

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/>

Agenda

Board of Directors Meeting

1655 Front Street
Oceano, California 93445

Wednesday, November 7, 2012 at 6:00 PM

Board Members

Bill Nicolls, Chairman
Matthew Guerrero, Vice Chairman
Tony Ferrara, Director

Alternates

John Shoals, Director
Lori Angello, 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 October 17, 2012 Special Meeting**3b. Review and Approval of Warrants****4. PLANT SUPERINTENDENT'S REPORT****5. BOARD ACTION ON INDIVIDUAL ITEMS:****A. LOCAL HAZARD MITIGATION PLAN**

Staff recommends the Board receive a presentation by Dave Mathe of the Draft local Hazard Mitigation Plan.

B. FEMA REIMBURSEMENT UPDATE

Staff recommends the Board receive and file report.

C. FFR PUMP PARTS PURCHASE

Staff recommends the Board approve the purchase a complete rotating assembly, fronthead and wear ring in the amount of \$25,970.93 from ABBA Pump Parts.

D. GAS MONITOR PURCHASE

Staff recommends the Board approve the purchase of two Ventis gas monitors, docking station, and flow regulator from Titan Industrial Supply in the amount of \$4,966.05.

E. PURCHASE OF A 40 HP ELECTRIC MOTOR

Staff recommends the Board approve the purchase of a 40 horsepower electric motor for \$6,661.81 from Perry's Electric Motor.

F. TRUNK SEWER CLEANING AND CCTV INSPECTION

Staff recommends the Board direct staff to finalize specifications for trunk sewer cleaning and video inspection and solicit bids for this work.

G. PURCHASE OF 3,000 GALLON CHLORINE TANK

Staff recommends the Board approve the purchase of a 3,000 gallon replacement chlorine tank from Loomis Tank in the amount of \$7,053.42

H. CANCELLATION OF NOVEMBER 21, 2012 MEETING AND SCHEDULE A SPECIAL MEETING ON NOVEMBER 20, 2012 (VERBAL)**6. MISCELLANEOUS ITEMS**

- a. Miscellaneous Oral Communications
- b. Miscellaneous Written Communications

7. PUBLIC COMMENT ON CLOSED SESSION

8. CLOSED SESSION

- 1) Conference with Legal Counsel regarding existing litigation pursuant to Government Code Section 54956.9; potential 1 case
Mascolo v SSLOCSD et.al. CV110676
Central Coast RWQCB vs SSLOCSD et. al. ACLC No. R3-2012-0030
- 2) Conference with Legal Counsel regarding significant exposure to litigation pursuant to Government Code section: § 54956.9 subdivision b; 1 case

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 the Meeting of Wednesday, October 17, 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; Trini Rodriguez, Shift Supervisor; Matthew Haber, District Bookkeeper/Secretary

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 October 3, 2012.

B. Review and Approval of Warrants.

C. Financial Report ending September 30, 2012

It was noted that the Agenda must be amended to reflect the approval of the Minutes of the Meeting of October 3, 2012 and not those of the Meeting of September 5, 2012 as written.

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 presented the final data for September 2012. The average effluent BOD was 19 mg/L, and average Total Suspended Solids (TSS) was 34 mg/L. Both have limits of 40 mg/L.

Plant Superintendent Barlogio said that there had been a couple high fecal results which were still within limits. Staff has adjusted the chlorine usage up, and average chlorine usage has been 396 gallons per day. The flash mixer also went out of service.

Staff has changed out the valves for the No.1 influent pump. Plant Superintendent Barlogio said that Shift Supervisor Trini Rodriguez did great work in getting things set up and supervising the workers.

Vice Chairman Guerrero asked about where the high fecal counts were coming from. Plant Superintendent Barlogio said that it could be due to insects and larvae. He said that Staff is doing some nitrate and nitrite testing because high levels deplete chlorine.

Plant Superintendent Barlogio also spoke to the potential salary adjustments. He let the Board know that

Staff is making a concerted effort to keep costs down and do as much in-house so that the District has money to do other projects. The Board gave its appreciation and recognition of Staff's efforts. Administrator Wallace added that any adjustments made in December or after the mid-year budget review could be made retroactively if desired.

5. BOARD ACTION ON INDIVIDUAL ITEMS

A. PRETREATMENT ORDINANCE UPDATE CONTRACT AGREEMENT

Administrator Wallace indicated that Staff had previously issued an RFP to firms for the development of a pretreatment ordinance. Thus, Staff solicited different proposals, and negotiated with Carollo Engineers to reduce costs. It is recommended that the Board execute the agreement with Carollo Engineers for the development of a revised pre-treatment ordinance.

Director Ferrara asked about anticipated changes. Administrator Wallace replied that the present ordinance would be rewritten in accordance with the EPA requirements, and it would be structured as to protect the District and to establish reasonable limits for the industries within the District's service area. Counsel Seitz added that, because the original ordinance is quite old, there are a number of major changes in terms of what has to be reported.

It was moved by Vice Chairman Guerrero, seconded by Director Ferrara to approve the staff recommendation that the Board execute the agreement with Carollo Engineers for the development of a revised pre-treatment ordinance. Motion carried unanimously.

B. CIRCUIT BREAKER PURCHASE

Plant Superintendent Barlogio said that part of the spill response was the splitting of the influent pumps onto two separate circuit breakers so as not to rely on a single circuit breaker to handle all four influent pumps. The plan is to have two pumps on one circuit breaker and two pumps on another and each one will have its own separate shunt trip. As a part of this work, Thoma Electric will approve the plan.

It was moved by Vice Chairman Guerrero, seconded by Director Ferrara to approve the staff recommendation that the Board approve the purchase of two Square D circuit breakers with shunt trips installed by the factory from California Electric Supply, Santa Maria, for the amount of \$2,602.80. Motion carried unanimously.

C. CIRCUIT BREAKER INSTALLATION

Plant Superintendent Barlogio said that he had solicited quotes for the installation of the circuit breakers. The work will be done at nighttime since the influent pumps will need to be shut off. Wescorp had the lowest quote of \$135 per hour.

Chairman Nicolls asked whether this is work which needs to be performed by a licensed electrician. Plant Superintendent Barlogio indicated that a licensed electrician is required.

It was moved by Director Ferrara, seconded by Vice Chairman Guerrero to approve the staff recommendation that the Board approve the hiring of Wescorp to install the two shunt trip, 100 amp circuit breakers and connect them to the influent pump station for an amount not-to-exceed \$2,500. Motion carried unanimously.

D. COGEN ENGINE REPAIRS, 01 MBI 01

Administrator Wallace advised that the cogen system needs to be repaired to mitigate the loss of electrical power savings. Engineer Bill Lindahl has been coordinating with various vendors to get the best prices for the first phase of the work.

Mr. Lindahl spoke about the different phases. He said that time critical phases need to be addressed quickly because they either affect the safety of operation of the cogen system, or they address the damage already done to the system. The remaining phases may be addressed later.

