

SOUTH SAN LUIS OBISPO COUNTY SANITATION DISTRICT

Post Office Box 339 Oceano, California 93475-0339

1600 Aloha Oceano, California 93445-9735

Telephone (805) 489-6666 FAX (805) 489-2765

<http://ssloesd.org/>

Agenda

Board of Directors Meeting

1600 Aloha Street

Oceano, California 93445

Wednesday, June 6, 2012 at 6:00 PM

NOTE LOCATION CHANGE

Board Members

Bill Nicolls, Chairman

Matthew Guerrero, Vice Chairman

Tony Ferrara, Director

Alternates

John Shoals, Director

Vacant, Director

Jim Guthrie, Director

Agencies

City of Grover Beach

Oceano Community Services District

City of Arroyo Grande

City of Grover Beach

Oceano Community Services District

City of Arroyo Grande

1. CALL TO ORDER AND ROLL CALL

2. PUBLIC COMMENTS ON ITEMS NOT APPEARING ON AGENDA

This public comment period is an invitation to members of the community to present comments, thoughts, or suggestions on matters not scheduled on this agenda. Comments should be limited to those matters that are within the jurisdiction of the District. The Brown Act restricts the Board from taking formal action on matters not published on the agenda. In response to your comments, the Chairman or presiding Board Member may:

- Direct staff to assist or coordinate with you.
- It may be the desire of the Board to place your issue or matter on a future Board agenda.

Please adhere to the following procedures when addressing the Board:

- Comments should be limited to 3 minutes or less.
- Your comments should be directed to the Board as a whole and not directed to individual Board members.
- Slanderous, profane or personal remarks against any Board Member, Staff or member of the audience shall not be permitted.

Any writing or document pertaining to an open session item on this agenda which is distributed to a majority of the Board after the posting of this agenda will be available for public inspection at the time the subject writing or document is distributed. The writing or document will be available for public review in the offices of the Oceano CSD a member agency, 1655 Front Street, Oceano, California. Consistent with the Americans with Disabilities Act and California Government Code §54954.2, requests for disability related modification or accommodation, including auxiliary aids or services may be made by a person with a disability who requires the modification or accommodation in order to participate at the above referenced public meeting by contacting the District Administrator or Administrative Assistant at 805-544-4011.

3. CONSENT AGENDA

The following routine items listed below are scheduled for consideration as a group. Each item is recommended for approval unless noted. Any member of the public who wishes to comment on any Consent Agenda item may do so at this time. Any Board Member may request that any item be withdrawn from the Consent Agenda to permit discussion or change the recommended course of action. The Board may approve the remainder of the Consent Agenda on one motion.

3a. Review and Approval of Minutes of May 16, 2012 meeting

3b. Review and Approval of Warrants

4. PLANT SUPERINTENDENT'S REPORT**5. BOARD ACTION ON INDIVIDUAL ITEMS:****A. PROGRESS PAYMENT NO. 1 FOR PRIMARY CLARIFIER NO. 1 PROJECT**

Staff recommends the Board approve Progress Payment No. 1 in the amount of \$49,204.85. (Net payment of \$44,284.37 with retention withheld.)

B. PRETREATMENT ORDINANCE UPDATE

Staff recommends the Board direct staff to enter into negotiations with Carollo Engineers as to scope and cost.

C. SIX-INCH PLUG VALVES

Staff recommends the Board approve the purchase of four 6-inch plug valves from Ferguson Enterprises for \$3,805.23

D. MEMBER AGENCY AGREEMENT FOR FOG ADMINISTRATION

Staff recommends the Board approve in form, the proposed agreement and direct Staff to coordinate approval by the Member Agencies.

E. REVIEW FY 2012-13 MAJOR BUDGET ITEMS AT THE PLANT SITE

Staff recommends the Board review the MBI portion of the proposed FY 2012-12 Preliminary Budget and provide direction to Staff. Advertise June 20, 2012 Board meeting as public hearing for adoption of the Budget.

6. MISCELLANEOUS ITEMS

- a. Miscellaneous Oral Communications
- b. Miscellaneous Written Communications
 - Sample District Newsletter (draft)
 - Water recycling Forum Update

7. PUBLIC COMMENT ON CLOSED SESSION**8. CLOSED SESSION**

- 1) Conference with Legal Counsel regarding existing litigation pursuant to Government Code Section 54956.9; 2 cases
Mascolo v SSLOCSD et.al. and Appleton vs SSLOCSD et. al.
- 2) Conference with Legal Counsel regarding significant exposure to litigation pursuant to Government Code section: § 54956.9 subdivision b; 2 cases

9. RETURN TO OPEN SESSION, REPORT ON CLOSED SESSION**10. ADJOURNMENT**

SOUTH SAN LUIS OBISPO COUNTY SANITATION DISTRICT

Oceano Community Services District
1655 Front Street
Oceano, CA 93445

Minutes of Wednesday, May 16, 2012
6:00 P.M.

1. CALL TO ORDER AND ROLL CALL

Present: Chairman Bill Nicolls, City of Grover Beach; Vice Chairman Matthew Guerrero, Oceano Community Services District; Director Tony Ferrara, City of Arroyo Grande.

Others in Attendance: John Wallace, District Administrator; Mike Seitz, District Counsel; Bob Barlogio, Plant Superintendent; Matthew Haber, Bookkeeper/Secretary; Melissa Thorne, Legal Counsel from Downey Brand

2. PUBLIC COMMENTS ON ITEMS NOT APPEARING ON AGENDA

There were no public comments.

3. CONSENT AGENDA

- A. Review and Approval of Minutes of the Meeting of May 2, 2012.
- B. Review and Approval of Warrants.
- C. Financial Report ending April 30, 2012

Administrator Wallace indicated that the Board members had before them a corrected Financial Statement showing the correct Current Revenue for the Grover Beach hook-up fees of \$2,475.

It was moved by Vice Chairman Guerrero, seconded by Director Ferrara, to approve Consent Agenda Items 3A, 3B and 3C, as presented. Motion carried unanimously.

4. PLANT SUPERINTENDENT'S REPORT

Plant Superintendent Barlogio reported that the Plant has been running well. There are no data for effluent BOD or Total Suspended Solids (TSS) for May (as of May 9th). Average daily flow has been 2.53 million gallons. Average chlorine usage has been 209 gallons per day. Highest fecal coliform was a 14 MPN (limit of 2400 MPN) with a 7-sample median high of 8 MPN (limit of 200 MPN). MPN = Most Probable Number

The new influent pump has been running great. Staff took the No. 1 primary clarifier off line which allowed it to be sandblasted and coated by FRM. With the No. 1 off-line, Staff took the opportunity to install the 6-inch plug valves. Staff has begun using the sludge drying beds due to the warmer weather which will help to reduce energy costs since this will reduce the need to operate the centrifuge. Staff replaced a pump in one of the sump pits, replaced an electric motor on grinder No. 2 and replaced some of the wiring to the No. 2 primary clarifier and pumps.

Chairman Nicolls commented on the last item of Plant Superintendent Barlogio's report. He spoke about how this work would generally be farmed out. He believes that Staff has again done something

above and beyond what is normally called for. Chairman Nicolls gave his compliments to Plant Superintendent Barlogio and the Staff. Administrator Wallace added that this kind of work at another facility would have normally been contracted out, and he singled out Shift Supervisor Rodriguez as doing a good job of keeping projects in-house. Vice Chairman Guerrero asked if there are additional staffing needs for this work. Plant Superintendent Barlogio replied that there has been use of temporary help to finish these projects. Director Ferrara asked how Staff ensures that the work, especially the electrical work, is up to code. Plant Superintendent Barlogio replied that an electrician is called in to do the terminations after Staff has pulled the wire. Chairman Nicolls asked Plant Superintendent Barlogio to pass along the Board's comments to Shift Supervisor Rodriguez.

5. BOARD ACTION ON INDIVIDUAL ITEMS

A. INFLUENT PUMP PARTS

At a previous Board meeting, Plant Superintendent Barlogio had reported that an influent pump impeller had snapped. Staff would like to rebuild the pump and replace the pump impeller, shaft and wear ring. Plant Superintendent Barlogio has contacted a supplier, ABBA Pump Parts, located in Canada, which sells parts which fit the Fairbanks Morse pump at a cost of about one-third of OEM parts. Vice Chairman Guerrero asked whether the parts are equivalent quality. Director Ferrara asked if these parts are not rebuilt or refurbished. Plant Superintendent Barlogio responded that these are brand new parts of equivalent quality.

Plant Superintendent Barlogio also noted that the pump housing will be sent to BC Pumps and Nickson's Machine Shop to be rebuilt.

It was moved by Director Ferrara, seconded by Vice Chairman Guerrero, to approve the staff recommendation that the Board approve the purchase of a pump impeller, wear ring and shaft to rebuild a 12-inch influent pump in the amount of \$6,532.30 from ABBA Pump Parts. Motion carried unanimously.

B. FY 2011-12 Q3 BUDGET ADJUSTMENTS

Administrator Wallace presented the staff recommendation that the Board review the FY 2011-12 Budget Adjustments at the end of the 3rd Quarter.

There are sixteen items which require adjustments. Of the sixteen items, four items will be adjusted within the account activities so there will be no net increase or decrease. Ten of the items necessitate transferring unused funds from completed Major Budget Items (MBIs) to other accounts within the same fund, and two items will return funds to fund balance. There will not be any adjustments to revenue, but Staff will continue to work with the Member Agencies to better understand the differences between expected revenue and actual revenue.

Chairman Nicolls said he has noticed that many of the projects have come in under budget due to the hard work of Staff. He gave his appreciation to Staff.

It was moved by Director Ferrara, seconded by Vice Chairman Guerrero, to approve the Staff recommendation that the Board approve Resolution No. 2011-297 Amending the FY 2011-12 Budget at Third Quarter and on the following roll call vote to wit:

AYES: Director Ferrara, Vice Chairman Guerrero, Chairman Nicolls

NOES: None

ABSENT: None

The foregoing resolution was passed and adopted the 16th day of May 2012.

C. FY 2012-13 PRELIMINARY BUDGET

Administrator Wallace presented the staff recommendation that the Board consider the proposed FY 2012-13 Preliminary Budget. Further review of the proposed Major Budget items would occur at the June 6th meeting which is typically held at the Plant. This would allow the inspection of the facilities and equipment. The June 20th meeting would be advertised as the time for a public hearing on the adoption of the budget, but, if necessary, the public hearing for the final adoption could be continued to the first meeting of July.

Director Ferrara had an observation regarding the organizational chart. He recommended that the Chairman of the Board at the time be in the center of the chart. Director Ferrara asked about the \$12,000 increase in brine disposal revenue (Account 19-4050). Administrator Wallace replied that the brine disposal station recently went back on-line so this revenue is anticipated for next year.

Director Ferrara asked whether the increase in the State Retirement expense (Account 19-6060) was due to an increase in PERS. Administrator Wallace responded that it was. Chairman Nicolls pointed out that it is a \$30,000 increase. District Bookkeeper/Secretary, Matthew Haber, explained that the budgeted amounts at the beginning of FY 2011-12 did not reflect the correct FY 2011-12 contribution rates so the increase of \$30,000 seems larger than it actually is. The increase from the end of FY 2011-12 to FY 2012-13 is projected to be about \$6,000 due to an increased PERS employer contribution rate for FY 2012-13.

Director Ferrara then asked about the electricity costs (Account 19-7091). He asked whether the amounts for FY 2012-13 factor in any resolution regarding the co-gen, any repair of the co-gen or an increase in kilowatt production. Administrator Wallace responded that the amount factors in those somewhat, but that more will be known by the June 20th meeting especially after Kennedy/Jenks has inspected the co-gen unit. Administrator Wallace believes that the District will save more after review and adjustments because the co-gen will have more production out of it.

Director Ferrara asked about the Trunk Sewer Minor Maintenance (Account 19-8015). Administrator Wallace replied that there are minor maintenance issues on the trunk line which have not yet been taken care of. The intent is to take care of them this year.

Director Ferrara got clarification from Administrator Wallace that the expenses for item 12 MBI 05 Reclaimed Water Studies are being offset by the revenues from the IRWM grant.

Director Ferrara addressed item 09 MBI 04 Vehicle Replacement saying that when Staff does look for a replacement vehicle that the vehicle be a used vehicle from a local dealer.

Director Ferrara asked about the \$175,000 to complete the co-gen work and whether there is still potential litigation to recover some of those costs. Administrator Wallace said yes there is but then pointed out that this item (10 MBI 16) is for an upgrade of the co-gen. The co-gen was purchased at 150 kW with the understanding and contractual obligation that it was upgradeable to 200 kW. It was subsequently discovered that the co-gen unit provided by the contractor, US

Energy, may not be upgradeable. Chairman Nicolls asked about the co-gen upgrade. Counsel Seitz said that Kennedy/Jenks would have an on-site visit next week with regards to the co-gen unit so there probably would be further discussions on that report.

Administrator Wallace pointed out that there are no salary increases factored into the budget amounts as it is at the Board's discretion to do so or not, and also that the next Board meeting would be at the Plant. Administrator Wallace added that in the past the Board has held off on a salary increase at the beginning of the year and then has revisited the issue at the mid-year budget review. Vice Chairman Guerrero said that he would like to keep the Plant an attractive place to work and to show that the Board recognizes that District employees are doing a good job.

D. ENGINEERING ON CALL SERVICES

At a previous meeting, the Board discussed the potential for having additional firms on board for on-call services by setting up Master Services Agreements (MSAs). The District has an MSA with Kennedy/Jenks Consultants and has used that firm before for outside, specialized services. To expand the pool of qualified people to draw from, it is recommended that the Board consider retaining Carollo Engineers, which did the peer review of the District's Long Range Plan, and West Yost Associates. He thinks that both of these firms are excellent firms which could provide the kinds of services the District may need on a specialized basis. This would give the District a pool of three engineering firms from which to solicit proposals.

Vice Chairman Guerrero asked whether there are costs associated with keeping these firms on-call. Administrator Wallace replied that there is no fee for retaining these firms. With the MSAs, there is no need to go back to the agreement process every time services are needed since there is a standing agreement with a standard set of fees.

Chairman Nicolls pointed out that the charges for the services offered by these firms are substantially higher than what the District is paying for its current engineering contract.

It was moved by Vice Chairman Guerrero, seconded by Director Ferrara, to approve the staff recommendation that the Board approve entering into Master Services Agreements with West Yost Associates and Carollo Engineers. Motion carried unanimously.

E. CASA MEMBERSHIP

Administrator Wallace presented the staff recommendation that the Board approve joining the California Association of Sanitation Agencies (CASA) at the annual membership rate of \$8,000. CASA has provided a lot of information to the District before, and Staff has also reviewed some of CASA's legal work and their assistance to other districts. Administrator Wallace said that CASA would be helpful and supportive of the District in its next endeavors with the State Water Board.

Director Ferrara had reservations about the \$8,000 fee. Director Ferrara added that he would rather wait for an honest assessment of the cost/benefit of joining CASA after Staff has attended the CASA conference in August. Chairman Nicolls agreed. Melissa Thorne, Legal Counsel from Downey Brand, spoke about the CASA conference and the different benefits offered by CASA membership. The Board reached consensus that feedback about CASA would be provided after attendance at the CASA Annual Conference in August. Administrator Wallace said that the Directors would be welcome to attend the conference with no registration fees required by CASA.

6. MISCELLANEOUS ITEMS

- A. Miscellaneous Oral Communications
- B. Miscellaneous Written Communications

Administrator Wallace spoke about the monthly collection system meeting. The agenda for the May 10th meeting is included in the Board packet.

Plant Superintendent Barlogio gave positive feedback about the CSRMA training for Sewer System Overflows (SSOs).

Administrator Wallace spoke about the June 7th Water Symposium. The Save-The-Dates sent to the Member Agencies are included in the Board packet.

Director Ferrara asked whether the hazmat training has been scheduled or completed. Plant Superintendent Barlogio said that a lot of the paperwork has been done. Administrator Wallace added that a report would be brought back to the Board as to the status of the training.

7. PUBLIC COMMENT ON CLOSED SESSION

There were no public comments.

8. CLOSED SESSION

- (1) Conference with Legal Counsel regarding significant exposure to litigation pursuant to Government Code Section 54956.9; 2 cases
Mascolo v. SSLOCSD et al. and Appleton vs SSLOCSD et al.
- (2) Conference with Legal Counsel regarding significant exposure to litigation pursuant to Government Code Section 54956.9 subdivision b; 2 cases

9. RETURN TO OPEN SESSION; REPORT ON CLOSED SESSION

District Counsel reported that the Board discussed the two items above and gave direction to staff but took no reportable action.

10. ADJOURNMENT

There being no further business to come before the Board, the meeting was adjourned at approximately 7:30 p.m.

