$ -	\$ -		
16 WOODCREEK OAKS PRESSURE VALVE	30950 / 003502	\$ 5,745	\$ 5,745	\$ -	\$ -		
17 UPGRADE AERATION CONTROLS	30950 / 003506	\$ 124,048	\$ 124,048	\$ -	\$ -		
18 MECHANICAL MAINTENANCE BUILDING UPGRADE	30950 / 013501	\$ 161,886	\$ 161,886	\$ -	\$ -		
19 UPGRADE RECYCLED WATER SYSTEM	30950 / 013502	\$ 1,850,037	\$ 1,850,037	\$ -	\$ -		
20 DIAMOND CREEK CASCADE/OUTFALL	30950 / 013504	\$ 210,531	\$ 210,531	\$ -	\$ -		
21 DCWWTP/WEST DRY CREEK OUTFALL	30950 / 013504	\$ 153,370	\$ 153,370	\$ -	\$ -		
22 RWQCB BASIN PLAN AMENDMENT	30950 / 013505	\$ 658,856	\$ 658,856	\$ -	\$ -		
23 DCWWTP COOLING UNITS	30950 / 023501	\$ 3,139,986	\$ 3,139,986	\$ -	\$ -		
24 DCWWTP CONVERSION TO UV	30950 / 023503	\$ 37,399,962	\$ 37,399,962	\$ -	\$ -		
25 WEST DRY CREEK CFD RW CONNECTION	30950 / 023504	\$ 171,258	\$ 171,258	\$ -	\$ -		
26 DCWWTP DIGESTER HANDRAIL	30950 / 033502	\$ 5,760	\$ 5,760	\$ -	\$ -		
27 DCWWTP GATE SECURITY	30950 / 033503	\$ 47,530	\$ 47,530	\$ -	\$ -		
28 DCWWTP FILTER PLC UPGRADE	30950 / 033504	\$ 169,217	\$ 169,217	\$ -	\$ -		
29 REGIONAL PARTNER TELEMETRY	30950 / 033505	\$ 6,909	\$ 6,909	\$ -	\$ -		
30 CIP RESERVE	30950 / 033506	\$ -	\$ -	\$ -	\$ -		
31 DCWWTP FLOW METERS	30950 / 043501	\$ 522,629	\$ 522,629	\$ -	\$ -		
32 PGWWTP RECYCLED WATER SYSTEM	30950 / 043502	\$ -	\$ -	\$ -	\$ -		
33 PS DECOMMISSIONING	30950 / 043503	\$ 132,750	\$ 132,750	\$ -	\$ -		
34 WW/RW SYSTEMS EVALUATION	30950 / 043504	\$ 1,095,577	\$ 1,095,577	\$ -	\$ -		
35 DCWWTP AERATION PLC UPGRADE	30950 / 053501	\$ 13,059	\$ 13,059	\$ -	\$ -		
36 DCWWTP FILTER BACKWASH RETURN PIPELINE UPGRADE	30950 / 053502	\$ 1	\$ 1	\$ -	\$ -		
37 DCWWTP OPERATIONS ADMIN BUILDING	30950 / 053503	\$ 564,636	\$ 564,636	\$ -	\$ -		
38 WATER PURIFICATION PILOT PROJECT	30950 / 053504	\$ 420,567	\$ 420,567	\$ -	\$ -		
39 RW MODEL DEVELOPMENT	30950 / 053505	\$ 187,498	\$ 187,498	\$ -	\$ -		
40 NPDES PERMIT RENEWAL	30950 / 053506	\$ 585,654	\$ 585,654	\$ -	\$ -		
41 PGWWTP CONVERSION TO UV	30950 / 063502	\$ -	\$ -	\$ -	\$ -		
42 DCWWTP MAINTENANCE SHOP	30950 / 063503	\$ 4,220,075	\$ 4,220,075	\$ -	\$ -		
43 PGWWTP PROCESS IMPROVEMENTS	30950 / 063504	\$ 3,630,770	\$ 3,630,770	\$ -	\$ -		
44 SIA RW PIPELINE	30950 / 063505	\$ -	\$ -	\$ -	\$ -		
45 WW FORCE MAIN CONVERSION TO RW	30950 / 063506	\$ 953,005	\$ 953,005	\$ -	\$ -		
46 RELIABILITY CENTERED MAINTENANCE	30950 / 063507	\$ 453,548	\$ 453,548	\$ -	\$ -		
47 EXPANSION OF PGWWTP (2007)	30950 / 073505	\$ 41,049,474	\$ 41,049,474	\$ -	\$ -		
48 EXPANSION OF DCWWTP	30950 / 073506	\$ 874,326	\$ 874,326	\$ -	\$ -		
49 RADIO TELEMETRY	30950 / 073507	\$ 150,000	\$ 119,489	\$ -	\$ 5,000		
50 PROCESS STANDARDS	30950 / 073508	\$ 160,000	\$ 99,772	\$ -	\$ 15,000		
51 GREASE RECEIVING STATION	30950 / 073509	\$ 339,002	\$ 227,047	\$ (111,955)	\$ -		
52 SERVICE AREA CEQA ANALYSIS	30950 / 123507	\$ 2,468	\$ 2,468	\$ -	\$ -		
53 DRY CREEK BANK STABILIZATION	30950 / 133504	\$ 609,000	\$ 505,256	\$ -	\$ 25,000		
54 DRY CREEK WWTP NITRATE PROCESS IMPROVEMENTS	30950 / 143505	\$ -	\$ -	\$ -	\$ -		
55 PGWWTP EXPANSION	30950 / 153507	\$ 5,590,975	\$ 794,367	\$ 310,327	\$ 4,000,000		
<b>TOTAL (includes completed projects)</b>		<b>\$ 267,286,730</b>	<b>\$ 261,985,313</b>	<b>\$ -</b>	<b>\$ 4,044,999</b>		