It was moved by Vice Chairman Guerrero, seconded by Director Ferrara to approve the staff recommendation that the Board approve the MAN cogen engine repairs to be performed by RDI Energy in the not-to-exceed amount of \$30,000 (including tax on the parts) and make the finding that this service from a factory-authorized service center is required and therefore will be purchased sole source. Motion carried unanimously.

6. MISCELLANEOUS ITEMS

A. Miscellaneous Oral Communications

Administrator Wallace said that Staff is looking into the cost of the Member Agencies' billing services and will come back with recommendations at a subsequent meeting.

B. Miscellaneous Written Communications

Administrator Wallace presented a draft fact sheet emphasizing different points having to do with the action which took place at the Water Board hearing on September 7th.

Director Ferrara said that at this time it is important to keep the respective Member Agencies' city councils and boards of directors informed. Director Ferrara asked directors to include the fact sheet in their reports at city council and board meetings.

7. PUBLIC COMMENT ON CLOSED SESSION

There were no public comments.

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. CV110676
Central Coast RWQCB vs. SSLOCSD et al. ACLC No. R3-2012-0030
- (2) Conference with Legal Counsel regarding significant exposure to litigation pursuant to Government Code Section 54956.9 subdivision b; 1 case

9. RETURN TO OPEN SESSION; REPORT ON CLOSED SESSION

District Counsel Seitz reported that the Board had discussed these items and there was 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
11/7/2012

ISSUED TO	PURCHASE/SERVICE	INV. # / SERVICE PERIOD	WARRANT NO.	ACCT	ACCT BRKDN	TOTAL
ABBA EMPLOYER SERVICES	CONTRACT LABOR	18136 18144 18160 18172	110712-7021	6085	3,455.52	3,455.52
ACTION ROOTER	PLUMBING SERVICE	7614	22	7079	375.00	375.00
AIRFLOW FILTER SERVICE	USED OIL FILTER SERVICE	10576	23	8030	65.00	65.00
AIRGAS SAFETY INC.	SAFETY SUPPLIES	9009421135	24	8056	80.51	80.51
AMERICAN INDUSTRIAL SUPPLY	MISC SUPPLIES	0243254-IN	25	8060	29.47	29.47
APPLIED INDUSTRIAL TECH	MISC SUPPLIES	85749315	26	8060	11.38	540.02
	INFLUENT PUMP COUPLING	85749335 06 MBI 13		26/8065	528.64	
ARAMARK UNIFORMS	EMPLOYEE UNIFORMS	7348205 7366150	27	7025	381.99	381.99
AVG PLUMBING	PLUMBING SERVICE	CONTRACT #3694	28	7079	152.13	152.13
B&B STEEL & SUPPLY	STEEL	401351 402283	29	8060	667.10	667.10
BC PUMP	PUMP REBUILD	27181	30	8030	988.29	988.29
BILL NICOLLS	BOARD SERVICE	OCTOBER	31	7075	200.00	200.00
BRENNITAG PACIFIC, INC	PLANT CHEMICALS	247022 247535 247536 248749	32	8050	19,694.75	19,694.75
C&S INDUSTRIAL COATING	PAINT THINNER	4557	33	8060	58.08	58.08
CA ELECTRIC SUPPLY	MISC SUPPLIES	7826-503326 7826-504320	34	8060	474.06	474.06
CH2M HILL ENGINEERS	ENGINEERING CONSULTING	38112020021	35	7070	6,589.13	6,589.13
CHARTER	INTERNET SERVICE	NOVEMBER	36	7011	59.99	59.99
CONSOLIDATED ELECTRIC	MISC SUPPLIES	7605-548672	37	8060	26.12	26.12
CSDA	MEMBERSHIP DUES	2013 ANNUAL	38	7050	1,321.00	1,321.00
DOWNEY BRAND LLP	LEGAL SERVICES	439754	39	7070	632.70	632.70
FARM SUPPLY COMPANY	MISC SUPPLIES	624 1591	40	8060	459.31	459.31
FEDEX	SHIPPING	2-055-22522 2-062-77201	41	8045	231.44	231.44
FERGUSON ENTERPRISES	FLANGE FOR INFLUENT PUMP	8751317 06 MBI 13	42	26/8065	632.78	632.78
FGL ENVIRONMENTAL	CHEMICAL ANALYSIS	283024A 283057A 283110A 283144A 283185A 283253A 283280A 283288A	43	7078	618.00	618.00
GAS COMPANY	GAS SERVICE	9/21/12 TO 10/22/12	44	7092	1,777.24	1,777.24
GORDON SAND	SAND FOR SANDBLASTING	0622274-IN 0622280-CM	45	8060	548.69	548.69
GRAPHIC CONTROLS	CHARTS FOR FLOW METER	KT5504	46	8030	182.31	182.31
HACH	LAB SUPPLIES	8006663	47	8040	194.03	194.03
HARRINGTON INDUSTRIAL PLASTICS	MISC SUPPLIES	1375430 1375520 1375521	48	8060	912.78	912.78
HERTZ EQUIPMENT RENTAL	CRANE RENTAL	26477132-001 06 MBI 13	49	26/8065	1,014.33	1,014.33
ILI SUPPLY	MISC SUPPLIES	16031	50	8060	79.71	506.14
	GASKETS FOR INF PUMP PIPING	16161 16201 06 MBI 13		26/8065	426.43	
JB DEWAR INC	VEHICLE FUEL	9827	51	8020	88.94	88.94
KEMIRA	FERRIC CHLORIDE	9017300146	52	8050	7,574.26	7,574.26
LIBERTY COMPOSTING	BIO SOLIDS TESTING	4828	53	7078	390.00	390.00
LINC DELIVERY	DELIVERY SERVICE	SEPTEMBER	54	8040	280.00	280.00
LOUIE'S CRANE SERVICE	CRANE SERVICE	7981 7986 7992 7994	55	8060	1,040.00	1,040.00
MATTHEW GUERRERO	BOARD SERVICE	OCTOBER	56	7075	200.00	200.00
PERRY'S ELECT MOTORS	POLYMER MIXER MOTOR	14511	57	8060	277.68	277.68
PERS MEDICAL	EMPLOYEE MEDICAL	NOVEMBER	58	6010	12,227.42	12,227.42
PRAXAIR	MISC SUPPLIES	44270376 44339338	59	8060	248.66	248.66
SANTA MARIA DIESEL	MISC SUPPLIES AND SERVICE	31499 31501 31508 45186	60	8030	1,366.11	1,366.11
STANLEY SECURITY	SECURITY - NOVEMBER	9627403	61	7011	62.20	62.20
STATE FUND COMPENSATION	WORKERS' COMP	NOVEMBER	62	8080	10,391.75	10,391.75
STATE WATER RESOURCES CONTROL BOARD	CERTIFICATION RENEWAL	ALLEN	63	7068	130.00	130.00
TEKTEGRITY	MANAGED IT SERVICE - NOV	23692-112	64	7015	346.50	346.50
THOMA ELECTRIC	ELECTRICAL ENGINEERING CONSULTING	28597 28598	65	7070	13,714.50	13,714.50
TIMOTHY M. SMITH (SNAP-ON TOOLS)	SMALL TOOLS	223500	66	8055	285.29	285.29
TITAN INDUSTRIAL	SMALL TOOLS	1051858	67	8055	16.36	514.86
	SAFETY SUPPLIES	1051902 1051904 1051939		8056	498.50	
TONY FERRARA	BOARD SERVICE	OCTOBER	68	7075	200.00	200.00
US POSTAL SERVICE	PO BOX RENTAL FEE	2012-2013	69	8045	136.00	136.00
USA BLUEBOOK	CHLORINE ANALYZER SUPPLIES	803965	70	8040	267.05	267.05
WW GRAINGER	MISC SUPPLIES	9947328887	71	8030	117.87	647.34
	HOUSEHOLD SUPPLIES	9957252803		8035	189.62	
	SMALL TOOLS	9954178696		8055	67.32	
	SAFETY SUPPLIES	9953410264 9957252795 9960521491		8056	272.53	
SUB TOTAL					93,256.47	93,256.47
PAYROLL	PPE 10/19/2012				22,343.39	22,343.39
GRAND TOTAL					115,599.86	115,599.86