THESE MINUTES ARE DRAFT AND NOT OFFICIAL UNTIL APPROVED BY THE BOARD OF DIRECTORS AT A SUBSEQUENT MEETING

SOUTH SAN LUIS OBISPO COUNTY SANITATION DISTRICT
WARRANT REGISTER

6/6/2012

ISSUED TO	PURCHASE/SERVICE	INV. # / SERVICE PERIOD	WARRANT NO.	ACCT	ACCT BRKDN	TOTAL
ABBA EMPLOYER SERVICES	CONTRACT LABOR	17693	060812-0602	6085	1,364.00	1,364.00
ADVANTAGE TECHNICAL SERVICES	PRI CLAR NO. 1 STEEL EVAL	3194		3 8060	1,000.00	1,000.00
ARAMARK UNIFORMS	EMPLOYEE UNIFORMS	6819297 6843724 6962146		4 7028	603.48	603.48
AT&T	TELEPHONE SERVICE	MAY		5 7013	659.55	659.55
BILL NICOLLS	BOARD SERVICE	MAY		6 7075	200.00	200.00
BOB BARLOGIO	MEDICAL REIMBURSEMENT			7 8075	500.00	500.00
BRENNTAG PACIFIC, INC	PLANT CHEMICALS	200222		8 8050	4,595.67	4,595.67
CA ELECTRIC SUPPLY	ELEC SYS UPGRADE	7828-488636		9 26/8066	97.96	97.96
CHARTER	INTERNET SERVICE	JUNE		10 7011	54.99	54.99
E&J AUTO PARTS	MISC SUPPLIES	331158		11 8032	203.65	203.65
FEDEX	SHIPPING	7-085-40382 7-893-09052 7-800-95958		12 8045	183.32	183.32
FERGUSON ENTERPRISES	GLOVES	8238832		13 8058	12.91	1,050.48
	MISC SUPPLIES 11 MBI 08	8238802 8238924 8245908		26/8065	1,037.68	
FGL ENVIRONMENTAL	CHEMICAL ANALYSIS	281320A 281232A 281235A 281388A 281392A 281054A 281460A		14 7078	5,245.00	5,245.00
FLUID RESOURCE MANAGEMENT	WORK ON PRI CLAR NO. 1	65408 (LESS 10% RETENTION) 08 MBI 04		15 26/8061	44,284.82	44,284.82
FM CONTROLS	CALIBRATE CONTROLS	2012-607 2012-678		16 8030	1,260.00	2,800.00
	TROUBLESHOOT AND REPAIR CONTROLS	2012-676 2012-677		26/8070	1,540.00	
GORDON SAND	SAND FOR SLUDGE BEDS	0621552-IN 0621844-IN		17 8080	3,071.94	3,071.94
I.I. SUPPLY	MISC SUPPLIES	14072 14089		18 8080	249.87	249.87
JA DEWAR INC	VEHICLE FUEL AND OIL	795185		19 8020	297.31	297.31
JOHN DEERE LANDSCAPES	LANDSCAPE SUPPLIES	61189972		20 8080	104.19	104.19
KENNEDY/JENKS CONSULTANTS	ENG SVCS - BWRCA NEGOTIATIONS	63878		21 7087	4,448.70	4,448.70
KNECHT'S PLUMBING & HEATING	BOILER REPAIR	33225		22 8030	1,196.08	1,196.08
LIEBERT CASSIDY WHITMORE	LEGAL SERVICES	150310		23 7071	330.00	330.00
LINC DELIVERY	DELIVERY SERVICE	APRIL		24 8040	367.50	367.50
MATTHEW GUERRERO	BOARD SERVICE	MAY		25 7075	200.00	200.00
MDT PERSONNEL	CONTRACT LABOR	17489 30105 33220 35907		26 6085	6,375.00	6,375.00
PERRY'S ELECT MOTORS	BALDOOR MOTOR	13955		27 26/8070	580.24	580.24
PERS MEDICAL	EMPLOYEE MEDICAL	JUNE		28 6010	12,258.73	12,258.73
PG&E	ELECTRICITY SERVICE	04/12/2012 TO 05/13/12		29 7091	11,243.82	11,243.82
POLYDYNE INC.	CLARIFLOC	730632		30 8050	916.99	916.99
PRAXAIR	MISC SUPPLIES	42945246 42987686		31 8055	193.82	193.82
RADIOSHACK	OFFICE SUPPLIES	039235		32 8045	198.66	198.66
SAN LUIS PERSONNEL	CONTRACT LABOR	9933 9959 9986		33 6085	1,850.75	1,850.75
SANTA MARIA DIESEL	MISC SUPPLIES	26233 26439 26691 26237		34 8055	311.01	480.72
	LEGAL SERVICES	APRIL		35 7071	15,145.10	15,145.10
SHIPSEY & SEITZ	TRAILER TIRES	570139		36 8030	198.16	198.16
SM TIRE	SECURITY - JUNE: ALARM SVC	9218234 9234695		37 7011	234.70	234.70
STANLEY SECURITY	WORKERS' COMPENSATION	MAY		38 6030	4,944.45	4,944.45
STATE FUND	PIPE PLUG FOR 06 MBI 04	ST184409		39 26/8061	446.99	446.99
STEMAR EQUIPMENT & SUPPLY	PLANT CHEMICALS	17016		40 8050	234.33	234.33
SUNRISE ENVIRONMENTAL	MISC SUPPLIES	1050072		41 8050	292.47	292.47
TITAN INDUSTRIAL	SAND TRANSPORT	5400 5404		42 8080	490.00	490.00
TLT TRUCKING	CRANE REPAIR	1428		43 26/8070	1,310.05	1,310.05
TOM'S MOBILE REPAIR SERVICE	BOARD SERVICE	MAY		44 7075	200.00	200.00
TONY FERRARA	POLYBLEND PUMP HEAD	687419		45 8030	233.65	233.65
USABUEBOOK	WORK ON ELEC SYS UPGRADE	48 04 MBI 16		46 26/8065	2,585.40	2,585.40
WESCO	MISC SUPPLIES	9824588331		47 8035	288.65	802.96
WW GRAINGER	SAFETY SUPPLIES	0829765421 9830201078		8050	307.07	
	PRESSURE REGULATOR	9830035235		8060	227.24	
SUB TOTAL					134,125.49	134,125.49
PAYROLL	PPE 05/16/2012				27,345.23	27,345.23
GRAND TOTAL					161,470.72	161,470.72

We hereby certify that the demands numbered serially from 060812-6602 to 060812-6647 together with the supporting evidence have been examined, and that they comply with the requirements of the SOUTH SAN LUIS OBISPO COUNTY SANITATION DISTRICT. The demands are hereby approved by motion of the SOUTH SAN LUIS OBISPO COUNTY SANITATION DISTRICT, together with warrants authorizing and ordering the issuance of checks numbered identically with the particular demands and warrants.

BOARD OF DIRECTORS:

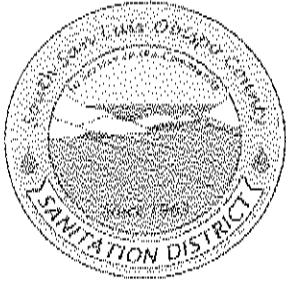
DATE: _____

Chairman

Board Member

Board Member

Secretary



SOUTH SAN LUIS OBISPO COUNTY SANITATION DISTRICT

Post Office Box 339 Oceano, California 93475-0339

1600 Aloha Oceano, California 93445-9735

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<http://www.ssloesd.org/>

To: Board of Directors
From: Bob Barlogio, Plant Superintendent
Via: John Wallace, District Administrator
Date: June 6, 2012
Subject: Superintendent's Report

The data for May 2012 (as 5/29/12) is as follows:

Average daily flow 2.54 million gallons per day. Highest daily flow was over the holiday, 2.77 million gallons for the day.

Average chlorine usage 215 gallons per day

Highest single fecal was a 130 mpn (limit of 2400), 7 sample median high was a 30 mpn (limit of 200)

The BOD average, for the data we have, in 245 mg/l- out 20 mg/l, TSS, in 448 mg/l – out 30 mg/l, 91 % and 93 % removal.

FRM has completed the coating of the # 1 primary clarifier (except what they will need to do for the drive replacement). They anticipate coming back in September to replace the drive and bridge.

Staff replaced almost all the 6 inch plug valves on the # 1 primary clarifier pump station. Staff found several valves that did not seal tightly. We used a couple of the valves we planned on using for the # 2 primary, on the # 1 primary pump station.

Staff cleaned the chlorine contact tank, draining one side at a time, sampling while one side was off line to show compliance. The fecal coliform result was a 2 mpn.

We had an inspection from the SLO County Environmental Health Department, re: Hazardous Material Business Plan. The only issue was not having the new antifreeze on the inventory. We had the spent antifreeze, but not the new product. It was added to the inventory, via the SLO County Haz Mat portal.

Liberty has been hauling off the bio solids this month.

Staff are in the process of repairing the sludge drying beds. We have a couple spots that were soft. Staff cut these areas out and installing rebar. We are planning to pour concrete soon. We priced asphalt and it was going to cost over \$1700 for the material, and we would need to rent equipment to complete the job. We obtained several bids from contractors to complete the work, and they averaged between \$ 3800 and \$4500. If we use concrete, the material will cost around \$1500, and we can do it ourselves. We have all the necessary tools and equipment for concrete.

I've contacted David Mathe, he said he would get back to me about someone for the training of 1st Responders, Awareness training. I will keep you informed.

Staff will start training on the All-Hazard Emergency Response Procedures starting in June of this year. The training will cover each individual responsibility, from the operator to the Board of Directors. We will go over the Incident Command Center, how it works, and how they fit in. Then we will cover the different scenarios, discuss procedures and operation. We will discuss why we need to conduct training and have policies consistent with the Standard Emergency Management System and National Incident Management System.

We hired from the temp employment agency a technical writer to assist in the writing of our SOPs and organizing our library. She has done a terrific job with both. The library books are numbered, as with the SOPs, to a section of the plant. The SOPs will also have reference to the book number. The library shelves are organized as what they contain, O&M manual, studies, safety, etc. We will probably be letting her go soon, just a few more things to iron out in the SOPs.



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Staff Report

To: Board of Directors
From: John Wallace, *District Administrator*
Date: June 06, 2012
Subject: Progress Payment No. 1 for Primary Clarifier No. 1 Project

Recommendation:

Approve Progress Payment No. 1 to Ellison Environmental Inc. dba Fluid Resource Management, in the amount of \$49,204.85. (Net payment of \$44,284.37 with retention withheld.)

Funding:

The FY 2011-12 Budget includes Major Budget Item 06 MBI 04 – *Primary Clarifier No. 1 Catwalk and Drive* -- in the amount of \$337,801.50. As of May 16, 2012, the following expenditures have occurred:

- \$59,363 Capital Equipment;
- \$3,180 Drive Research, and Design;
- \$2,156 Project Management;
- \$2,595 Construction;
- \$5,482 Contract Administration;

for a total of \$72,776, leaving a balance of \$265,026. Contract work left to complete the project amounts to \$112,527 plus contract administration costs and to purchase minor fabrication parts.

Discussion:

Ellison Environmental Inc. dba Fluid Resource Management (FRM) was retained by a Board action on April 4, 2012 to perform coatings work, and to install a new Primary Clarifier drive unit and access bridge.

Progress payment No. 1 includes payment for phase one of work associated with this contract. Phase one consists of mobilization for coatings, draining, cleaning, sandblasting and coating the interior of the Clarifier tank.

Some additional cost was required to retain a technical expert to evaluate the condition of the existing clarifier scraper arms once the tank was drained. As seen on the top two pictures on page 3 of this report, there was significant debris on the arms hindering a thorough inspection. Therefore, it was necessary to also increase the FRM scope to include removing and disposing of the debris from the arms, resulting in Contract Change Order 1 (CCO1) in the amount of \$1,000. No other change orders are expected at this time.

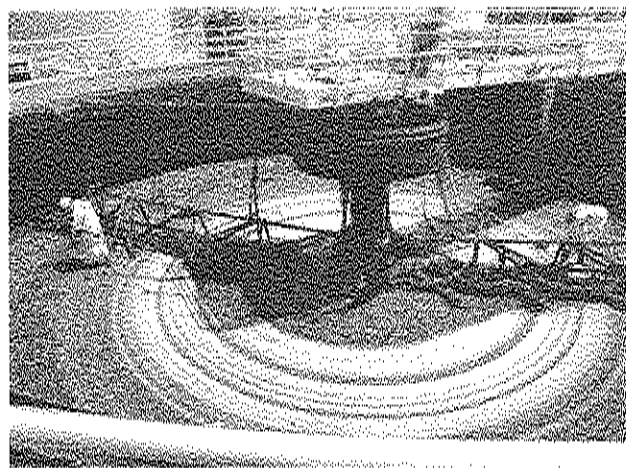
Based upon the work that has been completed by FRM, Staff believes this payment is equivalent to the amount of work performed during this period. Tasks and percentage complete for this period are listed in the following table. Staff has closely monitored work performed under this contract and believes the invoice reflects the actual work performed.

Item Description	Qty	Unit	Unit Price	Contract Amount	% Complete	Cost This Period
Mobilization/Demobilization/ Clean-Up	1	LS	\$12,385.00	\$12,385.00	50%	\$6,192.50
Provide for Cleaning, Sand Blasting and coating of Interior Concrete Walls of Clarifier Tank and Clarifier Trough	4,127	SF	\$10.18	\$45,810.00	92%	\$42,012.35
CCOI: Removal and Disposal of Rags, Cloth, and Paper Products from the Scraper Arm Mechanism Prior to Inspection by ATS	1	LS	\$1,000.00	N/A	100%	\$1,000.00
Sub-total (Job to date)						\$49,204.85
Retainage (10%)						(\$4,920.49)
Net Total						\$44,284.37

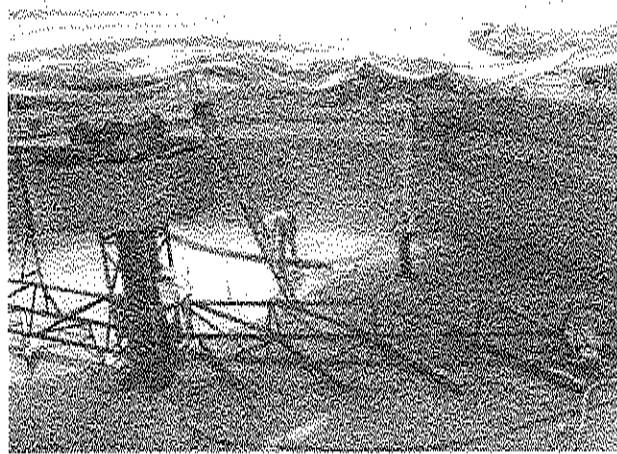
Staff recommends approval of Progress Payment No. 1 in the amount of **\$49,204.85**. A 10% retainage of **\$4,920.49** is withheld, resulting in a net payable amount of **\$44,284.37**.



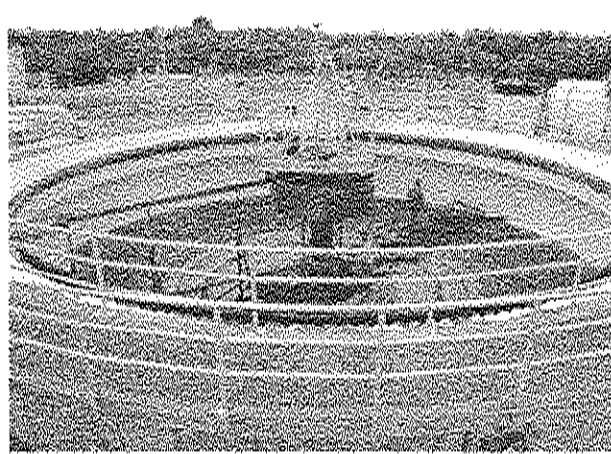
Draining and Cleaning of Primary Clarifier #1



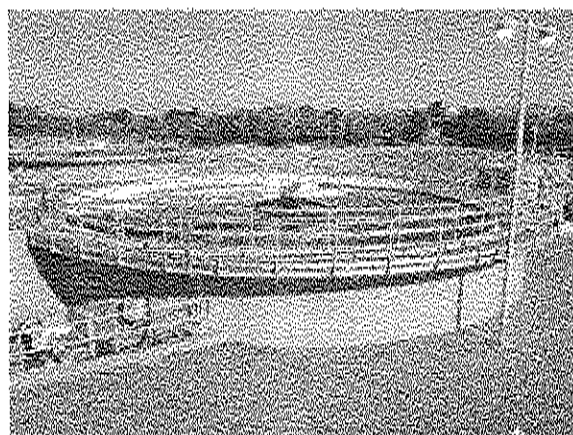
Change Order #1: Cleaning Debris from the Arms



After Sand Blasting of Old Coal Tar Coating



New Coating Applied to the Tank Interior

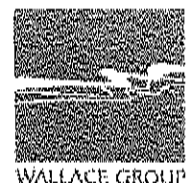


Primary Clarifier #1 Back in Service After 5 Day Outage

South San Luis Obispo County Sanitation District PRIMARY CLARIFIER #1				SSLOCSD PARTIAL PAYMENT ESTIMATE NO. 1	
OWNER: South San Luis Obispo County Sanitation District SSLOCSD			CONTRACTOR: Fluid Resource Management, Inc.		PERIOD OF ESTIMATE FROM <u>5/01/11</u> TO <u>5/17/2012</u>
CONTRACT CHANGE ORDER SUMMARY				ESTIMATE	
No.	Owner Approval Date	Amount			
		Additions	Deductions		
1	6/8/2012	\$ 1,000.00		1. Original Contract	\$ 160,731.00
				2. Change Orders	\$ 1,000.00
				3. Revised Contract (1 + 2)	\$ 161,731.00
				4. Work Completed* (Incl. CCO work)	\$ 49,204.86
				5. Stored Materials	\$ -
				6. *Subtotal (4 + 5)	\$ 49,204.86
				7. Retainage	\$ 4,920.49
				8. Previous Payments	\$ -
				9. Amount Due (6-12-12)	\$ 44,284.37
				* Detailed breakdown attached	
TOTALS		\$ 1,000.00	\$ -		
NET CHANGE		\$ 1,000.00			

CONTRACT TIME			
Original (working days) <u>60</u>	Revised <u>0</u>	On Schedule <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Starting Date <u>5/7/12</u> Project Completion <u>8/31/12</u>

CONTRACTOR'S CERTIFICATION: "I, the undersigned, declare under penalty of perjury under the laws of the State of California that this Application for Payment is made in good faith, that the documents substantiating this application are accurate and complete and that the foregoing is true and correct." Date <u>5-29-12</u> CONTRACTOR: FLUID RESOURCE MANAGEMENT, INC. By <u>[Signature]</u> Type or Print Name and Title of Person Signing Applications <u>LEWIS K. GARDNER</u> RECOMMENDED BY ENGINEER: ENGINEER: <u>Eileen Stephens</u> By <u>Eileen Stephens</u> Date <u>5/30/12</u>	CONTRACT ADMINISTRATOR: The undersigned certifies that the work has been carefully inspected and to the best of their knowledge and belief, the quantities shown in this estimate are correct and the work has been performed in accordance with the contract documents. WALLACE GROUP: Contract Administrator By <u>[Signature]</u> Date <u>5/29/2012</u> APPROVED BY DISTRICT: Owner: SSLOCSD By <u>[Signature]</u> Date <u>5/30/12</u>
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Sout San Luis Obispo County Sanitation District - Primary Clarifier #1

PROGRESS PAY - No. 1 FLUID RESOURCE MANAGEMENT, INC.