1) Includes \$3 million budget increase to be billed and paid from operations/rehab Completed Projects: closed to further spending

**SOUTH PLACER WASTEWATER AUTHORITY**

**RESOLUTION NO. 2016-04**

**RESOLUTION OF THE BOARD OF DIRECTORS OF THE  
SOUTH PLACER WASTEWATER AUTHORITY  
APPROVING ADJUSTMENTS TO  
CAPITAL IMPROVEMENT PROJECTS AND BUDGET FOR FY 2016-2017**

BE IT RESOLVED, that the Board of Directors of the South Placer Wastewater Authority (the "Authority") does hereby approve the adjustments to the Capital Improvement Projects and CIP Budget for FY 2016-2017 presented to the Board at this meeting.

BE IT FURTHER RESOLVED, that the Executive Director is authorized to reallocate budgeted amounts among the projects shown as line-items in the FY 2016-2017 Capital Improvement Projects Budget, as he may deem necessary or desirable; provided, however, that the total amount budgeted for FY 2016-2017 shall not be increased without the Board's prior approval.

BE IT FURTHER RESOLVED, that the expenditure of funds for the construction of projects requiring further environmental review is expressly conditioned on the completion, approval, and consideration, of any necessary environmental reviews. This Resolution is not intended to, and shall not, predetermine the outcome of any such necessary environmental reviews.

PASSED AND ADOPTED this 30<sup>th</sup> day of June, 2016, by the following vote:

AYES:

NOES:

ABSENT:

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Chairperson

ATTEST:

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Secretary

## AUTHORITY COMMUNICATION

**TO:** South Placer Wastewater Authority  
Board of Directors

**DATE:** June 6, 2016

**FROM:** Executive Director's office

**AUTHORITY COMMUNICATION NO.:** 16-20

**SUBJECT:** Annual Operating Budget for Fiscal Year 2016-2017

*For SPWA Board Meeting 6/30/16*

### **ACTION REQUESTED**

Adopt the annual operating budget for fiscal year 2016-2017.

### **BACKGROUND**

Subsection d. (4) of Section 7 of the Joint Exercise of Powers Agreement provides that the Board shall adopt a budget for the following fiscal year no later than June 30<sup>th</sup> of each year.

The attached budget for the Authority represents the estimates of revenues and expenditures for the Authority for the fiscal year 2016-2017 (FY17). The Board will have an opportunity to review, and adjust as necessary, the annual budget at mid-year.

#### 2015-2016 (FY16) Estimated Revenues and Operating Expenditures (Current Year)

Included in the budget is an estimate of revenues and operating expenditures for the current fiscal year.