We hereby certify that the demands numbered serially from 110712-7021 to 110712-7071 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:

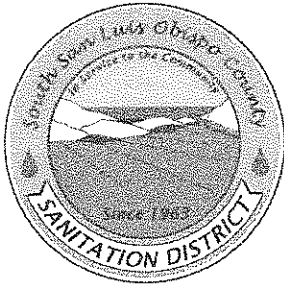
DATE: _____

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
Telephone (805) 489-6666 FAX (805) 489-2765
<http://www.sslocsd.org/>

To: Board of Directors
From: Bob Barlogio, Plant Superintendent
Via: John Wallace, District Administrator *W*
Date: Nov 7, 2012

Subject: Superintendent's Report

On Oct 24, 2012, when staff grabbed the daily fecal coliform sample and chlorine residuals, he noted that the chlorine residual was lower than normal. Staff checked the chlorination system and found an electrical issue with the chemical pump. Staff corrected the problem and resampled for fecal and chlorine residual two more times that afternoon until the residual was back to normal. A total of three samples, spanned over three hours. The lab reported that the middle fecal sample was very high, >160,000mpn. The sample results on either side were 400mpn, and 40mpn. Because of the high fecal result, staff grabbed samples in the surf, testing for total and fecal coliform bacteria. The fecal results came back low, between <2 and 4mpn. Total coliform came back at 17, 2, and 2mpn. Our permit states that the District shall not cause the receiving water to exceed 1,000mpn for total coliform, 200mpn for fecal coliform.

Whenever we have a low chlorine residual, staff resamples for fecal coliform until we obtain a normal total chlorine residual. All fecal samples are sent to the lab for analysis. All the results are reported to the Water Board with the date and time the samples were taken, along with an explanation of the cause.

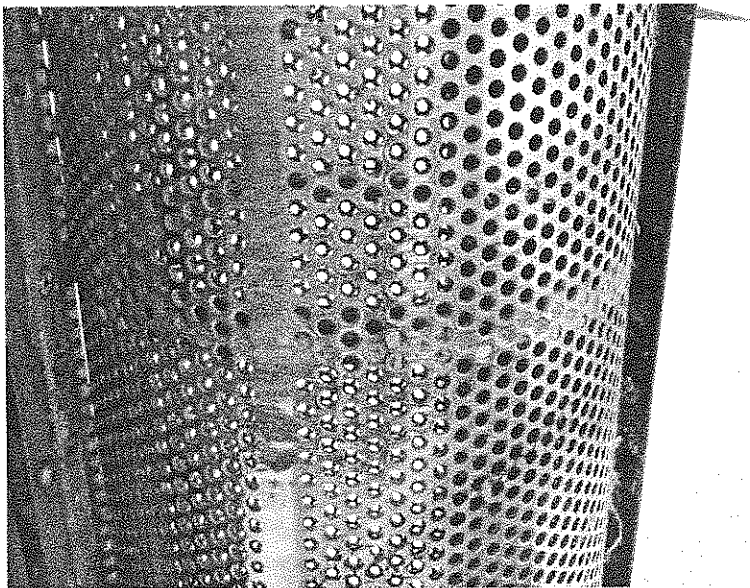
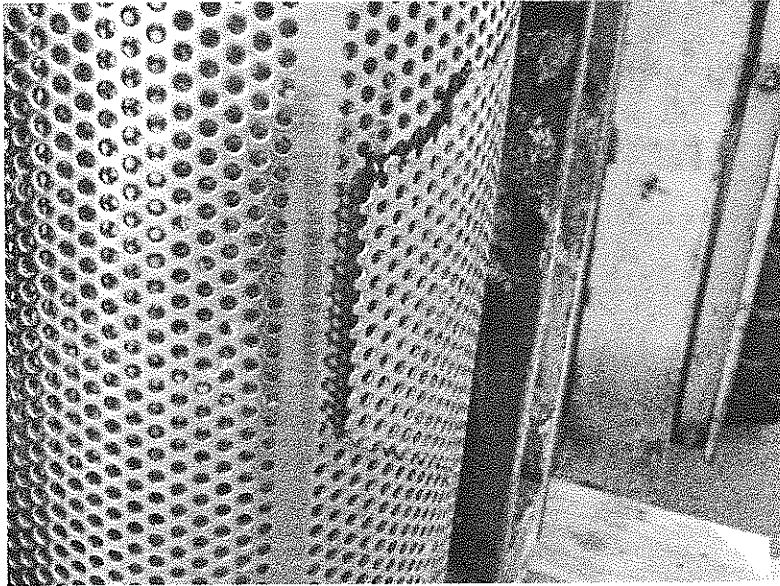
To prevent a low chlorine residual from occurring again, I ordered a chlorine analyzer/monitor. The unit will monitor the total chlorine residual at the front end of the disinfection process. If the chlorine residual drops below a desired set point, the monitor will kick on a standby chlorine feed pump, dosing the disinfection system with bleach. The unit will also energize a flashing light alarm, alerting staff that we have a problem with a low residual.

I ordered the chlorine analyzer/monitor but exceeded my spending limit of \$1500, by \$1500. I coordinated with Mr. Wallace on this purchase.

We had a leak on the main sodium hypochlorite (bleach) tank fittings. The tank had to be drained; a crane removed it from the secondary containment, and cleaned. Trini cancelled some of his vacation to insure the repairs were completed to his satisfaction. During the repairs, we were forced to use the back-up tank. Upon filling that tank to capacity, we found that it had a leak. To get us through the week and weekend, staff filled several 275 gallon totes with bleach

and transferred product as needed into the tank. After the repairs were completed on the main tank, a crane lowered the unit back into the secondary containment; connections were made, the tank tested for leaks, and refilled with 4500 gallons of bleach. The main tank was put back into service. Staff has made a request for the purchase of another tank in this board packet. The back-up tank is estimated to be about 22 years old.