REF.	ITEM DESCRIPTION	ORIGINAL CONTRACT			THIS PERIOD			TOTAL TO DATE			% COMPLETE
		QUANTITY	UNIT	UNIT PRICE	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT	AMOUNT	
1	Mobilization, Demobilization and Clean Up	1	LS	\$12,385.00	\$ 12,385.00	50%	\$ 6,192.50	50%	\$ 6,192.50	\$ 6,192.50	50%
2	Disassemble and Remove Drive Unit	1	LS	\$3,624.00	\$ 3,624.00	0%	\$ -	0%	\$ -	\$ -	0%
3	Remove Existing Walkway Bridge	1	LS	\$3,493.00	\$ 3,493.00	0%	\$ -	0%	\$ -	\$ -	0%
4	Provide for Cleaning, Sand Blasting, and Coating of Interior Concrete Walls of Clarifier Tank, and Clarifier Trough	4500	SF	\$10.19	\$ 45,810.00	92%	\$ 42,912.35	92%	\$ 42,912.35	\$ 42,912.35	92%
5	Provide for Cleaning, Sand Blasting, and Spot Coating on Clarifier Arms	100	SF								
6	Provide Manufacturer Fabricated Walkway Bridge	1	LS	\$74,548.00	\$ 74,548.00	0%	\$ -	0%	\$ -	\$ -	0%
7	Remove Existing Channel Iron, Scum Sweeper, and Clarifier Scum Hopper	1	LS	\$2,035.00	\$ 2,035.00	0%	\$ -	0%	\$ -	\$ -	0%
8	Install Schedule 80 Conduit from the Existing Electrical Box to the Drive	150	FT	\$21.00	\$ 3,150.00	0%	\$ -	0%	\$ -	\$ -	0%
9	Provide New Channel Iron, Scum Sweeper, Hopper and Beaches on the Scum Box	1	LS	\$7,431.00	\$ 7,431.00	0%	\$ -	0%	\$ -	\$ -	0%
10	Install New Drive (Purchased by the District)	1	LS	\$4,810.00	\$ 4,810.00	0%	\$ -	0%	\$ -	\$ -	0%
11	Provide for the Rebalance of the Clarifier Drive Arms	1	LS	\$1,948.00	\$ 1,948.00	0%	\$ -	0%	\$ -	\$ -	0%
12	Provide for Functional Testing and Demonstrating by Vendor Representative	1	LS	\$1,497.00	\$ 1,497.00	0%	\$ -	0%	\$ -	\$ -	0%
	TOTAL				\$ 160,731.00				\$ 48,204.85	\$ 48,204.85	30%

	CONTRACT CHANGE ORDERS	THIS PERIOD			TOTAL TO DATE			% COMPLETE
		QUANTITY	UNIT PRICE	AMOUNT	QUANTITY	AMOUNT	AMOUNT	
1	Clean Clarifier Arm for inspection	1	LS	\$ 1,000.00	\$ 1,000.00	100.00%	\$ 1,000.00	0%
				\$ -		\$ -	\$ -	0%
	SUB TOTAL CONTRACT CHANGE ORDERS			\$ 1,000.00		\$ 1,000.00	\$ 1,000.00	0%
	TOTAL CONSTRUCTION COST					\$ 163,731.00	\$ 163,731.00	

WORK COMPLETED	TO DATE	PERCENT	RETAINED
	\$ 48,204.85	10%	\$ 4,920.49
STORED MATERIALS	N/A	N/A	\$ -
TOTAL			\$ 4,920.49

NET PAY THIS APP.	\$ 44,284.37
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SOUTH SAN LUIS OBISPO COUNTY SANITATION DISTRICT

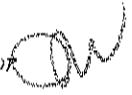
Post Office Box 339 Oceano, California 93475-0339

1600 Aloha Oceano, California 93445-9735

Telephone (805) 489-6666 FAX (805) 489-2765

<http://sslocsd.org/>

Staff Report

To: Board of Directors
From: John Wallace, *District Administrator* 
Date: June 6, 2012 Meeting
Subject: Pretreatment Ordinance Update, Contract Negotiations

Recommendation:

1. The Board find that Carollo Engineer is qualified to perform the update on the District's existing Pretreatment Ordinance.
2. Direct Staff to negotiate with Carollo Engineers to determine a final scope and cost.
3. Bring this item back to the Board for final consideration at a future meeting.

Funding:

The proposed yearly budget for FY 2012/13 for Fund 19-7065, Source Control Program is **\$60,000**. This budget includes costs for staff to manage the pretreatment program, as well as for consultant costs to update the ordinance. This budget amount may need to be adjusted pending the final cost and decision on Carollo's proposal.

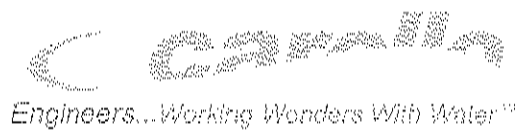
Discussion:

On November 16, 2011, The Board directed Staff to prepare a Request for Proposals (RFP) for engineering services to update the existing pretreatment ordinance to current EPA requirements. Proposals were to be considered on a Qualifications Based Selection (QBS). The RFP was sent to a total of five firms which have had experience with drafting and administering these ordinances. Several firms declined due to workload of qualified staff; only Carollo responded with a written proposal that was received on May 22, 2012.

It was determined Staff that Carollo Engineering Inc. is a qualified consultant that has written multiple ordinance updates for other agencies. The project team Carollo has assigned has significant experience performing similar work to the scope of this project and is familiar with our District having previously prepared the peer review of our Long Range Plan.

The proposal from Carollo amounts to \$43,000 but Staff believes that through negotiations, this cost could possibly be reduced.

Staff recommends that the Board review Carollo's proposal and direct Staff to proceed with negotiations to determine a final cost. This item will be returned to the Board for final action after completing the negotiations.



May 22, 2012

Ms. Eileen Stephens
Wallace Group
SSLOCSO District Engineer
Public Works Administration
612 Clarion Court
San Luis Obispo, CA 93401

Subject: Fee Estimate for the Request for Proposal for South San Luis Obispo County Sanitation
District Pretreatment Ordinance Update

Dear Ms. Stephens:

Carollo has carefully reviewed the requirements of the SSLOCSO Request for Proposals for Pretreatment Ordinance Update, as well as information and data from our research and similar experience. Based on this, we have prepared an estimated fee for services, presented separately in a sealed envelope.

We would like to emphasize that this estimate is based on our current understanding of the scope of work. If selected, it is anticipated that the scope of work and fee estimate will be further refined during negotiations to meet the specific budget requirements and particular project needs of the SSLOCSO. As with the proposal, our Lump Sum Fee Estimate of \$43,000 remains in effect for 90 days from the date of this letter. Carollo Engineers remains committed to meeting your needs in completing this important project.

If you have any questions or need additional information, please do not hesitate to call us at 559.436.6616.

Sincerely,

CAROLLO ENGINEERS, INC.

Louis J. Carella, P.E.
Executive Vice President

LJC/PLC:cjp

Enclosures: Fee Estimate

Penny Carlo, P.E.
Associate

San Luis Obispo County Sanitation District Pretreatment Ordinance Update

May 22, 2012

Fee Estimate

Task No.	Description	SP	LPP	PP	ST	DP	Total Hours	Direct Labor Cost	Expenses (printing, mileage, etc.)	PECE expenses	TOTALS
1	Kickoff Meeting with District staff and District Engr	7	18			2	27	\$5,314	\$192	\$257	\$5,773
2	Ordinance Revisions (drafts)	1	10	40		5	56	\$8,838	\$100	\$554	\$9,492
3	Review Meeting with District staff and District Engr	1	18			2	21	\$3,886	\$192	\$208	\$4,286
4	Meeting with Member Agencies, Ind & Comm	8	22		3	2	35	\$6,755	\$192	\$347	\$7,294
5	Dischargers (ppt)	8	18			2	28	\$5,552	\$192	\$277	\$6,021
6	Board of Directors meeting to review draft (ppt)	1	5	8		1	16	\$2,726	\$0	\$158	\$2,884
7	Ordinance Revisions (final)	2	20			4	26	\$4,700	\$192	\$257	\$5,149
8	Board of Directors meeting - final ordinance (ppt)	2	8			10	10	\$2,012	\$0	\$99	\$2,111
	Project Management	30	120	48	3	18	219	\$39,783	\$1,060	\$2,168	\$43,011
	Subtotal Engineer's Services	\$235	\$192	\$155	\$145	\$96					
	Fee Schedule	\$7,140	\$23,040	\$7,440	\$435	\$1,728					
	Direct Labor Costs										

Total Cost \$43,011

Lump Sum \$43,000

SP = Senior Professional, Dave Stringfield/Lou Carella
LPP = Lead Project Professional, Penny Carlo
PP = Project Professional, Nicola Fontaine
ST = Senior Technician
DP = Document Processing
PECE = Project Equipment and Communication Expense

May 22, 2012

Ms. Eileen Stephens, Project Manager
Wallace Group, SSLOCSO, District Engineer
Public Works Administration
612 Clarion Court
San Luis Obispo, CA 93401

Subject: Proposal for Professional Services for the South San Luis Obispo County Sanitation District
Pretreatment Ordinance Update

Dear Ms. Stephens:

The South San Luis Obispo County Sanitation District is prudently taking steps to strengthen its pretreatment ordinance to implement and enforce local, state, and federal requirements. Currently, not all industries are compliant with their discharge permit requirements, and some have refused access for District inspections. There have been anomalies at the wastewater treatment plant and the District has not been able to pinpoint the source. A strong and defensible pretreatment ordinance is needed to protect the District's infrastructure, biosolids, effluent, and the health and safety of employees working in the system.

Carollo has assembled an exceptional team specifically to address your concerns and guide you toward the successful adoption of a new pretreatment ordinance. Our team will be led by project manager, Penny Carlo, and principal-in-charge, Lou Carella. They will be assisted by David Stringfield and Nicola Fontaine.

Penny Carlo is the project manager for our recent ordinance updates for the cities of Tulare and Bakersfield. She is skilled at reviewing ordinance changes with clients and legal counsel, to assure all parties understand the changes and how they will affect day-to-day implementation and enforcement. Penny is also an effective communicator and successful at gaining industrial support.

Our recent ordinance work for the cities of Tulare and Bakersfield brings several specific benefits to your project. In January, Penny and David led a successful workshop with Tulare industries prior to the City's formal public hearings. The ordinance was passed unanimously by City Council, and there were no challenges from the local businesses. Penny is now redlining the Tulare's industrial permits to bring them up-to-date with the new ordinance. For your project, she will bring to the table this type of practical knowledge – direct experience putting the ordinance to use. For Bakersfield, Penny led several conferences with the client and two city attorneys to facilitate review of ordinance changes. She is currently assisting the City develop their outreach strategy. This type of close coordination will be the key to smooth development of your ordinance prior to public involvement.

Lou Carella and David Stringfield have worked with most of the wastewater agencies in the county over the last 20 years. They understand how to connect the dots between source control, wastewater treatment, regulatory compliance, salt management, reuse, and water supply. In addition, Penny, David, and Lou have all worked with agencies, the public, and regulators to help develop various ordinances addressing wastewater treatment and/or water supply issues.

Ms. Eileen Stephens, Project Manager
Wallace Group, SSLOCSD, District Engineer
Public Works Administration
May 22, 2012
Page 2

We are mindful of the benefits of a strong pretreatment program in maximizing options for beneficial reuse of effluent and biosolids. We recognize that water recycling will be a vital component to meeting the district's water demands. Our experience with salinity source control will also help protect the viability of water reuse. A strong and fully defensible pretreatment ordinance is necessary to protect this valuable resource. Our team has the ability to bring together stakeholders with highly variable opinions to develop an ordinance that will support economic development while protecting the recycled water quality and other short and long-term interests of the district and its member agencies.

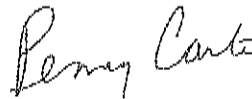
Mr. Carella is authorized to bind our firm. This proposal and the separately submitted fee estimate shall remain valid for 90 days from the date of this letter. Thank you for the opportunity to submit on this important project.

Sincerely,

CAROLLO ENGINEERS, INC.



Louis J. Carella, P.E.
Executive Vice President



Penny Carlo, P.E.
Associate

LJC/PLC:cjp

Enclosures: Proposal (3)

Qualifications

Experience

Project Team

Scope of Services

Schedule

Cost Summary

Appendix

Resumes

Carollo's experience in industrial pretreatment is unmatched. We have assisted many cities with various levels of need, from very specific issues to developing and implementing new programs from scratch. We know how to work effectively with industries to gain their support of pretreatment changes to new limits that will impact them. We also know what it takes to get a project approved by the regulators.

We have recently updated ordinances for the cities of Bakersfield and Tulare to address EPA's streamlining requirements and local program changes.

We have completed local limits evaluations in four states, involving three EPA regions, two California RWQCB regions, and two contract reviewers (Tetra Tech and Monitoring and Management Services). A summary of relevant projects is provided below. We have developed staffing, monitoring, and funding programs for several cities. We have trained industries on their new self-monitoring requirements.

The pages that follow provide details for several key projects with challenges similar to those facing your District. We invite you to contact the references we have provided. They will attest to the quality and responsiveness of our services and team.

Select Industrial Pretreatment Experience										
Project	MGD	Local Limits	Ordinance Review	Enforcement Measure Plan	Industry Permit	Staffing Monitoring Expense	Sampling Program	SII Monitoring	EPA 2004 Guidance Manual	Industrial Waste Survey
City of Bakersfield, CA - Plant 2 Industrial Pretreatment Program Assistance	16	*	*	*			*	*		
City of Bakersfield, CA - Plant 3 Industrial Pretreatment Program Assistance	14	*	*	*			*	*		
City of Elko, NV - Pretreatment Program Development	5	*	*			*	*			*
City of Exeter, CA - Industrial Pretreatment Program Assistance	2		*		*					
City of Fresno, CA - Local Limits Sampling Program	70						*			*
City of Hanford, CA - Industrial Pretreatment Program Development	5.5	*	*	*	*	*	*	*		*
Kern Sanitation Authority, CA - Industrial Pretreatment Program Development	5	*	*	*	*	*	*	*		*
City of Oceanside, CA - La Salina WWTP Local Limits Evaluation	28	*							*	
City of Reedley, CA - Industrial Pretreatment Program Development	5	*	*	*	*	*	*	*	*	*
City of Tulare, CA - Domestic Plant Pretreatment Program Development	7	*	*	*	*	*	*	*	*	*
City of Tulare, CA - Industrial Plant Pretreatment Program Development	4.5	*	*	*	*	*	*	*	*	*
City of Wasco, CA - Pretreatment Ordinance	5		*						*	
City of Yuma, AZ - Desert Dunes WRF Local Limits Evaluation	1.2	*					*		*	
City of Yuma, AZ - Figueroa WPCF Local Limits Evaluation	7.5	*							*	
City of Visalia, CA - Water Conservation Plan Pretreatment Assistance	16	*								
Cutter-Gross Joint Power Authority	1	*								

SPECIFIC RELATED EXPERIENCE AND PROJECT REFERENCES



City of Tulare,
California

Industrial Pretreatment Program Modifications (2011/2012)

Carollo is currently assisting the City of Tulare with several pretreatment program updates mandated by a recent EPA and RWQCB inspection. Carollo updated the pretreatment ordinance to include EPA's 2005 Streamlining regulations, a FOG control program, and changes to two local limits (pH and EC). The lower limit for pH was reduced to 5.0 (from 6.0) and the EC limit (source water + 500 umhos/cm) was modified to include a 4.0 umhos/cm credit per mg/L of ammonia-N and nitrate-N. Tulare's milk processing plants occasionally discharge acidic wastewater, and because of their stringent EC limit, the industries have been reluctant to add more chemicals to raise the pH to bring the discharge into compliance. The EC credit will encourage industries to use nitric acid and aqua ammonia for pH control. The nitrate and ammonia exert a significant EC, yet are removed by during treatment at Industrial WWTP, thus eliminating the source of EC in the WWTP effluent. Carollo developed this unique approach to address a significant industrial issue in Tulare. On January 17, 2012, Carollo presented the proposed ordinance changes to the Tulare industries. This involved a powerpoint presentation highlighting the streamlining changes that would affect the industries, and the explanation of the pH and EC strategy. The industries are supportive of the changes. Carollo developed a technical report evaluating the WWTP capacity for the additional ammonia loadings to justify the new policy. In a separate report, Carollo evaluated the need for BOD₅ and TSS local limits, and concluded those were not necessary. The reports will be submitted to the RWQCB along with the ordinance to demonstrate the changes are technically justified.

Carollo also updated the Industrial Waste Survey. Beginning in early December, 2011, a master list of 2500 businesses was screened down to approximately 400. Carollo contacted the 400 businesses by telephone to gather the survey information. The draft report was delivered to the City on January 31, 2012.