- Interest earnings, net of amortized premiums and unrealized gains/losses are higher than budgeted due to better market interest rates than expected.
- Connection fees are just under what was originally budgeted due to over anticipation of development that is picking up, but not at the pace we had hoped.
- Legal fees were reduced at the recommendation of legal counsel. No other significant changes are expected in operating expenditures.

#### 2016-2017 Estimated Revenues

Connection fees have been projected at \$12,930,500 (\$1,566,000 for the County, \$3,728,500 for the District, and \$7,636,000 for Roseville). This is a positive turn and reflects a higher level of anticipated development from prior year. Interest income, net of amortized premiums and unrealized gains/losses is also estimated to be higher than FY16.

#### 2016-2017 Estimated Operating Expenditures

Total operating expenditures for FY17 are just lower than the FY16 budget. Authority staff line items include both direct and indirect costs related to administration of the Authority. Indirect costs include the city attorney, city manager, and certain finance personnel, etc., who do not charge directly to the Authority. Legal and financial advisory services include projected costs for possible agreement and financial reviews.

The Capital Improvement Projects Budget for FY17 is included in a separate agenda item.

Debt service payments for FY17 are expected to be approximately 1.2% lower than the FY16 budget.

Submitted by:



Janet L. Vargas  
Administrative Analyst II



Kenneth J. Glotzbach  
Executive Director

# South Placer Wastewater Authority: FY 2016-17 Budget

## **Rate Stabilization Fund**

	<u>Actual</u> <u>2014-15</u>	<u>Estimated</u> <u>2015-16</u>	<u>Budget</u> <u>2016-17</u>
AVAILABLE RESOURCES CARRY-OVER	\$ 99,053,880	\$ 105,807,235	\$ 102,974,634
ESTIMATED REVENUES			
Interest	792,462	960,000	875,085
Connection Fees	15,156,521	10,942,037	12,930,500
Proceeds from Borrowing	-	-	-
Miscellaneous Revenue	142,994	-	-
Repayment from County	500,000	948,450	500,000
Total Estimated Revenues	16,591,977	12,850,487	14,305,585
Total Estimated Available for Appropriation	115,645,857	118,657,722	117,280,219
LESS OPERATING EXPENSES			
JPA Staff	118,665	138,725	138,611
Legal Services	4,351	50,000	20,000
Financial Advisory Services	-	25,000	25,000
Audit Services	13,045	25,000	25,000
Trustee/Investment Fees	-	-	-
Insurance	18,122	18,650	18,650
Copying/Mailing/Supplies	561	2,250	2,250
Travel/Meetings	-	500	500
Miscellaneous	6	10	9
Total Operating Expenses	154,750	260,135	230,020
LESS ESTIMATED CAPITAL EXPENDITURES	430,094	6,110,046	-
LESS DEBT SERVICE PAYMENTS	9,253,778	9,312,907	9,617,447
Total Estimated Expenditures	9,838,622	15,683,088	9,847,467
LESS RESERVE FOR UNEXPENDED CAPITAL BUDGET	6,289,390		
ESTIMATED AVAILABLE RESOURCES	\$ 99,517,845	\$ 102,974,634	\$ 107,432,752

**SOUTH PLACER WASTEWATER AUTHORITY**

**RESOLUTION NO. 2016-05**

**RESOLUTION OF THE BOARD OF DIRECTORS OF THE  
SOUTH PLACER WASTEWATER AUTHORITY APPROVING  
OPERATING BUDGET FOR FY 2016-2017**

**BE IT RESOLVED** by the Board of Directors of the South Placer Wastewater Authority that the Operating Budget for FY 2016-2017 is hereby approved as presented to the Board at this meeting; and

**BE IT FURTHER RESOLVED**, that the Executive Director is hereby authorized to reallocate budgeted amounts among the line-items in the approved Operating Budget, as he may deem necessary or desirable; provided, however, that the total amount budgeted for FY 2016-2017 shall not be increased without the Board's prior approval.

PASSED AND ADOPTED this 30<sup>th</sup> day of June, 2016, by the following vote on roll call:

AYES:

NOES:

ABSENT:

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Chairperson

ATTEST:

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Secretary