One the grinders at the front of the plant, broke the drum weld. We contacted the vendor, JWCE, and they granted us permission to weld the drum, so we can put the unit back into service with out voiding any warranties. Trini used the TIG welder to make the repairs, and the unit is back in service.



During the last several weeks, staff has been collecting nitrate and nitrite samples, to determine if they are causing interference with the disinfection process. We do not have enough data to make a determination at this time.

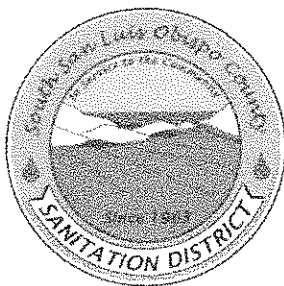
The numbers for the plant, from the results I have on Oct 30, look like this;

Flow averaged 2.51 million gallons; daily maximum was 2.82 million gallons

BOD in 362 mg/l, out 17 mg/l, the TSS in 410 mg/l, out 32 mg/l

We averaged 710 gallons of bleach a day because the flash mixer is out of service. A new unit was scheduled to be shipped Nov 5, 2012. I received an e mail recently that the date has been pushed back by two weeks, due to production problems.

The highest 7-sample median was 130mpn, limit of 200. But with the one sample of >160,000 it will cause a violation and possible fine.



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: Bob Barlogio, Plant Superintendent
Via: John Wallace, District Administrator
Date: November 7, 2012
Subject: Local Hazard Mitigation Plan

Recommendation:

Staff recommends the Board receive a presentation of the Draft Multi-Jurisdictional Local Hazard Mitigation Plan from David Mathe.

Funding:

N/A. However, there are potential future costs to reduce the District's vulnerability and mitigate hazards as to the identified hazards in this plan. The District could possibly also pursue grants associated with reducing these hazards and incorporate other items in future budgets.

Discussion:

The Multi-Jurisdictional Local Hazard Mitigation Plan is a plan that addresses local specific hazard mitigation issues. The goal of this multi-jurisdictional plan is to have practical, cost-effective solutions to minimize the District's and the community's vulnerability to the hazards identified in the plan and ultimately reduce human, environmental, and financial losses.

This plan covers risk and vulnerability assessments of earthquakes, flooding, fire, and tsunamis. The proposed mitigation actions, special environmental concerns, time lines, and potential funding sources.

The City of Arroyo Grande, Grover Beach, Lucia Mar Unified School District, and South San Luis Obispo County Sanitation District have worked together with David Mathe to develop this detailed plan.

At this time, it is appropriate for the Board to receive a presentation by Mr. Mathe on the Draft Plan and to provide any comments. Attached is the executive summary of the current draft of the document. The full document will be available at the Board meeting on November 7th.

MULTI-JURISDICTIONAL LOCAL HAZARD MITIGATION PLAN

City of Arroyo Grande, CA.

City of Grover Beach, CA.

Lucia Mar Unified School District, Arroyo Grande, CA.

South San Luis Obispo County Sanitation District, Oceano, CA.

Month-Day-Year
Author

Multi-Jurisdictional Local Hazard Mitigation Plan

Table of Contents

Multi-Jurisdictional Local Hazard Mitigation Plan

I. EXECUTIVE SUMMARY

A. General Plan Description

The Cities of Arroyo Grande and Grover Beach, the South County Sanitation District, and the Lucia Mar Unified School District, have united to develop a jurisdiction specific hazard mitigation plan. The goal of this multi-jurisdictional plan is to arrive at practical, meaningful, attainable and cost-effective mitigation solutions to minimize each jurisdiction's vulnerability to the identified hazards and ultimately reduce both human and financial losses subsequent to a disaster.

Development of this mitigation plan entailed assessing the planning capabilities, securing political support and soliciting input and approval from each of the involved communities. Risk assessments were then performed which identified and evaluated each natural and man-made hazard that could impact these areas. Historical hazard events are described. The future probability of these identified hazards and their impact on each of these communities is described.

Vulnerability assessments were performed which summarized the identified hazards' impact to each community's critical structures and infrastructure and future development. An estimate of the potential dollar losses to vulnerable structures was determined.

The risk and vulnerability assessments were used to determine mitigation goals and objectives to minimize long-term vulnerabilities to the identified hazards. These goals and objectives were the foundation behind the development of a comprehensive range of specific attainable mitigation actions created for each jurisdiction.

An action plan has been developed which entails adopting, implementing, assigning responsibility, monitoring, and reviewing this hazard mitigation plan over time, to ensure the goals and objectives are being achieved and the plan remains a relevant document.

B. Plan Purpose and Authority

The Disaster Mitigation Act (DMA) of 2000, also commonly known as "The 2000 Stafford Act Amendments" (the Act), constitutes an effort by the Federal government to reduce the rising cost of disasters. The Act stresses the importance of mitigation planning and disaster preparedness prior to an event.

Mitigation Planning Section 322 of the Act requires local governments to develop and submit mitigation plans in order to qualify for the Hazard Mitigation Grant Program (HMGP) project funds. It also increases the amount of HMGP funds available to states meeting the enhanced planning criteria, and enables these funds to be used for planning activities.

To facilitate implementation of the DMA 2000, the Federal Emergency Management Agency (FEMA) created an Interim Final Rule (the Rule), published in the Federal Register in February of 2002 at section 201 of 44 CFR. The Rule spells out the mitigation planning criteria for States and local communities. Specific requirements for local mitigation planning efforts are outlined in section §201.6 of the Rule. Local jurisdictions must demonstrate that proposed mitigation actions are based upon a sound planning process that accounts for the inherent risk and capabilities of the individual communities as stated in section §201.5 of the Rule.

In developing this comprehensive Multi-jurisdictional Hazard Mitigation Plan, FEMA's Multi-Hazard Mitigation Planning Guidance (July 2008) was strictly adhered to for the purpose of ensuring thoroughness, diligence, and compliance with the new DMA 2000 planning requirements.