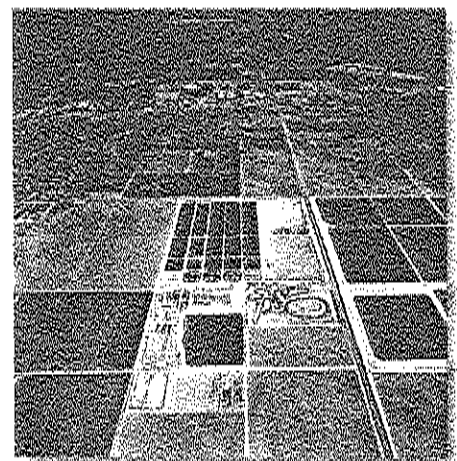
Prior to this work, Carollo developed Tulare's full pretreatment program in 2003. Anticipating a Cease and Desist Order (CDO) from the State, Tulare retained Carollo to develop a formal Industrial Pretreatment Program (IPP) to control the discharge of industrial pollutants, especially salts.

Owner / Reference: Mr. Lew Nelson, Public Works Director, 559-684-4318

Team Members: Penny Carlo, David Stringfield, Nicola Fontaine

Highlights:

- Updated Ordinance to include streamlining, FOG Control, and changes to pH and EC local limits (2011-2012). Council approval February 21, 2012.
- Successful outreach meeting with Industries (January 2012).
- Fast track Industrial Waste Survey (Dec 2011 – Jan 2012)
- Development and implementation of entire formal pretreatment program in 2003.
- Developed local limits for 19 constituents for two separate treatment facilities with a combined effluent.
- Bimonthly meetings with industries during a year-long project.
- Carollo organized and managed a seven-day sampling program for the two treatment plants, four domestic sewer sites, and the ten SIUs. The sampling plan included detailed procedures for the field crew, field logs, and coordinating logistics for the contract laboratory to handle the daily sample deliveries, compositing, and sampler bottle cleaning and turnaround. Carollo also trained city staff prior to kickoff of the program.
- Carollo assisted Tulare in implementing the new compliance monitoring and enforcement procedures, including training the industries in new self-monitoring requirements, developing procedures and monitoring / reporting templates, and developing a fine policy and fine escalation schedule
- During development of local limits Carollo identified two pollutants, besides electrical conductivity, that were significant issues for Tulare's industries: (1) molybdenum, which threatened biosolids quality, and (2) pH, which had the potential to cause sewer corrosion problems. Acidic wastes were discharged by several industries. Carollo identified the source of the molybdenum (cooling tower additive) and worked with Tulare and the industries to increase awareness of these pollutants and implement source control prior to completing the IPP.





City of Bakersfield, California

Ordinance Update (2012) and Ongoing Industrial Pretreatment Program Assistance

Carollo is currently updating the pretreatment ordinance for the City of Bakersfield. Following a face-to-face meeting with the WWTP staff and the City's attorney, Carollo developed two redlined versions for consideration by the City. The first included EPA's required streamlining changes and several of the optional streamlining changes, plus other optional changes to incorporate various sections of EPA's 2007 model ordinance. The second version included only the minimum requirements per the streamlining regulations. Carollo also completed the EPA legal authority checklist to help facilitate discussion and review of the changes.

Prior to this work, Carollo has assisted the City of Bakersfield with many aspects of its Industrial Pretreatment Program for Plants 2 and 3 since 1991. Carollo is currently assisting the City with the streamlining updates to their pretreatment ordinance.

Since initially calculating limits for cyanide, phenol, dissolved sulfides, and TDS, Carollo has conducted several updates or reviews of Bakersfield's local limits. In 2003, Carollo performed an independent review of local limits that were developed by Bakersfield for its two treatment plants. Carollo reviewed all calculations, safety factors, effluent criteria, flow data, and assumptions, and used the State's checklist to document the review.

Work has also included evaluating oil and grease analytical methods, evaluating the wastewater quality of two oil refineries (40 CFR 419) to determine potential impacts on Bakersfield's treatment plants, and assisting Bakersfield in responding to an SIU request for a variance to the TDS local limit.

Carollo developed an allocation of a portion of the allowable industrial TDS loading to two future users. Justification of the allocation was based on confirming that current user allocations would not be impacted.

Developed annual pretreatment fees and permit application fees based on City budgetary needs and a 16-city survey; established monetary penalties for violations.

Owner / Reference: Mr. Louis Sun, Wastewater Manager, 661-326-2723

Team Members: Penny Carlo, David Stringfield, Nicola Fontaine

Highlights:

- Streamlining updates to ordinance currently under review.
- Calculated local limits for two separate treatment facilities, including cyanide, phenol, sulfide, and TDS.
- Compared capacities of the two treatment plants to handle potential discharge from an oil refinery. Constituents of concern were TDS and selenium.
- Performed an independent review of local limits derived by Bakersfield staff to determine defensibility.
- Developed annual pretreatment fees and permit application fees.





Cutler-Orosi Joint Powers Wastewater Authority, California

Sewer Use Ordinance Update (2010)

The Cutler-Orosi Joint Powers Wastewater Authority operates a wastewater treatment facility (WWTF) in northeastern Tulare County. The facility serves the unincorporated communities of Cutler, Orosi, East Orosi, Yettam, Sevelle, and Sultana. Wastewater flows are approximately 1.3 mgd.

In response to a new NPDES permit that required the JPWA ensure they had adequate pretreatment legal authority, Carollo was hired to review and update the sewer use ordinances for the service areas. The communities of Cutler and Orosi have individual sewer use ordinances, however they share a significant amount of common language. At the onset of the project, it was agreed to modify one ordinance and establish an approved template prior to modifying the second ordinance.

Using the Cutler ordinance as the template, Carollo incorporated appropriate pretreatment language using the EPA checklist and EPA's Model Pretreatment Ordinance as guides. Given the small size of the WWTF (less than 5.0 mgd design capacity), the JPWA is not required to have a formally approved pretreatment program. Therefore, Carollo used discretion in recommending new language, balancing the district's needs to strengthen its legal authority while choosing not to incorporate some pretreatment program elements that were not applicable. Carollo also restructured the ordinance to improve its general outline and organization.

Owner / Reference: Mr. Leonard Encinas, Plant Manager, 559-528-2504

Team Members: Penny Carlo, David Stringfield

Highlights:

- District with multiple member agencies and two separate sewer ordinances.
- Small treatment facility without a formally approved industrial pretreatment program.



PROJECT TEAM

Carollo has assembled the ideal team for your pretreatment ordinance update. We have a strong desire to complete this project for you and are committed to making the ordinance update a success. Success will be defined by developing an ordinance that will be acceptable to and defensible by the District, and accepted by local businesses. We know that first-hand, from years of experience with industry outreach and particularly from our current work with Tulare. Penny, Nicola, and David have just completed Tulare's ordinance update and several pretreatment modifications. Following a successful industry outreach meeting and Council hearing, the new ordinance was adopted on March 6, 2012.

Our team has unique depth of experience in updating pretreatment ordinances. This assures continuity. David and Penny have worked together for over 20 years developing and implementing all aspects of EPA's pretreatment program.

All resumes are included at the end of this proposal.

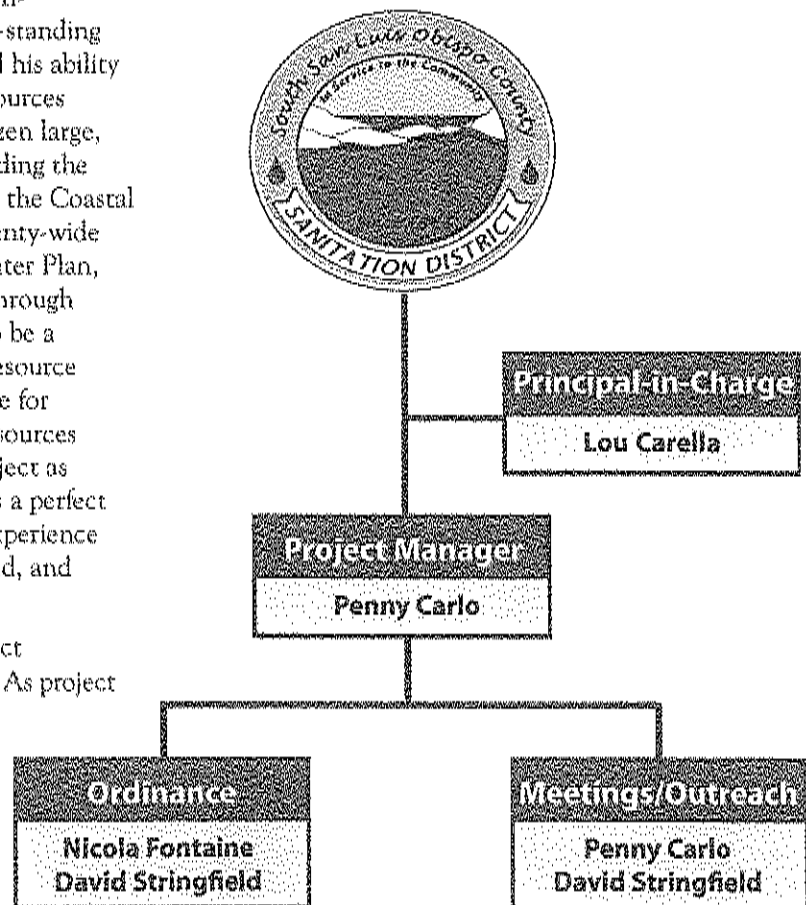
Lou Carella, P.E., will serve as principal-in-charge on this project because of his long-standing relationships throughout SLO county and his ability to successfully address complex water resources issues. Lou has worked on over a half-dozen large, multi-agency projects in the county including the Lopez Dam Seismic Remediation Project, the Coastal Aqueduct pipeline to Morro Bay, the County-wide storm water study, the County Master Water Plan, and the Los Osos Wastewater Project. Through these experiences Lou has learned how to be a communication and team management resource to County agencies and will be responsible for committing and delivering the Carollo resources required to successfully complete this project as well. Lou's unique principal experience is a perfect complement to the technical skills and experience being brought to the table by Penny, David, and Nicola.

Penny Carlo, P.E., is an experienced project manager with over 20 years of experience. As project manager, Penny will be responsible for coordination, communication, development and execution of the work. She will conduct all project meetings and make all formal presentations. She will work directly

with team members and District staff to maintain project focus and compliance with the schedule and budget. She has updated many pretreatment ordinances and is experienced in incorporating EPA's streamlining regulations. She is the project manager for our current ordinance updates for Tulare and Bakersfield.

Penny knows what it takes to develop a successful project—from a technical standpoint, as well as from a public acceptance and implementation standpoint. She is skilled at reviewing ordinance changes with clients and legal counsel to assure all parties understand the changes and how the changes will affect their day-to-day implementation and enforcement.

Looking beyond this project, Penny is well qualified to assist the District with other potential pretreatment program projects. Penny has developed local limits for many agencies. She has developed several formal pretreatment programs from scratch; including staffing/monitoring/funding plans to assure her clients have the necessary resources to carry out their new pretreatment programs.



Nicola Fontaine, P.E., will assist Penny in preparing the red lines of the ordinance. Having just completed the Tulare ordinance update in January, the details of the 403 regulations and the Model Ordinance are still at Nicola's fingertips. Nicola will also log the changes into the EPA checklist – this is a useful tool to help focus your reviews. Nicola is efficient and meticulous, and will be an asset to your program.

David Stringfield, P.E., will provide technical support as needed and assist Penny with meeting and outreach. Dave brings a wealth of knowledge and depth to our team for this project and any potential future pretreatment projects for the District.

David completed the Preliminary Design Report Peer Review for SSLOCSD in December 2009, and a subsequent power analysis for the viable alternatives in March 2010. SSLOCSD hired Carollo for the peer review of the findings made in two previous reports prepared by Kennedy Jenks Consultants (KJ) regarding construction of additional secondary treatment

facilities at the WWTP. The 2005 report recommended an activated sludge process. This recommendation was further developed in a 2008 report with revised cost estimates. Carollo's scope of work included:

- Cost estimate validation
- Design criteria review
- Development of structural evaluations and replacements scheduling
- Alternative analysis

Carollo was selected to perform the work because of our intimate knowledge of wastewater treatment plant expansions in the area, including the highly successful Pismo Beach and CMC WWTPs and our planning work for Morro Bay. This Peer Review project gave David a firm foundation on the SSLOCSD WWTP. His knowledge will be an asset to this ordinance project - particularly in local outreach.

Carollo will update the District's pretreatment ordinance (1994-1) to address the Federal Pretreatment Regulations (40 CFR 403), Pretreatment Standards under Sections 307(b), 307(c), and 307(d) of the Clean Water Act, and the enforcement of National Pretreatment Standards in accordance with 40 CFR 403.5 and 403.6.

The scope for the ordinance update is as follows:

- Meet with District Staff and District Engineer Personnel for a Project kickoff meeting;
- Review the existing Ordinance from 1994 and evaluate compliance with pertinent regulations, and District permits, including the EPA model;
- Update existing sections to meet current regulations, and make further recommendations for potential regulatory changes that will affect the District;
- Add any new section(s) as required, using the EPA Model Pretreatment Ordinance, dated January 2007 as a guide;
- Meet with District Staff and District Engineer Personnel to discuss the draft ordinance;
- Attend one (1) Board of Directors meeting to present the draft ordinance;
- Incorporate comments into public draft;
- Prepare and conduct one (1) separate informational meeting with the District Member Agencies, Industrial and Commercial Users, and the SSLOCSD Board of Directors;
- Evaluate and respond to District and agency comments and revise the draft ordinance as required;
- Prepare the final Pretreatment Ordinance and present at a SSLOCSD Board of Directors Meeting for approval.

The scope does not include services to develop new local limits, monetary fines, cost recovery fees, or other industrial compliance or permit-related fees.

Deliverables:

- Agendas, presentation, handouts, and meeting notes from all project meetings; powerpoint presentations for three (3) meetings;
- One (1) initial and two (2) subsequent revised drafts of the Pretreatment Ordinance;
- After comments are incorporated, a final copy shall be provided electronically, and one (1) bound and one (1) unbound copies of the final, draft Pretreatment Ordinance;
- Submit all supporting technical data used for Pretreatment Ordinance preparation.

All documents will be turned over to the SSLOCSD in paper and electronic form upon completion of the work. Electronic formats shall be compatible with Microsoft Office Word Version 2010. All documentation, reports, notes, and other data generated as part of the service by the consultant or its subconsultants for this project shall be the property of the SSLOCSD and will be submitted in a format acceptable to the District.

SCHEDULE

The table below presents our preliminary schedule for the ordinance revision. We anticipate the work will take 16 weeks from the notice-to-proceed. The actual duration will depend on how the timing aligns with the established dates for District board meetings on the first and third Wednesdays.

Schedule	
Item	Weeks Following Kickoff Meeting
Project Kickoff Meeting with District Staff and District Engineer	--
Project Start	1
First Draft Pretreatment Ordinance	5
Review Meeting with District Staff and District Engineer	5
Second Draft Pretreatment Ordinance	7
Discussion Meeting with Regulator Agencies, Industrial, and Commercial Users	9
Third Draft Pretreatment Ordinance	12
SSLOCS Board Meeting	13
Final Pretreatment Ordinance	14
SSLOCS Board Meeting (Presentation for Approval of Final Ordinance)	15

COST SUMMARY

Our proposed basis for fees and charges, and billing rates of individuals that will conduct the work are provided in the separate sealed envelope accompanying this proposal. We will estimate the lump sum amount based on the following hourly fee schedule.

Hourly Fee Schedule	
Item	\$/hour
Senior Professional; Lou Carella, David Stringfield	\$238
Lead Project Professional; Penny Davis	\$192
Project Professional; Nicola Fontaine	\$155
Senior Engineer	\$145
Document Processing	\$96
Project Equipment and Communications Expense (PECE)	\$9.90



SOUTH SAN LUIS OBISPO COUNTY SANITATION DISTRICT

Post Office Box 339 Oceano, California 93475-0339

1600 Aloha Oceano, California 93445-9735

Telephone (805) 489-6666 FAX (805) 489-2765

<http://ssloesd.org/>

Staff Report

To: Board of Directors
From: Bob Barlogio, Plant Superintendent
Via: John Wallace, District Administrator
Date: June 6, 2012
Subject: Six-inch Plug Valves

Recommendation:

Staff recommends the Board approve the purchase of four six-inch plug valves from Ferguson Enterprises for \$3,805.23.

Funding:

The FY 2011-12 Budget includes \$65,000 for account 19-8030 - Equipment Maintenance & Minor Replacement. To date, \$65,392 has been expended in this account. If this purchase is approved, this account will be \$4,197 over budget. It is anticipated that account 19-8032 - Automotive Maintenance will be \$4,183 under budget for FY 2011-12. It is recommended that \$4,183 be transferred from account 19-8032 to 19-8030 to accommodate this purchase as part of the final budget considerations.

Discussion:

We used all eight of the six-inch plug valves purchased in April of this year. (A couple of the valves we didn't think needed to be changed did not seal.) As we start working on the No. 2 primary clarifier pump station, we feel that we need to replace 3 to 4 valves for the standby sludge pump. The valves we will be changing out are frozen open or closed, or are stiff to operate.



South San Luis Obispo County Sanitation District

Ship to Address:
1600 Aloha Place
Oceano, CA. 93445
(805)489-6666

Bill to Address:
P.O. Box 339
Oceano, CA. 93445
(805)481-6903

Purchase Requisition

Date: JUN 6, 2012

Item Description: 6 inch plug valves, quantity of 4

Supplier: Ferguson
USA Bluebook
Northwest Pipe Fittings

Cost: 3805.23
4175.29
6048.26

Additional Information: plug valves for primary #2 pump station

Submitted by: _____

Bob Barlogio

From: Stephen.Geis@Ferguson.com
Sent: Monday, May 21, 2012 1:47 PM
To: Bob Barlogio
Subject: FW: Email Bid# B453825

Hey Bob,

Sorry I forgot to send you this quote. They are the same price as before however there is a little bit of freight on these.