Multi-Jurisdictional Local Hazard Mitigation Plan

II. PLANNING PROCESS

A. DMA 2000 Requirements

§201.6(b)	An open public involvement process is essential to the development of effective plan. In order to develop a more comprehensive approach reducing the effects of natural disasters, the planning process shall include:
§ 201.6(b) (1)	(1) An opportunity for the public to comment on the plan during the drafting stage and prior to plan approval;
§201.6(b) (2)	(2) An opportunity for neighboring communities, local and regional agencies involved in hazard mitigation activities, and agencies that have the authority to regulate development, as well as businesses, academia other private and non-profit interests to be involved in the planning process; and
§ 201.6(b) (3)	(3) Review and incorporation, if appropriate, of existing plans, studies, reports, and technical information.
§ 201.6(c) (1)	[The plan shall document] the planning process used to develop the plan, including how it was prepared, who was involved in the process, and how the public was involved.
§201.6(c)(2)(i)	[The risk assessment shall include a] description of the local and extent of all natural hazards that can affect the jurisdiction. The plan shall include information on previous occurrences of hazard events and on the probability of future hazard events.
§201.6(c)(2)(ii)	[The risk assessment shall include a] description of the type of all natural hazards that can affect the jurisdiction.
§201.6(c)(3)	[The Local Hazard Mitigation Plan must include a] mitigation strategy that provides the jurisdiction's blueprint for reducing the potential losses identified in the risk assessment, based on existing authorities, policies, programs, and resources, and its ability to expand on and improve these existing tools."
§201.6(c)(3)(i)	[The hazard mitigation strategy shall include a] description of mitigation goals to reduce or avoid long-term vulnerabilities to the identified hazards.
§201.6(c)(3)(ii)	[The mitigation strategy shall include a] section that identifies and analyzes a comprehensive range of specific mitigation actions and projects being considered to reduce the effects of each hazard, with particular emphasis on new and existing buildings and infrastructure.

Multi-Jurisdictional Local Hazard Mitigation Plan

A. DMA 2000 Requirements (continued)

§201.6(c)(3)(iii)	[The mitigation strategy section shall include] an action plan describing how the actins identified in section (c)(3)(ii) will be prioritized. Prioritization shall include a special emphasis on the extent to which benefits are maximized according to a cost benefit review of the proposed projects and their associated costs.
§ 201.6(c) (4) (i)	[The plan maintenance process shall include a] section describing the method and schedule of monitoring, evaluating, and updating the mitigation plan within a five-year cycle.
§201.6(c)(4)(ii)	[The plan shall include a] process by which local governments incorporate the requirements of the mitigation plan into other planning mechanisms such as comprehensive or capital improvement plans, when appropriate.
§ 201.6(c) (4) (iii)	[The plan maintenance process shall include a] discussion on how the Community will continue public participation in the plan maintenance process.

B. Revised Plan Development

In March 2008 FEMA approved the Local Hazard Mitigation Plan for the Cities of Arroyo Grande and Grover Beach and the Lucia Mar Unified School District. It is required that Local Hazard Mitigation Plans are to be revised to reflect any Hazard changes within the Plans partners. The 2008 Plan is scheduled to be revised on or before March 2013. Planning work was started in late 2011 and continued into the third quarter of 2012.

The City of Arroyo Grande acted as Project Manager for the 2008 Plan. It was agreed by all partners that the Five Cities Fire Authority would continue in that role for the 2013 revised plan.

The City of Arroyo Grande was approached by the South County Sanitation District to become partners in the 2013 Plan. They have been welcomed to participate in the Plan Development process.

C. Public and Jurisdiction Input Process §201.6(b)

Each of the participating jurisdictions have provided input consisting of Hazard Analysis, Hazard Mitigation actions, Hazard Identification, Vulnerability Assessment and Risk Assessment. Planning meetings with partner staff was conducted through the entire revision process.

D. Public Comment § 201.6(b) (1)

The opportunity for public input was advertised in the San Luis Obispo County newspaper, the Tribune, and the Five Cities newspaper, the Times-Press-Recorder.

The Draft of the Hazard Mitigation Plan was posted on each of the jurisdictions web page for public comment and review for 30 days. A public comment opportunity was provided at the Grover Beach City Council Meeting, insert date, Arroyo Grande City Council Meeting, insert date, Lucia Mar Unified School District Board Meeting, insert date, and the South County Sanitation District Board of Directors Meeting insert date.

Multi-Jurisdictional Local Hazard Mitigation Plan

Arroyo Grande Hazard Mitigation Plan Revision Planning Group

Name	Representing
Caren Ray	Council Member
Dan Langstaff	Arroyo Grande Police Department Detective Sergeant
Randy Russom	Citizen
Matt Downing	California Polytechnic State University Intern to the City of Arroyo Grande
David Mathe	Five Cities Fire Authority, Project Manager

Grover Beach Hazard Mitigation Revision Planning Group

Name	Representing
John P. Schoals	Council Member
Bob Perrault	Grover Beach City Manager
Jim Copsey	Grover Beach Police Chief
Breven Baima	Citizen
David Mathe	Five Cities Fire Authority, Project Manager

South County Sanitation Hazard Mitigation Revision Planning Group

Name	Representing
Tony Ferrara	SCSD Board Member
Bob Barlogio	SCSD Superintendent
Joe Costello	Citizen
David Mathe	Five Cities Fire Authority, Project Manager

Lucia Mar Unified School District

Name	Representing
Kevin F. Baker	Lucia Mar Unified School District
Denise Bailey	Lucia Mar Unified School District
	Citizen
David Mathe	Five Cities Fire Authority, Project Manager

Matthew Downing, a City and Regional Planning Master's Candidate at California Polytechnic State University, San Luis Obispo and Planning Intern with the City of Arroyo Grande Community Development Department, was assigned to this project. He provided GIS mapping services, acted as a liaison from the Community Development Department to provide information concerning current and future development projects within Arroyo Grande, and provided an educational viewpoint on the update of Local Hazard Mitigation Plans. Mr. Downing was critical to the revision of this Plan.

E. Neighboring Communities §201.6(b) (2)

Each of the Partners participated throughout the planning process. Additionally, the governing bodies of each jurisdiction reviewed the plan and jurisdiction representatives provided input throughout the plan's development. Further participation occurred through interviewing multiple public officials and staff members in their areas of specific expertise (i.e.-public works directors, city engineering staff, the Five Cities Fire Authority Chief, Community Development Director, City Finance Officers, City Clerks, School District Facilities Manager).

A draft plan was developed and forwarded to California Office of Emergency Services and the Federal Emergency Management Agency (FEMA) for a courtesy review on Insert date. The plan was modified slightly as a result of

Multi-Jurisdictional Local Hazard Mitigation Plan

recommendations made by these agencies. The revised drafted plan was once again reviewed by the Local Hazard Mitigation Planning group, posted on the partner's web page for public comment, and then presented for approval by the involved jurisdictions. On insert date, the Arroyo Grande City Council, received public testimony on the plan and adopted it by resolution insert #. On insert date the Grover Beach City Council reviewed the plan and received additional Public testimony and adopted the plan by resolution insert #. The Lucia Mar Unified School District board, in a public hearing adopted the plan as its official document. The resolution. Insert resolution #. The South County Sanitation District Board of Directors, in a public hearing, adopted the plan as its official document by resolution insert #.