Thanks and let me know...

Stephen Geis
stephen.geis@ferguson.com
Outside Waterworks Sales
Ferguson Enterprises, Inc.
4546 Broad St.
San Luis Obispo, Ca 93401
Ph (805) 594-5380 Fax (805) 594-5389
Cell (805) 431-3769

From: Stephen Geis - 1350 SOCAL [<mailto:aac0058-tril@ferguson.com>]
Sent: Monday, May 21, 2012 1:45 PM
To: Geis, Stephen [Ferguson] - 1350 Socal Admin
Subject: Email Bid# B453825

Price Quotation # B453825

FERGUSON ENTERPRISES, INC #632

4546 BROAD STREET
SAN LUIS OBISPO, CA 93401

Phone : 805-541-8401
Fax : 805-546-8264

Bid No.....: B453825
Bid Date....: 05/21/12
Quoted By: SGX
Customer.: COUNTY OF SAN LUIS OBISPO
++++SANITATION++++
PO BOX 339
OCEANO, CA 93445

Cust Phone: 805-781-5562
Terms.....: NET 10TH PROX
Ship To.....: COUNTY OF SAN LUIS OBISPO
++++SANITATION++++
PO BOX 339
OCEANO, CA 93445

Cust PO#..:

Job Name.:

Item	Description	Quantity	Net Price	UM	Total
SP-DPECFICINBR CR	6 ECC FLG PLUG VLV 125/150#	4	862.000	EA	3448.00

Subtotal: \$3448.00
Inbound Freight: \$100.00
Tax: \$257.23
Order Total: \$3805.23

Welcome: [Guest](#) | [My Account](#) | [Login](#)

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6" MJ AWWA Plug Valve with Worm Gear and 2" Nut

 E-mail this product to a friend

- Round port plug for improved flow and solids passage
- Flow control for raw sewage slurries sludge and sewage gas

Item: 36144

Weight: 185.0 lbs

Catalog Price: ~~\$949.95~~

Quantity: [Add to Cart](#) [Add to Wish List](#)

Eco-Centric plug valves minimize energy consumption by offering higher Cv values and lower head loss than traditional rectangular port designs. As a result they lessen the environmental impact of pumping and save energy costs.

Valves feature an interior and exterior NSF-approved epoxy coating for excellent corrosion resistance. All valves conform to AWWA C517 specifications.



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 What is this?



Mueller Valves

Resilient Wedge Gate Valves

- Triple o-ring stem seals
- Forged bronze stem and thrust collar
- Bronze stem nut
- Polymer wedge guide bearing caps
- Oversized, full port opening, smooth waterway
- Pro-Gard™ epoxy coating system
- Integral legs
- UL Listed, complies AWWA C509
- Approved by Factory Mutual Corp



NRS Non Rising Stem (Fig x Fig)

- With handwheel

Part #	Mfg #	Description	Price
214-1750	A2360-6	4"	975.94
214-1752	A2360-6	6"	1304.62
214-1754	A2360-6	8"	2038.71

NRS with 9020 316SS Bolts (MJ x Fig)

- Iron body w/Pro-Gard™ Fusion Epoxy Coated interior and exterior surfaces
- Iron wedge, symmetrical & fully encapsulated w/molded rubber
- No exposed iron
- 4" to 12" Sizes
- Triple O-ring seal stuffing box
- 2" Square wrench nut - open left or open right
- UL Listed, FM approved



Part #	Mfg #	Description	Price
214-1860	A2360-19-9020	4" L/Accessories w/SS Bolts	939.78
214-1861	A2360-19-9020	6" L/Accessories w/SS Bolts	1256.32
214-1862	A2360-19-9020	8" L/Accessories w/SS Bolts	1963.18

NRS Less Gland Pak with 9020 316SS Bolts (MJ x MJ)

- Iron body w/Pro-Gard™ Fusion Epoxy Coated interior and exterior surfaces
- Iron wedge, symmetrical & fully encapsulated w/molded rubber
- No exposed iron
- 2" to 12" Sizes
- Triple O-ring seal stuffing box
- 2" Square wrench nut - open left or open right
- UL Listed, FM approved



Part #	Mfg #	Description	Price
214-3060	A2360-23-9020	3" L/Accessories w/SS Bolts	881.46
214-3061	A2360-23-9020	4" L/Accessories w/SS Bolts	984.96
214-3062	A2360-23-9020	6" L/Accessories w/SS Bolts	1256.32
214-3063	A2360-23-9020	8" L/Accessories w/SS Bolts	2000.90

Mueller Valves

Resilient Wedge Gate Valves

NRS Less Gland Pak with 9020 316SS Bolts (MJ x MJ) (Continued)

Part #	Mfg #	Description	Price
214-3064	A2360-23-9020	10" L/Accessories w/SS Bolts	3119.79
214-3065	A2360-23-9020	12" L/Accessories w/SS Bolts	3947.67

NRS Non Rising Stem (Radial x Radial)

- Iron body w/Pro-Gard™ Fusion Epoxy Coated interior and exterior surfaces
- Iron wedge, symmetrical & fully encapsulated w/molded rubber
- No exposed iron
- 2" to 8" Sizes
- Triple O-ring seal stuffing box
- 2" Square wrench nut - open left or open right
- UL Listed, FM approved



Part #	Mfg #	Description	Price
214-3608	A2360-37	2" PVC	640.42
214-3624	A2360-37	3" PVC	936.21
214-3632	A2360-37	4" PVC	1071.12
214-3640	A2360-37	6" PVC	1386.54

Fire Protection Resilient Wedge Gate Valves

- Indicator post style stuffing box
- Triple o-ring stem seals
- 2" Square operating nut
- Forged bronze stem and thrust collar
- Bronze stem nut
- Parallel seats
- Polymer wedge guide bearing caps
- Oversized, full port opening, smooth waterway
- Pro-Gard™ epoxy coating system
- Integral legs
- UL Listed, complies AWWA C509
- Approved by Factory Mutual Corp

UL/FM Position Indicator Style (Fig x Fig)



Part #	Mfg #	Description	Price
214-1670	P-2360-6	4"	870.20
214-1672	P-2360-6	6"	1356.12

INDEPENDENT WHOLESALE DISTRIBUTOR



SOUTH SAN LUIS OBISPO COUNTY SANITATION DISTRICT


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1600 Aloha Oceano, California 93445-9735

Telephone (805) 489-6666 FAX (805) 489-2765

<http://sslocsd.org/>

Staff Report

To: Board of Directors
From: John Wallace, District Administrator 
Date: June 6, 2012
Subject: Member Agency Agreement for FOG Program

Recommendation:

Staff recommends the Board approve in form the attached Member Agency (MA) Agreement regarding the program management and the administration of the Fats, Oils, and Grease (FOG) Control Program and direct Staff to coordinate it's processing with the Member Agencies.

Funding:

All costs for SSLOCSD services associated with the FOG program are reimbursed by the Member Agencies (MAs). Any fees collected for violations by food service establishments (FSEs) within Member Agencies will be credited against District costs.

Discussion:

This program was developed for the enforcement of South San Luis Obispo County Sanitation District's (SSLOCSD) FOG Ordinance and Resolution 2011-295. At the February 15, 2012 Board of Directors Meeting, the Board was provided three options for how to continue with the management of the FOG Control Program:

1. The MAs contract FOG program management to the District. (Status Quo)
2. The MAs individually contract FOG program management to a qualified consultant.
3. The MAs do not contract FOG program management and maintain the program within each agency.

Your Board, as well as the MA Staff participating in the Collection System Coordination Committee, prefers to maintain the status quo for Program Management of the MA agreement. Therefore, the MAs will need to continue to contract with the District for the FOG program management. If your Board approves the form of the attached agreement, the Staff will proceed to coordinate MA approval. Staff will return with the final agreement after execution by all Member Agencies.

Attached is an excerpt from the Statewide General Waste Discharge Requirements for Sanitary Sewer Systems issued by the State Water Resources Control Board, Order No. 2006-0003-DWQ, which requires the MAs to manage and implement FOG Control Programs.

**MEMBER AGENCY AGREEMENT IN REGARDS TO
COMPLIANCE WITH
STATEWIDE GENERAL WASTE DISCHARGE REQUIREMENTS
FOR SANITARY SEWER SYSTEMS
STATE WATER RESOURCES CONTROL BOARD
ORDERS 2006-0003-DWQ and 2008-0002-EXEC**

This Agreement reached this _____ day of _____, 2010 between the **SOUTH SAN LUIS OBISPO COUNTY SANITATION DISTRICT** and the **CITY OF ARROYO GRANDE**, the **CITY OF GROVER BEACH** and the **OCEANO COMMUNITY SERVICES DISTRICT**.

WHEREAS, the **SOUTH SAN LUIS OBISPO COUNTY SANITATION DISTRICT** (DISTRICT) service area encompasses the cities of Arroyo Grande and Grover Beach and the Oceano Community Services District (MEMBER AGENCIES); and,

WHEREAS, the DISTRICT provides wastewater treatment services for the residents of these MEMBER AGENCIES; and,

WHEREAS, the **STATE WATER RESOURCES CONTROL BOARD** (SWRCB) has adopted waste discharge requirements for the MEMBER AGENCIES; and,

WHEREAS, amongst those waste discharge requirements is the development and implementation of a Sewer System Management Plan (SSMP) for each MEMBER AGENCY; and,

WHEREAS, a Fats, Oils, and Grease (FOG) control program and SSMP program audits are mandatory elements of the SSMP; and,

WHEREAS, SSMP program audits consist of biennial audits on the effectiveness of and compliance with the SSMP, and the preparation of an audit report to be kept on file; and,

WHEREAS, the DISTRICT has experience in the development and implementation of FOG control programs, program audits, and report preparation; and,

WHEREAS, it is recognized there would be cost savings due to the DISTRICT'S experience in the development and implementation of FOG control programs, and it is further recognized there would be a cost savings achieved were the DISTRICT to perform the SSMP program audits and prepare the reports for the MEMBER AGENCIES.

NOW, THEREFORE, it is agreed by and between the parties hereto in regards to compliance with State Water Resources Control Board Orders 2006-0003-DWQ and 2008-0002-EXEC (State Board Orders, attached as Exhibit A) as follows:

1. The DISTRICT will continue to develop and implement a FOG control program for each MEMBER AGENCY.

2. The DISTRICT will inspect food service establishments as required in each Agencies SSMP.
3. The MEMBER AGENCIES will collect non-compliance fees in the amount adopted by resolution by the District. FOG non-compliance fees will be used to offset the costs of the FOG Program to the MEMBER AGENCIES.
4. The DISTRICT will report inspection findings to each MEMBER AGENCY at the beginning of each month.
5. The DISTRICT will perform SSMP program audits and prepare a report for the files of each MEMBER AGENCY as directed by the State Board Orders. The report will include the status of the FOG control program inspections and overall effectiveness of and compliance with the SSMP for each MEMBER AGENCY.
6. Each MEMBER AGENCY agrees that it is responsible for all other compliance requirements imposed by the State Board Orders, copies of which are attached hereto as Exhibit A and incorporated by reference.
7. Each MEMBER AGENCY is responsible for the District's actual cost in administering the FOG control program, inspections, SSMP support, SSMP program audits and report preparation described in this Agreement. It is anticipated that in FY 2010-11 and FY 2011-12 the District will be reimbursed by each MEMBER AGENCY for it's pro rata cost based upon the number of facilities in the program as described in this Agreement in the amount not to exceed the costs outline below. In subsequent years, if the Agreement is extended, the cost will continue to be prorated based on the number of facilities inspected that year.

FY 2012-13

Member Agency	FOG Facilities Included	FOG Program Hours	SSMP Hours	Estimated FOG and SSMP Program Hours	Estimated Annual Program Costs
City of Arroyo Grande	54	154	48	202	\$ 18,000
City of Grover Beach	54	154	48	202	\$ 18,000
Oceano Community Services District	16	49	48	97	\$ 9,000
Estimated Facilities and Hours	124	357	144	Estimated FOG and SSMP Program Hours	\$ 45,000

FY 2013-14

Member Agency	FOG Facilities Included	FOG Program Hours	*SSMP Hours	Estimated FOG and SSMP Program Hours	Estimated Annual Program Costs
City of Arroyo Grande	54	154	78	232	\$ 21,000
City of Grover Beach	54	154	78	232	\$ 21,000
Oceano Community Services District	16	49	78	127	\$ 11,500
Estimated Facilities and Hours	124	357	234	Estimated FOG and SSMP Program Hours	\$53,500

* SSMP Hours are greater than FY 2013-14 due to SSMP biennial audit requirement due this year for all MEMBER AGENCIES

The terms of this agreement shall be for two fiscal years, subject to biennial renewal based on mutual written agreement of the Parties. Program fees are based upon costs incurred by the DISTRICT. The pro rata share of program costs shall be amended every two years.

IN WITNESS WHEREOF, DISTRICT and MEMBER AGENCIES have executed this Agreement the date first written above.

SOUTH SAN LUIS OBISPO SANITARY DISTRICT

By: _____
Bill Nicolls, Chairman

Attest:

By: _____
John L. Wallace, District Administrator

Approved as to Form:

By: _____
Michael Seitz, District Legal Counsel

CITY OF ARROYO GRANDE

By: _____
Tony Ferrara, Mayor Arroyo Grande

Attest:

By: _____
Kelly Wetmore, City Clerk

Approved as to Form:

By: _____
Timothy J. Carmel, City Attorney

CITY OF GROVER BEACH

By: _____
John P. Shoals, Mayor

Attest:

By: _____
Donna L. McMahon, City Clerk

Approved as to Form:

By: _____
Martin D. Koczanowicz, City Attorney

OCEANO COMMUNITY SERVICES DISTRICT

By: _____
Matthew Guerrero, President

Attest:

By: _____
Thomas A. Geaslen, General Manager

Approved as to Form:

By: _____
Molly Thurman, District Legal Counsel

**STATE WATER RESOURCES CONTROL BOARD
ORDER NO. 2006-0003-DWQ**

**STATEWIDE GENERAL WASTE DISCHARGE REQUIREMENTS
FOR
SANITARY SEWER SYSTEMS**

The State Water Resources Control Board, hereinafter referred to as "State Water Board", finds that:

1. All federal and state agencies, municipalities, counties, districts, and other public entities that own or operate sanitary sewer systems greater than one mile in length that collect and/or convey untreated or partially treated wastewater to a publicly owned treatment facility in the State of California are required to comply with the terms of this Order. Such entities are hereinafter referred to as "Enrollees".
2. Sanitary sewer overflows (SSOs) are overflows from sanitary sewer systems of domestic wastewater, as well as industrial and commercial wastewater, depending on the pattern of land uses in the area served by the sanitary sewer system. SSOs often contain high levels of suspended solids, pathogenic organisms, toxic pollutants, nutrients, oxygen-demanding organic compounds, oil and grease and other pollutants. SSOs may cause a public nuisance, particularly when raw untreated wastewater is discharged to areas with high public exposure, such as streets or surface waters used for drinking, fishing, or body contact recreation. SSOs may pollute surface or ground waters, threaten public health, adversely affect aquatic life, and impair the recreational use and aesthetic enjoyment of surface waters.
3. Sanitary sewer systems experience periodic failures resulting in discharges that may affect waters of the state. There are many factors (including factors related to geology, design, construction methods and materials, age of the system, population growth, and system operation and maintenance), which affect the likelihood of an SSO. A proactive approach that requires Enrollees to ensure a system-wide operation, maintenance, and management plan is in place will reduce the number and frequency of SSOs within the state. This approach will in turn decrease the risk to human health and the environment caused by SSOs.
4. Major causes of SSOs include: grease blockages, root blockages, sewer line flood damage, manhole structure failures, vandalism, pump station mechanical failures, power outages, excessive storm or ground water inflow/infiltration, debris blockages, sanitary sewer system age and construction material failures, lack of proper operation and maintenance, insufficient capacity and contractor-caused damages. Many SSOs are preventable with adequate and appropriate facilities, source control measures and operation and maintenance of the sanitary sewer system.

12. In accordance with the California Business and Professions Code sections 6735, 7835, and 7835.1, all engineering and geologic evaluations and judgments shall be performed by or under the direction of registered professionals competent and proficient in the fields pertinent to the required activities. Specific elements of the SSMP that require professional evaluation and judgments shall be prepared by or under the direction of appropriately qualified professionals, and shall bear the professional(s)' signature and stamp.
13. The mandatory elements of the SSMP are specified below. However, if the Enrollee believes that any element of this section is not appropriate or applicable to the Enrollee's sanitary sewer system, the SSMP program does not need to address that element. The Enrollee must justify why that element is not applicable. The SSMP must be approved by the deadlines listed in the SSMP Time Schedule below.

Sewer System Management Plan (SSMP)

- (i) **Goal:** The goal of the SSMP is to provide a plan and schedule to properly manage, operate, and maintain all parts of the sanitary sewer system. This will help reduce and prevent SSOs, as well as mitigate any SSOs that do occur.
- (ii) **Organization:** The SSMP must identify:
 - (a) The name of the responsible or authorized representative as described in Section J of this Order.
 - (b) The names and telephone numbers for management, administrative, and maintenance positions responsible for implementing specific measures in the SSMP program. The SSMP must identify lines of authority through an organization chart or similar document with a narrative explanation; and
 - (c) The chain of communication for reporting SSOs, from receipt of a complaint or other information, including the person responsible for reporting SSOs to the State and Regional Water Board and other agencies if applicable (such as County Health Officer, County Environmental Health Agency, Regional Water Board, and/or State Office of Emergency Services (OES)).