F. Incorporation of Existing Plans and Other Information § 201.6(b) (3)

At the onset of and throughout the hazard mitigation planning process, all applicable local emergency operations plans and geotechnical reports were reviewed and incorporated into this mitigation plan. The following sources were used:

- City of Arroyo Grande General Plan
- City of Grover Beach General Plan
- State Hazard Mitigation Plan
- Local and State land use regulations
- Flood ordinances
- Cities of Arroyo Grande and Grover Beach Drainage Master Plan
- Cities of Arroyo Grande and Grover Beach Water Master Plan
- City of Arroyo Grande Emergency Operations Plan.
- City of Grover Beach Emergency Operations Plan.
- Lucia Mar Unified School District Emergency Operations Plan.
- Past disaster declarations
- Flood Insurance Rate Maps (FIRM's)
- Spill Prevention Control and Countermeasure Plan for the Lucia Mar Unified School District
- City of Arroyo Grande, General Plan, Safety element
- City of Grover Beach, General Plan, Safety element
- South County Sanitation District Emergency Operations Plan

G. Planning Process Development §201.6(c) (1)

Throughout the planning process, the Project Manager made a concerted effort to gather information from Plan Partners departments, as well as state and federal agencies, the local business community, area residents and other stakeholders.

The solicited information was from departments, agencies and people with specific knowledge of natural hazards, and past historical events, as well as planning and zoning codes, ordinances and recent planning decisions. The hazard mitigation strategies contained in this plan were developed through an extensive planning process involving the partner Local Hazard Mitigation Revision Planning Groups.

Multi-Jurisdictional Local Hazard Mitigation Plan

H. Hazard Identification §201.6(c) (2) (i)(ii)

Central California is susceptible to a number of natural hazards. The State of California identifies the following types of natural hazards that California has encountered since 1950: Agricultural, earthquake, fire, flood, landslides, volcanoes and extreme weather.

The following natural occurring hazards may impact the plan partners: earthquake, flood (dam failure), fire, and tsunami. It is unlikely the following natural hazards would impact any of the partners: agricultural, volcanoes, extreme weather. Natural hazards that have impacted the partners are: earthquake, flood, fire, and tsunami.

Historical data, catastrophic potential relevance to the partners and the probability and potential magnitude of future occurrences were all used to reduce and prioritize the natural hazards most relevant to the plan partners. The specific impacts to each partner will be discussed in detail in their descriptions.

I. Plan Maintenance Monitoring § 201.6(c) (4) (i)

The Project Manager will take responsibility for plan maintenance and implementation. Plan implementation and evaluation will be a shared responsibility among all Plan Partners. The Local Hazard Mitigation Revision Planning Groups will meet at least once a year. These meeting will provide an opportunity to discuss the progress of the Plan Mitigation Measures, and maintain the partnerships that are essential for the sustainability of the Plan.

J. Implementation Through Existing Plans and Programs §201.6(c)(4)(ii)

The Cities of Arroyo Grande and Grover Beach have established land use planning, development standards, capital improvement plans, building and fire codes and additional regulatory processes that enable them to guide and control development in their communities. The South San Luis Obispo County Sanitation District and the Lucia Mar Unified School District have established capital improvement plans that allows them, as funding is available, to address Plan Mitigation Measures.

The Cities of Arroyo Grande and Grover Beach will include the Plan into their respective Safety Element of the Municipal Codes.

K. Plan Maintenance Community Participation § 201.6(c) (4) (iii)

The Plan Partners are dedicated to involving the public in the review and updates to the Plan. Copies of the Plan will be available at all Partner Business Offices, and City Halls. The existence and location of the Plan will be publicized in the local press and partner websites. The site will also contain an email address where the public can direct their comments. A public meeting will be held after each evaluation or when deemed necessary by the Local Hazard Mitigation Revision Planning Groups. The meetings will provide the public a forum in which they can express their concerns, opinions, or ideas about the Plan.

L. Hazard Locations and Impacts § 201.6(c) (2)(i)

The type and locations of natural hazards impacting the Plan participants are located in the individual Plan participants Hazard Maps.

M. National Flood Insurance Program (NFIP) Participation §201.6(c) (2)(ii)

The cities of Arroyo Grande and Grover Beach are participants in the National Flood Insurance Program. The Arroyo Grande CID # is 060305. The City of Grover Beach CIS # is 060306. There are no repetitively flood damaged structures in Arroyo Grande or Grover Beach.

Multi-Jurisdictional Local Hazard Mitigation Plan

The Lucia Mar Unified School District and the South San Luis Obispo County Sanitation District participate in the National Flood Insurance Program as special districts within the County of San Luis Obispo County Government. The CID # is 060304.

There have been no repetitively flood damages structures in the Lucia Mar Unified School District or the South San Luis Obispo County Sanitation District

N. National Flood Insurance Program (NFIP) continued participation and compliance §201.6(c) (3)(ii)
All Plan participants will continue to participate and remain in compliance with the National Flood Insurance Program. (NFIP)

O. Hazard Profiles §201.6(c)(2)(i)

All Plan partners are susceptible to the following natural occurring hazards:

- a. Earthquake
- b. Flood Dam Failure
- c. Wildfire
- d. Tsunami

The impacts of each hazard to the Plan partners vary. The impacts are discussed in detail within the individual partner's community description.

a. Earthquake

History

1934, 1966 and 2004 Parkfield Earthquakes. These earthquakes had magnitudes of 6.0 and 5.5, respectively, and occurred on the San Andreas Fault in or near the northeast corner of San Luis Obispo County, approximately 75 miles north east of the Plan area. Earthquake intensities generally conformed to anticipated characteristics for events of this size, with intense shaking (VII-VIII) being limited to a relatively small area near the epicenters of the quakes. Moderate shaking was experienced in most of the central and western parts of San Luis Obispo County.

2003 San Simeon Earthquake. The San Simeon Earthquake struck at 11:15 a.m. on December 22, 2003. The magnitude 6.5 earthquake is attributed to having occurred near the San Simeon/Oceanic/Hosgri Fault system. The epicenter was approximately six miles from the community of San Simeon.

Future Probability

There are a number of active or potentially active fault systems throughout the county and given the past history of earthquakes in the area, experts agree that the probability of a damaging earthquake occurring is high.

Risk Assessment

The greatest threat to these cities, the school district and the sanitation district from a natural hazard is that of a significant earthquake. Based on the past history of damaging earthquakes and the fact that the Plan area is located within a seismically active region, the probability is rated MEDIUM. Given the properties at risk and the cascading effects the severity is rated as HIGH.

Multi-Jurisdictional Local Hazard Mitigation Plan

b. Flood/Dam Inundation

Flood History

Over the years, the study area has experienced severe flooding events that have resulted in extensive property damage. Historical floods include:

March, 2001. Central and Southern California was significantly impacted by a powerful storm that delivered up to 6 inches of rain in some of the coastal areas of San Luis Obispo County. The mountain area of the county received even more, with reports of up to 13 inches. The heavy rain produced numerous flooding incidents throughout the County. Flooding occurred along Corbett Creek in Arroyo Grande damaging 4 homes. Additionally, Arroyo Grande High School had 5 classrooms flooded when Arroyo Grande Creek overflowed. Further downstream a levee broke on the south side of the channel, flooding hundreds of acres of farmland and several residences. If the northern levee had broken more homes and a wastewater treatment plant would have been flooded.

December, 2004. A quick moving and powerful storm brought flash flooding and heavy rain to the Central Coast of California. Rainfall amounts ranged from 1 to 3 inches on the coastal plains to 3 to 6 inches in the more mountainous regions of the county. Flooding problems were reported in the Plan area.