(iii) **Legal Authority:** Each Enrollee must demonstrate, through sanitary sewer system use ordinances, service agreements, or other legally binding procedures, that it possesses the necessary legal authority to:

- (a) Prevent illicit discharges into its sanitary sewer system (examples may include I/I, stormwater, chemical dumping, unauthorized debris and cut roots, etc.);

- (b) Require that sewers and connections be properly designed and constructed;
 - (c) Ensure access for maintenance, inspection, or repairs for portions of the lateral owned or maintained by the Public Agency;
 - (d) Limit the discharge of fats, oils, and grease and other debris that may cause blockages, and
 - (e) Enforce any violation of its sewer ordinances.
- (iv) **Operation and Maintenance Program.** The SSMP must include those elements listed below that are appropriate and applicable to the Enrollee's system:
 - (a) Maintain an up-to-date map of the sanitary sewer system, showing all gravity line segments and manholes, pumping facilities, pressure pipes and valves, and applicable stormwater conveyance facilities;
 - (b) Describe routine preventive operation and maintenance activities by staff and contractors, including a system for scheduling regular maintenance and cleaning of the sanitary sewer system with more frequent cleaning and maintenance targeted at known problem areas. The Preventative Maintenance (PM) program should have a system to document scheduled and conducted activities, such as work orders;
 - (c) Develop a rehabilitation and replacement plan to identify and prioritize system deficiencies and implement short-term and long-term rehabilitation actions to address each deficiency. The program should include regular visual and TV inspections of manholes and sewer pipes, and a system for ranking the condition of sewer pipes and scheduling rehabilitation. Rehabilitation and replacement should focus on sewer pipes that are at risk of collapse or prone to more frequent blockages due to pipe defects. Finally, the rehabilitation and replacement plan should include a capital improvement plan that addresses proper management and protection of the infrastructure assets. The plan shall include a time schedule for implementing the short- and long-term plans plus a schedule for developing the funds needed for the capital improvement plan;
 - (d) Provide training on a regular basis for staff in sanitary sewer system operations and maintenance, and require contractors to be appropriately trained; and

(vii) **FOG Control Program:** Each Enrollee shall evaluate its service area to determine whether a FOG control program is needed. If an Enrollee determines that a FOG program is not needed, the Enrollee must provide justification for why it is not needed. If FOG is found to be a problem, the Enrollee must prepare and implement a FOG source control program to reduce the amount of these substances discharged to the sanitary sewer system. This plan shall include the following as appropriate:

- (a) An implementation plan and schedule for a public education outreach program that promotes proper disposal of FOG;
- (b) A plan and schedule for the disposal of FOG generated within the sanitary sewer system service area. This may include a list of acceptable disposal facilities and/or additional facilities needed to adequately dispose of FOG generated within a sanitary sewer system service area;
- (c) The legal authority to prohibit discharges to the system and identify measures to prevent SSOs and blockages caused by FOG;
- (d) Requirements to install grease removal devices (such as traps or interceptors), design standards for the removal devices, maintenance requirements, BMP requirements, record keeping and reporting requirements;
- (e) Authority to inspect grease producing facilities, enforcement authorities, and whether the Enrollee has sufficient staff to inspect and enforce the FOG ordinance;
- (f) An identification of sanitary sewer system sections subject to FOG blockages and establishment of a cleaning maintenance schedule for each section; and
- (g) Development and implementation of source control measures for all sources of FOG discharged to the sanitary sewer system for each section identified in (f) above.

(viii) **System Evaluation and Capacity Assurance Plan:** The Enrollee shall prepare and implement a capital improvement plan (CIP) that will provide hydraulic capacity of key sanitary sewer system elements for dry weather peak flow conditions, as well as the appropriate design storm or wet weather event. At a minimum, the plan must include:

- (a) **Evaluation:** Actions needed to evaluate those portions of the sanitary sewer system that are experiencing or contributing to an SSO discharge caused by hydraulic deficiency. The evaluation must provide estimates of peak flows (including flows from SSOs



SOUTH SAN LUIS OBISPO COUNTY SANITATION DISTRICT


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Staff Report

To: Board of Directors
From: John Wallace, *District Administrator* 
Date: June 06, 2012
Subject: FY 2012-13 Preliminary Budget – Major Budget Items(MBIs) and Operating Budget Review

Recommendation:

Staff recommends the Board review and consider the proposed FY 2011-12 Major Budget Items (MBIs)

Funding:

The proposed budget sets forth the planned revenue and expenditures for operations, expansion and replacement of the District's facilities for the upcoming fiscal year.

Discussion:

On May 16, 2012 staff presented the preliminary FY 2012-13 Operating Budget and draft Major Budget Items (MBIs). In addition, the Board will now review the proposed MBI projects on-site. The proposed schedule for the major milestones of budget preparation and adoption are now scheduled for:

- June 6, 2012 Continue review of FY 2012-13 Major Budget Items (MBIs) at the plant site.
- June 7, 2012 Advertise public hearing for June 20, 2012 for adoption of FY 2011-12 Budget.
- June 20, 2012 Public hearing and adoption of the FY 2012-13 Budget

At this time, Staff will present the proposed MBIs proposed for FY 2012-13. We will also discuss potential funding sources for the projects.

Attached is a spreadsheet in order of project numbers showing total project budgets past costs and project costs over four fiscal years and a "cost to complete" thereafter when projects are on-going or will be funded in subsequent years.

Also attached are project descriptions presented in order of new FY 2012-13 projects by project number (12 MBI 01-05). Next are carryover projects continuing over multiple years or projects that have been deferred from previous years.

It is obvious that with the number of projects for replacing major pumps and facilities, etc., that a major component of our financial planning will be to prioritize and execute only those projects that are necessary before a State Revolving loan can be secured. This will undoubtedly necessitate deferment of some of the projects shown for the time being in this fiscal year.

Also the Board should bring the previously distributed draft operating budget with you to the meeting for further review. If that document has been misplaced, please call the office and a duplicate will be provided.

Major Budget Items / Four Year Planning Budget

FY 2012-13 through FY 2015-16

Expenditures by Account

Acct #	Acct. Description	Total Budget	Prior FY's 06/07-10/11	FY 2013-12 Projected	FY 2012-13 Total	FY 2013-14 Budget	FY 2014-15 Budget	FY 2015-16 Budget	Cost to Complete
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Operating Fund

19-7015	Operating Fund - Office Equip/Comp Supplies	\$5,000.00		\$5,000.00					
19-7060	Operating Fund - Ocean Outfall Maintenance	\$64,753.00	\$30,753.00			\$34,000.00			\$34,000.00
19-7087	Operating Fund - WDR Expense	\$53,985.00	\$28,669.70	\$25,316.00	-\$0.70				-\$0.70
19-7088	Operating Fund - Water Recycling Study	\$40,000.00			\$40,000.00				\$40,000.00
19-8010	Operating Fund - Capital Equipment	\$760,484.00		\$24,268.00	\$54,246.00	\$229,600.00	\$221,160.00	\$211,210.00	\$736,216.00
19-8061	Operating Fund - Struct/Grads Maint-Major	\$206,821.62	\$116,651.45	\$28,541.00	\$321,329.17	\$13,300.00	\$13,500.00	\$13,700.00	\$361,829.17
	Operating Fund Subtotal	\$1,431,043.62	\$176,074.15	\$62,925.00	\$415,574.37	\$276,900.00	\$234,660.00	\$244,910.00	\$1,172,044.47

Expansion Fund

20-5120	State (Utility) SCIP Refund	\$128,103.00	\$128,103.00						
20-8010	Expansion Fund - Capital Equipment	\$196,790.76	\$89,790.76		\$110,000.00				\$110,000.00
20-8065	Expansion Fund - Struct/Grads Replace-Majr	\$11,749,520.17	\$2,748,496.73	\$212,724.00	\$538,299.44	\$510,000.00	\$3,870,000.00	\$3,370,000.00	\$8,788,299.44
	Expansion Fund Subtotal	\$12,077,413.93	\$2,966,390.49	\$212,724.00	\$648,299.44	\$510,000.00	\$3,870,000.00	\$3,370,000.00	\$9,998,299.44

Replacement Fund

26-8015	Replacement Fund - Trunk Sewer Maintenance	\$1,306,573.78	\$38,963.03	\$2,000.00	\$295,610.75	\$970,000.00			\$1,265,610.75
26-8061	Replacement Fund - Struct/Grads Maint-Major	\$733,479.50	\$71,951.39	\$188,118.00	\$473,410.11				\$473,410.11
26-8065	Replacement Fund - Struct/Grads Replace-Majr	\$3,252,661.91	\$484,785.24	\$225,000.00	\$987,306.67	\$175,000.00	\$1,400,000.00		\$2,542,306.67
26-8070	Emergency Equipment Repairs	\$715,000.00		\$25,000.00	\$165,000.00	\$170,000.00	\$175,000.00	\$180,000.00	\$690,000.00
	Replacement Fund Subtotal	\$6,007,145.19	\$595,699.66	\$440,118.00	\$1,901,327.53	\$1,315,000.00	\$1,575,000.00	\$180,000.00	\$4,971,327.53

Grand Total		\$19,515,602.74	\$3,738,164.30	\$735,767.00	\$2,965,201.44	\$2,101,900.00	\$5,679,660.00	\$4,294,910.00	\$15,041,671.44
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South San Luis Obispo Sanitation District
Major Budget Items / Four Year Planning Budget
FY 2012-13 through FY 2015-16

Expenditures by Activity		Total Budget	Prior FY's 06/07 - 10/11	FY 2011-12 Projected	FY 2012-13 Total	FY 2013-14 Budget	FY 2014-15 Budget	FY 2015-16 Budget	Cost to Complete
Account	Activity								
0001	Capital Equipment	2,246,096.86	427,299.04	167,572.00	434,245.82	409,600.00	406,160.00	421,210.00	1,651,215.82
0002	Studies	345,739.96	342,186.92	9,845.00	135,308.04	58,400.00			193,738.04
0003	Testing / Troubleshooting	30,356.00	17,335.88	500.00	2,500.12		10,000.00		12,500.12
0004	Design & Survey	1,779,298.77	890,095.24	45,382.00	281,721.33	464,900.00	93,500.00	5,700.00	843,821.33
0005	Contract Administration	1,227,574.99	301,431.82	64,340.00	122,803.17	20,000.00	419,500.00	339,300.00	881,805.17
0006	Const Contingencies	1,362,046.00	59,248.92	70,927.00	202,870.08	20,000.00	559,000.00	430,000.00	1,231,870.08
0007	Construction	12,462,883.16	1,893,514.23	385,758.00	1,762,408.93	1,129,000.00	4,191,500.00	3,100,500.00	10,183,408.93
0008	Proj Mgt/Permitting	48,000.00		4,656.00	43,344.00				40,244.00
0010	Flow Metering	1,365.00	1,365.00						0.25
0011	In-Plant Flow Analysis	1,882.00	1,881.75		0.25				0.25
0012	Off-Site Flow Analysis	1,236.00	1,236.00		0.50				0.50
0013	Flow Metering Analysis	1,920.00	1,919.50						
0014	Member Agency Support	905.00		305.00					
0015	Final Report	7,111.00	630.00	6,482.00	-1.00				-1.00
		19,515,602.74	3,738,164.30	735,767.00	2,965,291.44	2,101,900.00	5,679,650.00	4,294,910.00	15,041,671.44

Major Budget Items / Four Year Planning Budget

Proj. No.	Project Name	Total Project Budget	Account Number	Source of Funds	Print FY's 01/01 - 12/31	2011-12 Projected	2012-13 Budgeted	2012-13 Total	2013-14 Budget	2014-15 Budget	2015-16 Budget	Cost to Complete
CAPITAL PURCHASES												
08 MBI 08	Effluent Gardner Annual Service	104,185.62	19-8061	Operating Fund - Struct/Crds Maint-Major	46,809.00	17,256.00	10,300.00	9,999.82	10,300.00	10,300.00	10,300.00	35,999.82
09 MBI 11	Annual CDS/CDS Survey	61,357.21	19-8061	Operating Fund - Struct/Crds Maint-Major	5,556.00	1,330.00	1,386.00	1,287.00	3,266.00	3,266.00	3,266.00	13,736.00
08 MBI 04	Paperwork Archive	16,020.00	19-8010	Operating Fund - Capital Equipment			6,050.00	12,550.00	1,100.00	1,100.00	1,210.00	16,020.00
09 MBI 04	Vehicle Replacement	18,500.00	19-8010	Operating Fund - Capital Equipment					18,500.00			18,500.00
10 MBI 03	CGM Manual Update	54,247.00	19-8061	Operating Fund - Struct/Crds Maint-Major	54,246.20	500.00		0.30				0.30
10 MBI 05	Pont Gate Recoating	12,000.00	19-8061	Operating Fund - Struct/Crds Maint-Major				12,000.00				12,000.00
10 MBI 07	Emergency Response Plan	5,682.00	19-8061	Operating Fund - Struct/Crds Maint-Major	2,837.00	845.00	200.00	2,000.00				2,000.00
10 MBI 08	Entrance Road Light Selection	15,000.00	19-8061	Operating Fund - Struct/Crds Maint-Major			15,000.00	15,000.00				15,000.00
10 MBI 09	Pre Annual Outfall Inspection	64,753.00	19-7000	Operating Fund - Ocean Outfall Maint	30,753.00				34,000.00			34,000.00
10 MBI 10	Effluent Screenings Transport System	100,000.00	19-8061	Operating Fund - Struct/Crds Maint-Major			100,000.00	100,000.00				100,000.00
10 MBI 11	CGM Manual/SCOP Maintenance and Training	25,000.00	19-8061	Operating Fund - Struct/Crds Maint-Major	7,371.55	8,100.00		9,129.05				9,129.05
10 MBI 15	Storm System Management Plan (SSMTP) Update and	21,720.00	19-7087	Operating Fund - WDR Expense	3,191.85	18,529.00		0.15				0.15
10 MBI 17	District Truck Line Inflow and Infiltration (I&I) Study	32,265.00	19-7087	Operating Fund - WDR Expense	25,478.85	6,786.00		0.85				0.85
11 MBI 01	Toile Containment	8,300.00	19-8010	Operating Fund - Capital Equipment		5,900.00	2,000.00	2,000.00				2,000.00
11 MBI 02	Chemical Metering Pumps	5,525.00	19-8010	Operating Fund - Capital Equipment		5,525.00						
11 MBI 03	Disinfection System Metering Pumps	7,000.00	19-8010	Operating Fund - Capital Equipment		3,104.00		3,896.00				3,896.00
11 MBI 04	Polysulfide Unit	7,952.00	19-8010	Operating Fund - Capital Equipment		7,952.00						

South San Luis Obispo Sanitation District
Major Budget Items / Four Year Planning Budget

Proj. No.	Project Name	Total Project Budget	Account Number	Source of Funds	Fiscal FY's Beg/00 - 10/11	2011-12 Projected	2012-13 Budgeted	2012-13 Total	2013-14 Budget	2014-15 Budget	2015-16 Budget	Cost to Complete
CAPITAL PURCHASES - Con't												
11 MBI 06	Gas Treatment Averring	25,000.00	19-4810	Operating Fund - Capital Equipment				25,000.00				25,000.00
11 MBI 07	IT System Upgrade	5,000.00	19-7015	Operating Fund - Office Equip/Comp Supplies		5,000.00						
11 MBI 08	Automated External Defibrillator (AED)	2,207.00	19-4050	Operating Fund - Capital Equipment		2,207.00						
12 MBI 01	Chemical Mixer	10,000.00	19-4810	Operating Fund - Capital Equipment			10,000.00	10,000.00				10,000.00
12 MBI 02	Permanant Rectrulating Piping	45,000.00	19-9051	Operating Fund - Street/Grnds Maint-Major			45,000.00	45,000.00				45,000.00
12 MBI 03	Digester No. 1 Cleaning	45,000.00	19-4051	Operating Fund - Street/Grnds Maint-Major			45,000.00	45,000.00				45,000.00
12 MBI 04	Backflow Preventor	80,000.00	19-4051	Operating Fund - Street/Grnds Maint-Major			80,000.00	80,000.00				80,000.00
12 MBI 05	Seckman Water Studies (RWQM)	40,000.00	19-3808	Operating Fund - Water Recycling Study			40,000.00	40,000.00				40,000.00
N/A	Miscellaneous MUI Projects	660,000.00	19-4050	Operating Fund - Capital Equipment					210,000.00	220,000.00	230,000.00	660,000.00
Subtotal - Capital Purchases		1,472,454.95		1,472,454.95	217,445.46	82,925.00	346,026.00	415,574.47	276,000.00	294,600.00	244,510.00	1,172,644.47

Major Budget Items / Four Year Planning Budget




Proj. No.	Project Name	Total Project Budget	Account Number	Source of Funds	Fiscal Yr's 06/07 - 09/11	2011-12 Projected	2012-13 Budgeted	2012-13 Total	2013-14 Budget	2014-15 Budget	2015-16 Budget	Cost to Complete
EXPANSION PROJECTS												
01 MBT 01	Co-Generation Design, Analysis and Upgrade	982,211.84	20-8020	State (Utility) SGP Refund	128,103.00							
			20-8030	SGP Refund								
			20-8040	Expansion Fund - State (Utility) SGP Refund								
			20-8065	Expansion Fund - Street/Grnds Replace-Impr	854,106.84	823,668.57	38,500.00	38,500.00				38,500.00
03 MBT 06	New Confinement	2,035,559.26	20-8065	Expansion Fund - Street/Grnds Replace-Impr	2,035,559.26	1,823,833.28		-0.00				-0.00
			26-8065	Replacement Fund - Street/Grnds Replace-Impr								
05 MBT 14	Long Range Plant Expansion	3,433,938.09	20-8010	Expansion Fund - Capital Equipment	89,700.76	89,700.76						
			20-8065	Expansion Fund - Street/Grnds Replace-Impr	8,594,147.33	49,575.14			500.00	3,870,000.00	3,870,000.00	8,499,071.19
07 MBT 16	Grease to Gas System	122,299.61	20-8065	Expansion Fund - Street/Grnds Replace-Impr	122,299.61	11,572.61						109,227.00
08 MBT 25	Lagoon Lining Project	162,346.25	20-8065	Expansion Fund - Street/Grnds Replace-Impr	159,565.25	5,083.25	154,500.00	154,500.00				154,500.00
			26-8065	Replacement Fund - Street/Grnds Replace-Impr		2,783.00						
11 MBT 11	SCADA Completion	110,000.00	20-8010	Expansion Fund - Capital Equipment	110,000.00							110,000.00
Subtotal - Expansion Projects		12,046,953.05			12,046,355.05	2,593,391.61	185,080.00	648,299.44	570,000.00	3,870,000.00	3,870,000.00	8,698,299.44