December 2010.

The Plan Area experienced substantial rains over a short period of time causing local residential flooding and the topping of area water retention basins. The governor declared a local state of emergency.

Dam Failure

Although the probability of this type of hazard occurring is highly unlikely, it warrants consideration because a considerable portion of the study area is located in the inundation area of Lopez Dam. In the event of complete failure of Lopez Dam, water would flow in a westerly direction following Arroyo Grande Creek, approximately 3,000 feet in each direction of the centerline of the creek channel. Water flows would pass through the rural areas directly below the dam and then into the Cities of Arroyo Grande, Grover Beach, some schools within the Lucia Mar Unified School District and the Sanitation District before reaching the ocean. Substantial impacts to life and property are a significant possibility in the City of Arroyo Grande. The threat diminishes as the distance from the dam increases and as the flood plain widens as it approaches Grover Beach. In Grover Beach, the general area of inundation, if the dam were at full capacity and experienced a total failure, the low lying areas south of Grand Avenue and west of Highway 1 would be impacted.

The State of California Division of Safety of Dams conducts periodic reviews to evaluate dam safety and a considerable amount of work was completed in 2004 in order to bring the dam into compliance with current seismic standards.

Future Probability

Areas with a past history of flooding have a high probability of future flooding a potential Lopez Dam failure.

Risk Assessment

The study area has a significant history of flooding and therefore has received a HIGH probability rating. Areas that have flooded in the past are likely to flood in the future. Because a considerable amount of resources have already been expended toward resolving flood issues in these areas and because of the minimal threat to loss of life, flooding has been deemed a MODERATE risk.

Multi-Jurisdictional Local Hazard Mitigation Plan

Areas of greatest concern for Arroyo Grande are the convergence of Tally Ho and Corbett Canyon Creeks, the downtown area, and the agricultural areas near Hwy. 101. In Grover Beach, the Arroyo Grande creek stream bed widens diminishing the threat of flooding from this creek. A separate Grover Beach flood concern is the Meadow Creek area near Fourth Street where the creek terminates into the ocean. The only flood concern for the School District is the location of the Arroyo Grande High School in the low lying areas of Arroyo Grande Creek.

One significant and persistent challenge facing the Cities of Arroyo Grande and Grover Beach is their inability to manage flood control issues upstream on properties where they have no authority. In an effort to resolve this problem, a special Resource Conservation District-Zone 1/1A was established. In 2003, a series of storms demonstrated the need for this Flood Control District to initiate additional flood control measures.

c. Tsunami

History

In Crescent City, California, in 1964, tsunami waves of up to 20 feet, a result of an Alaskan earthquake, caused over 11 million dollars in property damage and resulted in 11 deaths. The impact of this tsunami was also felt in Morro Bay with damage to docks and fueling stations, yet not in Grover Beach.

PG&E (1973) suggested that faults in the offshore area could generate tsunami wave heights as great as six feet. The historic record shows local tsunamis have resulted from distant sources. Houston and Garcia in a 1978 study estimated the Cayucos/Morro Bay coastline 100- and 500-year tsunami run-ups, based on distant source generation (such as the Aleutian or Chile-Peru Trenches), and are approximately 9.5 feet to 24.2 feet, respectively. Those run-ups were calculated using astronomical high tides, and are consistent with recorded tsunamis that have occurred in Crescent City and other locations along the California coast. However, according to Kilbourne and Mualchin (1980), the worst case scenario would occur if a tsunami occurred during a meteorological tide (storm surge), which would add an estimated 14.5 feet to the run-up calculated by Houston and Garcia. Thus, with a worst case scenario, the estimated tsunami run-up for the 100-year and 500-year event would be no greater than 50 feet above mean sea level.

Fukushima 2011

The Plan area was impacted by the Fukushima Earthquake and subsequent Tsunami. The Tsunami warning for the Plan area issues. Low lying areas were evacuated in anticipation of the Tsunami making land. The Tsunami arrived at low tide and as such no inundation was experienced by the Plan area.

Future Probability

Large tsunamis have not been common on the Central Coast of California. Few incidences have been recorded and the historical record is not extensive enough to develop accurate reoccurrence predictions. The potential tsunami hazard for the Plan area coastal areas is greatest for those communities or portions of communities located below the estimated elevation 50 feet above mean sea level. In general, much of the Plan area is protected from tsunami hazards by wide beaches, or coastal dunes, which provide protection for coastal developments. Coastal developments most vulnerable to the tsunami hazards are those located near mouths of streams that drain into the Pacific Ocean. The potential for damage to coastal structures would likely increase if the tsunami event were to coincide with a high tide, storm related waves, or large winter storm runoff.

Risk Assessment

The Plan area has had minimal threat from tsunami activity. The probability of this hazard event is deemed low. The combination of the following factors also gives this natural hazard a low severity rating: 1) The accurate

Multi-Jurisdictional Local Hazard Mitigation Plan

tsunami warning system in place, 2) The limited territory exposed, and 3) The wide beaches backed by tall sand dunes which resultantly reduces the areas vulnerability from this hazard and provides time for evacuation.

d. Wildfire

History

Wildland fires in San Luis Obispo County have burned thousands of acres and caused considerable property loss with an occasional life loss. The majority of these large fires have occurred in the northern and central portions of the county. Large fires on the coastal side of the county occur less frequently.

Future Probability

The Plan area is located on the western coastal fringe of the Santa Lucia Mountain Range and is in a fairly favorable position with respect to wildland fire threat. The mild coastal summers characterized by cool temperatures and foggy days and nights help to maintain the fuel moisture levels to a point that limits the potential for rapid fire spread. In addition, the majority of the topography is level and well developed in both residential and agricultural land uses.

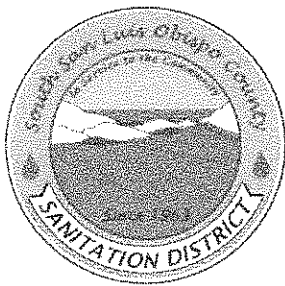
Risk Assessment

The majority of the Plan area is not threatened by wildfire. Certain locations in the City of Arroyo Grande do have the correct combination of fuels and topography to allow an unchecked wildfire to become quite a threat. However, the strong coastal weather influence diminishes this hazard much of the time.

P. Cost Benefit Analysis §201.6(c)(3)(iii)

Economic analysis of Hazard Mitigation strategies provides an understanding of the potential benefits and costs of an activity, as well as a basis upon which to compare alternative projects. This approach allowed Plan Partners to develop a Cost to Benefit analysis of the hazards most likely to impact their jurisdiction. The Cost to Benefit process was used to show if the benefits to life and property protected through mitigations efforts exceeded the cost of the mitigation activity. The analysis is based on calculating the frequency and severity of a hazard, and avoiding future damages.

All costs and benefits were evaluated in terms of dollars. If the net benefit exceeded the net costs, the project will be approved.