Major Budget Items / Four Year Planning Budget

Proj. No.	Project Name	Total Project Budget	Account Number	Source of Funds	Phase FY's 06/07 - 06/11	2011-12 Proposed	2012-13 Budgeted	2012-13 Total	2013-14 Budget	2014-15 Budget	2015-16 Budget	Cost to Complete
REPLACEMENT PROJECTS												
04 MBI 16	Electrical System Upgrade	285,689.15	26-8065	Replacement Fund - Street/Grds Replace-Impr	33,841.88							
			26-8065	Replacement Fund - Street/Grds Replace-Impr	12,261.26	200,000.00		39,586.05				39,586.05
06 MBS 04	Primary Clarifier No. 1 Curwalk and Drive	342,840.00	26-8061	Replacement Fund - Street/Grds Maint-Major	5,238.53	135,453.00	136,798.00	202,315.50				202,315.50
06 MBI 05	Primary Clarifier No. 2 Curwalk	40,000.00	26-8061	Replacement Fund - Street/Grds Maint-Major				40,000.00				40,000.00
08 MBI 13	Influent Pumps Case and Check Valves	722,057.68	26-8065	Replacement Fund - Street/Grds Replace-Impr	421,657.06	25,000.00		275,388.62				275,388.62
08 MBI 18	Flood Gate Upgrade Project	219,052.67	26-8065	Replacement Fund - Street/Grds Replace-Impr	6,712.67		213,340.00	213,340.00				213,340.00
09 MBI 19	CRP2 Lining of S&LOCSD Trunk Sewer	1,306,573.78	26-8015	Replacement Fund - Trunk Sewer Maint	38,985.05	2,000.00		295,610.75	570,000.00			1,265,610.75
09 MBS 01	FFR Pump Refurbishment	175,439.50	26-8061	Replacement Fund - Street/Grds Maint-Major	66,712.89	52,635.00		56,091.61				56,091.61
10 MBI 16	Upgrade Co-Generation from 150 to 200 kW Generator	175,000.00	26-8065	Replacement Fund - Street/Grds Replace-Impr					175,000.00			175,000.00
10 MBI 12	Arroyo Grande Pipe Bridge Replacing	175,000.00	26-8061	Replacement Fund - Street/Grds Maint-Major	175,000.00		175,000.00	175,000.00				175,000.00
10 MBI 13	FFR Plastic Media Replacement	1,000,000.00	26-8065	Replacement Fund - Street/Grds Replace-Impr	1,000,000.00				1,000,000.00			1,000,000.00
10 MBI 14	FFR Distribution Arm Replacement	400,000.00	26-8065	Replacement Fund - Street/Grds Replace-Impr	400,000.00				400,000.00			400,000.00
11 MBI 06	Influent Pumps Failure Readiness/Refurbishment	440,000.00	26-8065	Replacement Fund - Street/Grds Replace-Impr	440,000.00			440,000.00				440,000.00
N/A	Emergency Equipment Repair	715,000.00	26-8070	Replacement Fund - Emergency Equipment Repair		25,000.00	165,000.00	165,000.00	170,000.00	175,000.00	180,000.00	690,000.00
Subtotal - Replacement Projects		5,996,832.76			583,387.23	440,115.00		1,290,327.35	1,315,000.00	1,575,000.00	180,000.00	4,971,227.55
Grand Total		19,515,402.74			3,739,164.50	735,767.00	1,196,156.00	2,265,207.44	2,107,900.00	5,679,660.00	4,294,810.00	15,045,697.44

MAJOR BUDGET ITEMS



FISCAL BUDGET YEAR 2012-13




ITEM #	PROJECT TITLE	FY 12-13 COST	[COST TO COMPLETE]
12 MBI 01	CHEMICAL MIXER	\$ 10,000	[\$ 10,000]
		<p>Flash mixing of sodium hypochlorite is an essential part of the disinfection of wastewater. Losing the flash mixer has caused a 10X increase in chemical usage.</p> <p>This FY Budget item includes the purchase of a backup/replacement flash mixer.</p>	
12 MBI 02	PERMANENT RECIRCULATION PIPING	\$ 45,000	[\$ 45,000]
		<p>During the night, the overall plant flow slows way down. Staff observed low dissolved oxygen (DO) levels in the primary clarifiers in the AM resulting in less settling of solid materials.</p> <p>Staff has been testing a temporary, above-ground bypass solution that seems to have addressed the AM hour settling issue. If secondary effluent is recycled back to the head-works during night time flows, the DO levels have increased and the settling has substantially improved.</p> <p>The budgeted funds would allow for the design and construction of a permanent underground bypass piping system.</p>	
12 MBI 03	DIGESTER No. 1 CLEANING	\$ 45,000	[\$ 45,000]
		<p>The SSLOCSD Digester No. 1 was last cleaned in 2005. Staff would like to maintain a more regular cleaning schedule to keep debris from building and turning cleanings into major cost projects.</p> <p>The budgeted funds will allow for the cleaning of the digester as well as the installation of large diameter pipe/valves for the ease of future cleanings.</p>	


ITEM #	PROJECT TITLE	FY 12-13 COST	[COST TO COMPLETE]
12 MBI 04	BACKFLOW PREVENTOR (ie. PLANT POTABLE WATER)	\$ 80,000	[\$ 80,000]
		<p>The District currently has a single 2" water line feed for Irrigation and the Administration Building needs. There is an air-gap tank that protects the City from cross-contamination, but there is nothing to protect the administration building bathrooms and kitchen from cross contamination.</p> <p>The budgeted funds will allow for the installation of a 6" fire hydrant, plus add a dedicated 2" water line and backflow preventer making the administration building water "potable." This line can be utilized in the future for eye wash stations, etc.</p>	
12 MBI 05	RECLAIMED WATER STUDIES (IRWM)	\$ 40,000	[\$ 40,000]
		<p>The budgeted funds will allow the District to participate with local stakeholders to investigate the potential usage of future District's reclaimed water in the community.</p>	

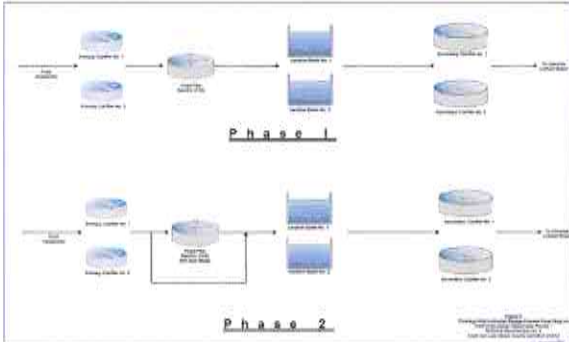
CARRY-OVER BUDGET ITEMS



FISCAL BUDGET YEAR 2012-13



ITEM #	PROJECT TITLE	FY 12-13 COST	[COST TO COMPLETE]
01 MBI 01	COGEN DESIGN ANALYSIS AND UPGRADE	\$ 30,500	[30,500]
		The budgeted funds will cover the investigation of design and performance issues.	
04 MBI 03	INFLUENT GRINDER ANNUAL SERVICE	\$ 15,000	[ANNUAL]
		The budgeted funds will be an annual budget item and are sufficient to fund the "Monster Care" service agreement for both of the District's grinder units. Additional Funds were added as one of the augers is in need of extensive repairs.	
04 MBI 11	ANNUAL GIS/GPS SURVEY	\$ 3,200	[ANNUAL]
		<p>The District has an up-to-date and fully functional trunk sewer GIS database. To maintain the integrity of the database, annual data maintenance is recommended. Tasks included in the annual maintenance are additions and replacements of trunk sewer facilities based on capital improvements, field survey to acquire additional trunk sewer information, and revisions to the trunk sewer atlas.</p> <p>This is an annual budget item.</p>	



ITEM #	PROJECT TITLE	FY 12-13 COST	[COST TO COMPLETE]
06 MBI 04	PRIMARY CLARIFIER NO. 1 CATWALK AND DRIVE	\$ 106,790	[\$ 106,790]
		<p>The funds will allow for:</p> <ul style="list-style-type: none"> • the demolition of the existing bridge; • the installation of a new Stainless Steel bridge; • the replacement of existing galvanized steel plates with fiberglass or stainless steel decking; • the replacement of the 20 year old drive – the old unit will be refurbished so staff has a backup drive onsite. <p>Work has started and the Clarifier has been recoated. Bridge/drive work will start soon.</p>	
06 MBI 05	PRIMARY CLARIFIER NO. 2 CATWALK	\$ 40,000	[\$ 40,000]
		<p>Due to the caustic nature of the clarifier environment, severe oxidation has occurred to the coating system and base metal of the clarifier bridge and decking that was installed in 1990.</p> <p>These estimated funds would allow for sandblasting and painting of the bridge by a contractor along with the replacement of existing galvanized steel plates with fiberglass or stainless steel grating.</p> <p>If staff has time to perform this work the actual costs will be substantially less.</p>	
04 MBI 16	ELECTRICAL SYSTEM UPGRADE	\$ 39,586	[\$ 39,586]
		<p>Wiring of the plant's process equipment has been completed.</p> <p>Money has been left in the MBI to replace miscellaneous site lighting.</p>	


ITEM #	PROJECT TITLE	FY 12-13 COST	[COST TO COMPLETE]
06 MBI 13	INFLUENT PUMPS GATE AND CHECK VALVES	\$ 275,381	[\$ 275,381]
		<p>As a result of the San Simeon Earthquake, a sinkhole developed above the 33-inch corrugated steel influent line directly to the south of the pumping plant. It was discovered through video inspection that significant infiltration exists in a 50-foot section of the line extending from the pumping plant to the upstream manhole.</p> <p>The project was broken into 3 phases:</p> <ul style="list-style-type: none"> • Phase I, installation of 2 manholes onsite to ease the logistics of bypassing the headworks – STATUS: Complete • Phase II, coating of primary No. 1 section of splitter box, removal of the slide gates and installation of plug valves – STATUS: Complete <p>Phase II ran into a lot of unanticipated work due to the discovery of a severely oxidized primary clarifier bypass pipe that required replacement.</p> <ul style="list-style-type: none"> • Phase III, slip line approximately 55 ft of AG feeder from the influent plant to the first upstream manhole • replace the influent slide gate • Video inspect the 30" pump header and the 30" force main (to the splitter box) • replace all gate and check valves on the four (4) influent pumps • coat the wet well and the wet pit • replace the Parshall flume (which measures plant flow) <p>Phase III has begun in FY2009-10 with the purchase of the influent valves and have replaced the valves on Pump No. 4.</p>	




ITEM #	PROJECT TITLE	FY 12-13 COST	[COST TO COMPLETE]
07 MBI 14	LONG RANGE PLANT EXPANSION	\$ 244,073	[\$ 8,494,073]
<div></div>		<p>Kennedy/Jenks (KJ) developed a long-range planning report in 2005 that addressed the plant capacity and redundancy concerns, as well as provided conceptual solutions. The result of the report was to recommend that secondary treatment facility improvements, including aeration tanks and a redundant secondary clarifier, be constructed.</p> <p>A Pre-Design Report was written in 2008 in order to gain a better understanding of the estimated construction costs and the feasibility of a phased project.</p> <p>The Report confirmed the size and location of equipment and pipework connections. Two aeration tanks with 295,000 gallon capacity each, and an 87 ft diameter secondary clarifier are planned to be added to the treatment process. In addition the report recommended that both pieces of equipment be constructed at one time.</p> <p>Staff hired Corollo Engineers to provide a peer review of the KJ report with a specific eye toward the cost estimate. KJ made their estimate at the height of the construction boom, while Carollo was aware of the economic difficulties in the construction industry. Regardless, project estimates have been revised downward from in excess of \$12 million to a more palatable \$7.5 million.</p> <p>This project is in the process of applying for SRF funding and is in the environmental review phase.</p> <p>Also as part of the SRF Process, Staff is also working on a rate study to determine if current rates are sufficient to qualify for the loan. Getting information from the member agencies has proved cumbersome as well as sorting through the custom categories. Staff will hire student auditors to walk the District to verify rate classification. All these activities have delayed the rate study significantly.</p> <p>This FY Budget item includes the design portion of the project. Estimated construction costs are projected in future years.</p>	



ITEM #	PROJECT TITLE	FY 12-13 COST	[COST TO COMPLETE]
07 MBI 16	GREASE TO GAS SYSTEM	\$ 109,227	[\$ 109,227]
		<p>Compliance with FOG programs, particularly with regard to disposing of brown grease, requires the availability of inexpensive and convenient means for owners and haulers to comply with the regulations and may reduce illegal dumping.</p> <p>Wastewater Treatment plants can uniquely benefit from kitchen grease. Timed, direct injection of kitchen greases into an anaerobic digester will increase the solids digestion, increase the production of digester gas and increase the energy content of the gas.</p> <p>The tipping fees the grease haulers will pay in addition to the additional power generated will help offset the costs.</p> <p>Based on other District's results, this will increase the benefit of the cogeneration unit.</p>	
08 MBI 04	PAPERWORK ARCHIVE	\$ 12,000	[12,000]
		<p>Funds would allow for the purchase of a large format, high-speed scanner and digital media storage devices to archive 40+ years of deteriorating paperwork currently stored in the FFR basement.</p> <p>Staff will also investigate 3rd party scanning of materials to be archived and choose the most cost effective method considering staff time for scanning vs. hiring an outside service.</p> <p>Staff requested funds be added to provide for a weather-proof shipping container to house paper archives.</p>	

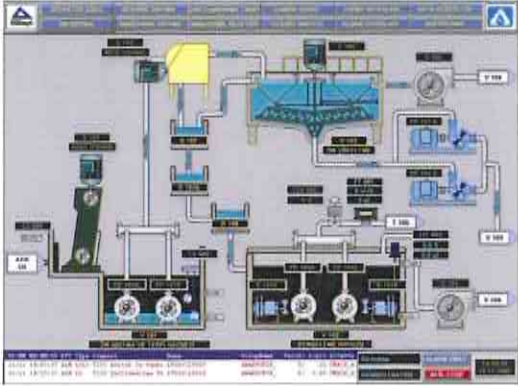
ITEM #	PROJECT TITLE	FY 12-13 COST	[COST TO COMPLETE]
08 MBI 19	CURED IN PLACE PIPE (CIPP) LINING OF SSLOCSD TRUNK SEWER	\$ 295,611	[\$ 1,265,611]
 		<p>Video inspections of the Trunk System have identified numerous locations which are in need of system rehabilitation due to degradation over time.</p> <p>This budget item allows for the installation of CIPP Liner on some high priority areas. The CIPP Liner will allow for a continuous joint-less lining of the collection system and is resistant to corrosion from domestic sewage and is capable of withstanding static, dynamic and hydrostatic loads over a fifty year lifespan. System installation is by means of trenchless technology, allowing for the liner to be inserted into the pipe through existing manholes.</p> <p>Total system rehabilitation is anticipated to occur in stages over multiple fiscal years. Current budget projections are worst case scenarios and will be refined by additional video inspection and analysis this fiscal year.</p> <p>Only \$15,000 was spent from FY2009-10 budget with the balance being rolled over. Staff is planning to line a large percentage of the "critical" sections this fiscal year.</p> <p>The Funding Projections can be seen in the ten year budget projection.</p>	

ITEM #	PROJECT TITLE	FY 12-13 COST	[COST TO COMPLETE]
09 MBI 01	FFR PUMP REFURBISHMENT	\$ 56,092	[\$ 56,092]
 		<p>When the Fixed Film Reactor (FFR) was installed, piping was furnished to accommodate three large circulation pumps, but only two were installed. The pumps are responsible for pumping wastewater water up the center column pipe located in the center of the FFR and into the distribution arms where it is evenly distributed over plastic media.</p> <p>The pumps are variable speed pumps with the speed controlled by variable frequency drives (VFD) and have been in service for approximately 12 years. One VFD was replaced in March 2009. Given the current FFR recirculation parameters, the pumps cannot be taken offline without the plant operating in upset mode.</p> <p>A new pump was purchased last fiscal year (Board Action on May 19, 2010) as well as a new check valve (Board Action on March 02, 2011).</p> <p>Staff is anticipating installing the new pump in an existing slot before the new FY starts.</p> <p>Funds will allow for:</p> <ul style="list-style-type: none"> • the overhaul of existing pumps 1 & 2, (impellers, seals, motors); • the replacement of the second existing VFD; • the installation of a new, third pump, motor & VFD to provide needed maintenance and redundancy 	

ITEM #	PROJECT TITLE	FY 12-13 COST	[COST TO COMPLETE]
09 MBI 04	VEHICLE REPLACEMENT	\$ 18,500	[\$18,500]
		<p>The District's 1997 Ford Ranger currently has 83,000 miles on it and is frequently in need of repair.</p> <p>Funds would provide for a replacement vehicle of similar size. The old vehicle would be declared surplus and sold or traded in to the biggest financial benefit of the District.</p> <p>As part of this project, Staff will prepare a District vehicle plan, outlining the vehicular needs of staff, (errands, collections system, beach sampling, etc). If a small truck is not required, these funds would go toward the required vehicle.</p>	
10 MBI 05	FRONT GATE RECOATING	\$ 12,000	[\$ 12,000]
		<p>The security gate was installed at the entrance to the facility in response to neighborhood kids having unrestricted access to the plant during unmanned hours.</p> <p>The gate's coating system over time has peeled exposing the base metal which has subsequently oxidized.</p> <p>The funds will pay for preparing and coating the gate with a higher strength, longer life system such as powder coating. It will also cover the cost of temporary fencing during the repair.</p> <p>Staff will also look into totally replacing the fence and opt for the least expensive option.</p>	
10 MBI 11	O&M MANUAL AND ASSOCIATED SOP TRAINING	\$ 11,500	[\$ 11,500]
		<p>Development of a training program for the newly updated O&M Manual as part of the SWCRB and RWQCB Notice of Violation (NOV) that the District received on July 21, 2010. This budget number is the anticipated amount left from the previous FY.</p>	



ITEM #	PROJECT TITLE	FY 12-13 COST	[COST TO COMPLETE]
10 MBI 10	INFLUENT SCREENINGS TRANSPORT SYSTEM	\$ 100,000	[\$ 100,000]
		<p>This project is projected to be performed in FY 2012-13.</p> <p>As the Auger Monster manufacturer's solution to the screening problem is generating substantially more screenings, the problem of transporting the bag full of screenings up a flight of stairs is becoming a safety risk.</p> <p>Staff is still investigating solutions, but the funds will pay for a solids transport system with or without a washer. This will transport the solids out of the sub-grade head-works and up to a dumpster for simple disposal.</p>	
10 MBI 12	ARROYO GRANDE PIPE BRIDGE RECOATING	\$ 175,000	[\$175,000]
		<p>This project is projected to be performed in FY 2012-13.</p>	
11 MBI 01	TOTE CONTAINMENT	\$ 5,500	[\$ 5,500]
		<p>The District uses chemical injection at various points in the plant for process control. The chemicals are stored in totes which are stored around the plant.</p> <p>Staff purchased two units last FY (10 MBI 06), and would like to purchase four more this FY.</p> <p>These funds will pay for four additional containment tanks that will protect against any catastrophic damage to the tote, valves, etc.</p>	



ITEM #	PROJECT TITLE	FY 12-13 COST	[COST TO COMPLETE]
11 MBI 03	DISINFECTION SYSTEM METERING PUMPS	\$ 7,000	[\$ 7,000]
		<p>The disinfection system controls the effluent coli-form levels, and the sodium hypochlorite and sodium bisulfate pumps are a key part of that process.</p> <p>The budgeted funds will allow for the purchase of redundant pumps for the disinfection system to ensure a minimal impact of a failed metering pump.</p>	
11 MBI 06	GAS TREATMENT AWNING	\$ 25,000	[\$ 25,000]
		<p>The equipment installed in the gas treatment system which conditions digester gas prior to combustion in the cogeneration engine are beginning to show signs of oxidation primarily due to the outside exposure.</p> <p>An awning similar to the one depicted in the photo can minimize the effects of ultraviolet damage and standing water/moisture on the equipment which will extend the life of the installed equipment.</p> <p>The budgeted funds will allow for the purchase and installation of an awning.</p>	
11 MBI 08	INFLUENT PUMPS FAILURE READINESS/REFURBISHMENT	\$ 440,000	[\$ 440,000]
		<p>Once the Influent Pumps Gate and Check Valves Project (06 MBI 13) is complete and functioning isolation valves are installed, Staff can refurbish or replace the District's four influent pumps.</p> <p>Additionally, staff will analyze and plan to minimize the effect of pump failure, and will optimize the repair options and the spare parts required to be on the shelf to minimize downtime. A likely scenario could include identical pumps and VFD's to maximize interchangeability.</p> <p>The budgeted funds will allow for the replacement or the refurbishment of the pumps and VFDs and the purchase of spare parts.</p>	



ITEM #	PROJECT TITLE	FY 12-13 COST	[COST TO COMPLETE]
11 MBI 11	SCADA SYSTEM, PHASE 3	\$ 110,000	[\$ 110,000]
		<p>Phase 1 of the SCADA system involved purchasing the hardware, software and implementing the dialer functionality, including Staff's special requests. Signals covered basic security inputs.</p> <p>Phase 2 is part of the Centrifuge building project. Screens will be created to monitor equipment and utilize more functionality built in to the software.</p> <p>Phase 3 will be the biggest slice of the implementation which will bring signals from the rest of the plant to the SCADA software.</p> <p>Budgeted funds include screen development, but mostly infrastructure: deployment of summary PLC's, wiring to the PLC's and the running of fiber optic cable throughout the plant.</p>	


FUTURE BUDGET ITEMS

FISCAL BUDGET YEAR 2012-13

ITEM #	PROJECT TITLE	FY 12-13 COST	[COST TO COMPLETE]
08 MBI 18	FLOOD GATE UPGRADE PROJECT	\$0	[\$212,340]
		<p>This project is projected to be performed in FY 2012-13.</p> <p>This project would include the upgrade of the flood protection gates at the plant. Facilities will be evaluated to determine critical buildings and areas needed for plant operation.</p> <p>In the event of a flood, it is critical that the plant run at a basic level during a severe flooding event. The new gates will provide protection for these critical systems. New higher flood gates will be installed at these critical facilities. Non-critical systems will be left with the existing flood protection.</p> <p>Staff has prepared bid documents.</p>	
08 MBI 25	LAGOON LINING PROJECT	\$0	[\$154,500]
		<p>This project is projected to be performed in FY 2012-13.</p> <p>During normal plant operations, staff dewater biosolids utilizing a centrifuge and stockpiles the dewatered biosolids in the dirt lagoon, east of the last drying bed. The existing biosolids drying lagoon is unpaved however underlying the site is several feet of red rock that provides a hard compact subsurface. During heavy rains, rain water pools and is absorbed into the stored biosolids, resulting in a higher moisture content.</p> <p>There have not been any specific issues with biosolids leaching into groundwater. Creek testing on an intermittent basis has confirmed that there has been no negative impact on the creek. However, recently during the environmental review by the Coastal Commission (CC) of the new Centrifuge building, the CC inquired about the stockpiling practice, whether the lagoon was lined, the proximity to the creek, etc.</p>	

ITEM #	PROJECT TITLE	FY 12-13 COST	[COST TO COMPLETE]
		<p>To prevent the future possibility of biosolids coming into contact with the groundwater, the lagoon should be lined. Paving the entire lagoon would provide a hard surface upon which to stockpile the biosolids greatly reducing the chance for ground water contamination in the future, as well as provide a method to prevent pooling rainwater from being absorbed by the stored biosolids.</p> <p>Funds would provide for the creation of bid documents and the construction project to pave the lagoon.</p>	
10 MBI 08	ENTRANCE ROAD LIGHT RELOCATION	\$ 0	[\$ 15,000]
		<p>This project is projected to be performed in FY 2012-13.</p> <p>The District's entrance lights are in the middle of the abandoned Honolulu Avenue as up until recently, the District held property rights to the middle of the Street.</p> <p>Since recent the transfer of property from the County to the District, this restriction no longer exists.</p> <p>The funds will pay for the project to move the existing light poles nearer to the fence line to avoid inadvertent collisions due to the narrowness of the driveway (one light-pole was knocked down last year).</p>	
10 MBI 09	TRI-ANNUAL OUTFALL INSPECTION	\$ 0	[\$ 34,000]
		<p>This project is projected to be performed in FY 2013-14.</p> <p>The District's NPDES permit requires that SSLOCSD inspect the ocean outfall line once every three years – a cost that is shared with Pismo Beach.</p> <p>There are two parts of the inspection: the video inspection of the physical pipe (about \$8,000), and benthic biota monitoring, which requires taking sediment samples at designated monitoring locations on the ocean floor.</p>	

ITEM #	PROJECT TITLE	FY 12-13 COST	[COST TO COMPLETE]
			<p>The sediment is analyzed for metals, etc. The results are reported in a lengthy report which is included in the Annual Report with any issues identified highlighted (about \$60,000).</p> <p>Historically the District has handled the analysis, paid the contractor, and been reimbursed by Pismo Beach.</p>
10 MBI 13	FFR PLASTIC MEDIA REPLACEMENT	\$ 0	[\$1,000,000]
			<p>This project is projected to be performed in FY 2014-15.</p>
10 MBI 14	FFR DISTRIBUTION ARM REPLACEMENT	\$ 0	[\$400,000]
			<p>This project is projected to be performed in FY 2014-15.</p>

ITEM #	PROJECT TITLE	FY 12-13 COST	[COST TO COMPLETE]
10 MBI 16	UPGRADE CO-GENERATION FROM 150 TO 200 kW GENERATOR	\$ 0	[\$175,000]
		This project is projected to be performed in FY 2013-14.	

DRAFT

South San Luis Obispo County Sanitation District

SUMMER 2012 NEWSLETTER



2012
Volume 1, Issue 1

In Summer 2012

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Highlights of 2012	2
Medication Drop Boxes Now Available	2

Board of Directors

Bill Nicolls, Chairman
(Grover Beach)

Matthew Guerrero,
Vice Chairman
(Oceano Community Services District)

Tony Ferrara, Director
(City of Arroyo Grande)

Alternate Directors

Karen Bright
(City of Grover Beach)

Richard Searcy
(Oceano Community Services District)

Jim Guthrie
(City of Arroyo Grande)

Board Meetings Open to the Public:

1st & 3rd Wednesdays of each month at 6:00 p.m.

Oceano Community Services District
1655 Front Street
Oceano, CA 93445

www.sslocsd.org

District Updates Its Website

The District has updated its website. Learn more about who we are and what we do. Stay up-to-date with the latest news and information. You can also find the Agenda Packet for an up-coming Board meeting posted on the website as well as packets for prior meetings. Please check out the new-and-improved District website at www.sslocsd.org.

Don't Let Blocked Pipes Ruin the Fun

During the holidays, many households cook turkey, ham or roasts. Some even deep-fry turkeys in a vat of oil. The grease and oil drippings and frying oil cannot be poured down the drain. Pouring cooking fats, oils and grease into sinks or storm drains can cause sewers to back up. In addition to the health hazards, a sewer back-up in your home is costly. Clean-up and plumbing repairs are very pricey. Additionally, back-ups in the sewer main can cost the District for repairs, clean-up and even fines from State or Federal agencies. These costs are paid by the customers through higher sewer bills. Sewer back-ups can also pollute our waterways.

Here are some ways you can help during the holidays and every day:

- Pour all grease and drippings into a resealable container (coffee cans work well) and throw in the trash.
- Wipe all dishes and pots and pans with paper towels before washing and throw the towels in the trash.
- If you know someone who has a car that runs on bio-diesel, they can use the deep-frying oil for fuel.

Please do your part to help keep sewer bills low and our streams, rivers, lakes and oceans clean.



Fats, Oils and Grease (FOG) build up in pipes.

Sewer Blockage Formation



The start of a blocked pipe begins when grease and solids collect on the top and sides of the pipe interior.



The build-up increases over time when grease and other debris are washed down the drain.



Excessive accumulation will restrict the flow of wastewater and can result in a sanitary sewer overflow.

Fats, Oils and Grease (FOG) are not the only things which may cause problems with our sewer system. The following items should **NEVER** be disposed of by flushing down toilets or by dumping down drains:

- Coffee grinds
- Baby wipes
- Swiffer wipes and other disposable cleaning supplies
- Hair
- Medications and other drugs (Please see page 2 about how to properly dispose of unwanted and unused medications).

(DRAFT)



South San Luis Obispo County Sanitation District
P.O. Box 339
Oceano, CA 93475

We're on the web at: www.sslocsd.org

2012: YEAR IN REVIEW

- Work has begun on the Primary Clarifier No. 1 project. So far, the contractor has sandblasted and coated the clarifier tank. The next stage will be the actual replacement of the drive unit and catwalk.
- Staff has significantly reduced chlorine usage which has significantly reduced chemical costs for the District.
- Staff successfully installed a new influent pump which is now the lead pump at the Plant. It is working great.
- The Plant's brine disposal station is back on-line, and the District has begun accepting brine from Central Coast Water Treatment.
- The Water Recycling Forum, held at the South County Regional Center on June 7th, was a great success. Thank you to our wonderful speakers, to our Staff for its hard work and to the public for attending and being an important part of this symposium.

MEDICATION DROP BOXES ARE NOW AVAILABLE

Why is it important to get rid of unwanted medications?

- Teenagers and young adults may abuse medications.
- Young children and pets accidentally ingest medications, potentially poisoning them.
- Taking expired or incompatible medications may be harmful.

Why should we avoid flushing medications or throwing them away in the trash?

- Wastewater treatment facilities are not designed to remove medications, so these materials pass untreated into our water systems and into our water supply.
- Medications thrown into the trash could be retrieved, and, if sent to the landfill, they may leach into the soil.

Please **DO NOT** flush or throw into the trash, or give to friends, relatives or strangers.

Only these items are accepted:

- Over-the-counter (OTC) medications/drugs
- Prescription medications or samples
- Medications for household pets
- Medicated lotions or ointments

For proper disposal, please follow these steps:

- Keep medications in original containers
- Remove all personal information (name, address, and phone number)
- Leave name of medication
- Drop off in the drop box locations shown

Please dispose of unwanted and unused medications at the following locations:



Arroyo Grande Police Station
200 North Halcyon Road
Arroyo Grande, CA

Grover Beach Police Station
711 Rockaway Avenue
Grover Beach, CA



Sheriff's South Patrol Station
1681 Front Street
Oceano, CA



SOUTH SAN LUIS OBISPO COUNTY SANITATION DISTRICT


Post Office Box 339 Oceano, California 93475-0339

1600 Aloha Oceano, California 93445-9735

Telephone (805) 489-6666 FAX (805) 489-2765

<http://sslocsd.org/>

MEMORANDUM

To: Board of Directors
From: John Wallace, District Administrator 
Date: June 6, 2012
Subject: Water Recycling Forum Update

Attached is the status and agenda for the Water Recycling Forum. Also attached is the advertisement published in the Five Cities Times Press Recorder on May 25, 2012. Other articles and news releases are being made.

Considerable outreach has been made to area farmers, public agencies, special interest groups, WRAC and County website posting, City of Pismo/City of AG/City of Grover Beach and Oceano CSD web site postings and noticing, and noticing has been placed in the local newspapers (Five Cities Times and LO Tribune) and posted on local television bulletin boards (KCBX, KSBY). Cynthia Lambert of The Tribune has also been contacted to hopefully write an article of this upcoming event. The meeting will be held at the South County Regional Center, and we are in the process of finalizing speakers, PowerPoint presentations and poster boards/handouts for the meeting.

<u>Agenda Item</u>	<u>Time</u>
Opening Statement/Keynote Address/Introductions Tony Ferrara, City of Arroyo Grande Mayo Bill Nicolls, Mayor Pro-Tem, City of Grover Beach Matthew Guerrero, President Oceano Community Services District	6:00 - 6:10
Background, Agenda, SSLOCSD Recycled Water Planning - John Wallace, P.E.	6:10 - 6:20
Prior Water Recycling Studies - Steve Tanaka, P.E.	6:20 - 6:30
County Master Water Plan Overview/Future of recycled water in our County Courtney Howard, P.E.	6:30 - 6:45
Recycled Water Policy/Regional Board Perspective - Matt Keeling, RWQCB	6:45 - 7:00
Pilot Project for RW Use in Monterey - Bahman Sheikh, P.E.	7:00 - 7:15
Overview of Water Recycling Program in Monterey County - Brad Hagemann, P.E.	7:15 - 7:30
BREAK	7:30 - 7:40
Farmers' Experience with Recycled Water Irrigation - Dale Huss (video)	7:40 - 7:50

Local Recycled Water Experience

Jennifer Metz, P.E., City of SLO

Martin J. Wilder, P.E. Laguna County Sanitation District

7:50 - 8:10

Roundtable Panel Discussion of Issues and Opportunities, Public Input and Comment

8:10 - 8:50

Closing, Acknowledgments, Next Steps - John Wallace, P.E.

8:50 - 9:00

ADJOURN

9:00



5/25/12 FCTP

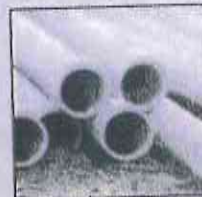
South San Luis Obispo County Sanitation District

WATER RECYCLING FORUM

Water Recycling Opportunities in South San Luis Obispo County



Date: June 7, 2012; 6:00 PM to 9:00 PM
Location: South County Regional Center
800 West Branch Street, Arroyo Grande
Information: Call 805 489-6666



Water Recycling will be a necessary component to meeting our future water demands in the South San Luis Obispo County Area, to effectively manage our groundwater resources, protect water quality, and comply with California Recycled Water goals. At this public forum, we will discuss recycled water opportunities in our region, and in particular discuss one major opportunity to utilize recycled water for local agricultural crop irrigation. This program has been effective and successful in Monterey County, and on a smaller scale, here in SLO and SB Counties. Please join us and provide your input as we discuss water recycling opportunities, and what next steps we must consider to accomplish our future water goals.

DISCUSSION TOPICS:

- Introductions and Key Stakeholders
- Prior Water Recycling Studies
- Water Recycling Program in Relation to County Master Water Plan
- State Water Recycling Policy, Regulations and Future Goals
- MRWPCA Agricultural Water Reuse Program
- Other Local Water Recycling Experience
- Public Input and Panel Discussion
- Next Steps