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: November 7, 2012
Subject: FEMA Reimbursement (DR 1952) Update

Recommendation:

Staff recommends the board receive and file this report.

Funding:

Qualifying damages from the 2010 storm event are partially funded from Federal Emergency Management Agency (FEMA) and the California Emergency Management Agency (Cal EMA). The District previously received federal funding for the repairs to the plant due to the 2010 storm event.

PW No.		FEMA Approved Amount		Current Amount Claimed by Applicant
1952-PW-00272		\$9,071.00		\$9,071.00
1952-PW-00792		\$40,329.40		\$145,324.64
1952-PW-00793		\$28,258.42		\$28,258.42
Total		\$77,658.82		\$182,654.06
PW No.	FEMA Approved Amount	subgrantee Claimed Amount*	Cal EMA Recommended Amount**	Adjustment
Total of all Small Projects	\$77,658.82	\$187,677.79	\$182,554.09	\$104,895.24

*The District submitted a request for a total of \$187,677.79 on August 10, 2012. After reviewing documents with Cal EMA the amount was reduced to \$182,645.06.

** Please note the amount claimed by the Applicant is \$97.97 more than what is recommended by Cal EMA. The discrepancy comes from the final closeout calculations and what items Cal EMA would consider eligible for reimbursement. After reviewing the documents, Cal EMA determined the recommended amount to be \$182,554.09.

Background:

The 2010 Storm Event resulted in substantial damages to the District's facilities. The District applied for federal aid monies from the Federal Emergency Management Agency (FEMA) for 3 projects. All projects were considered "small projects". The projects were completed by June 13, 2012. The final project closeout forms were submitted to Cal EMA for review on August 10, 2012.

FEMA originally obligated \$77,658.82 for all three small projects. As part of the closeout process the District requested a net small project overrun adjustment of \$104,995.25. The overrun occurred from the results of the short circuit coordination study by Thoma Electric and damages that occurred to the plant by the storm. Cal EMA reviewed the requested and reduced the eligible amount by \$100.01.

Discussion:

The District filed the net small project overrun on August 10, 2012. Cal EMA completed their review by October 10, 2012 and recommended to FEMA that the request be approved and the funds to be paid. FEMA must notify the District within 90 days (January 8, 2013) in writing of the disposition of the appeal or of the need for additional information.

ATTACHMENTS

October 10, 2012 Cal EMA Letter



RECEIVED

OCT 17 2012

October 10, 2012

Ms. Nancy Ward, Regional Administrator
Federal Emergency Management Agency, Region IX
U.S. Department of Homeland Security
1111 Broadway Street, Suite 1200
Oakland, California 94607

Subject: First Appeal - Net Small Project Overrun and Final Inspection Report
FEMA-1952-DR, December 2012 Statewide Storms
Cal EMA ID: 079-91015 FEMA ID: 079-UT3EJ-00
Subgrantee: South San Luis Obispo County Sanitation District
Cal EMA Log: 576353 FEMA Log: None

Dear Ms. Ward:

On August 13, 2012, the California Emergency Management Agency (Cal EMA) received the enclosed Project Completion and Certification Report (P.4) dated August 10, 2012, from the South San Luis Obispo County Sanitation District (district). The purpose of the P.4 is to request that the Federal Emergency Management Agency (FEMA) approve an adjusting Project Worksheet (PW) for a Net Small Project Overrun associated with the above-noted disaster. Since the district's application consisted only of small projects, an application closeout is also requested.

PW No.	FEMA Approved Amount	Subgrantee Claimed Amount	Cal EMA Recommended Amount	Adjustment
Total of All Small Projects	\$77,658.82	\$187,677.79	\$182,554.09	\$104,895.27

The district states that work on its last small project was completed on June 13, 2012. The district also stated that overruns are due to actual documented costs for the approved scope of work. Accordingly, the district requests additional funding in the amount of \$104,895.27.

Based on a final inspection and the supporting documentation provided by the district, Cal EMA believes the small project cost overruns are eligible for funding, pursuant to *Title 44 of the Code of Federal Regulations (44 CFR), Section 206.204(e)*.

It should be noted that the district's application only consists of small projects. Therefore, Cal EMA has included a signed P.4 and Final Inspection Report (FIR) for this disaster application.

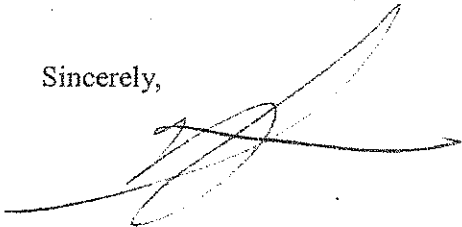
Ms. Nancy Ward
October 10, 2012
Page Two

Total funding recommended by Cal EMA for this application is \$182,554.09. For details, see the enclosed FIR, backup documentation, and draft adjusting PW. Cal EMA recommends FEMA's acceptance of the enclosed P.4 with the Governor's Authorized Representative's and the district's certifications in accordance with *44 CFR, Section 206.205*.

Final payment, if applicable, will be issued by Cal EMA upon receipt of FEMA's approval. The district will be informed that all records must be retained for at least three years.

If you require additional information related to this correspondence, please contact Mr. Michael Baldwin, Public Assistance Officer, at (916) 845-8128 or Mr. Saeed Kermani, Program Manager, at (916) 845-8271.

Sincerely,

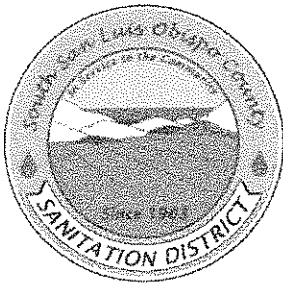


STEPHEN SELLERS
Governor's Authorized Representative

Enclosures

c: [REDACTED] Senior Planner, South San Luis Obispo County Sanitation District
Ms. Teresa Zuiderhoek, Director, Recovery Division, FEMA/Enclosure

jcf



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: Bob Barlogio, Plant Superintendent
Via: John Wallace, District Administrator 
Date: November 7, 2012
Subject: Purchase of FFR Pump Parts; 09 MBI 01

Recommendation:

Staff recommends the Board approve the purchase of a complete rotating assembly, fronthead and wear ring in the amount of **\$25,970.93** from ABBA Pump Parts.

Funding:

Funding will come from 26-8061, FFR Pump Refurbishment, 09 MBI 01. This account started with \$56,092 for FY 2012/13. If the electric motor is approved, we would have \$49,430 remaining in this account. If this purchase is approved, this account will have \$ 23,459. remaining.

Discussion:

The District purchased a new 40 HP electric motor and refurbished Fairbanks Morse pump for the No. 1 FFR pump in March of this year. In April of this year, we checked the condition of the No. 4 influent pump, because it was not pumping. Upon inspection of that pump, we found a broken shaft and other worn parts. To facilitate and get the influent pump station back on line with two good pumps, staff used the FFR refurbished pump and electric motor. Staff would now like to move ahead with the FFR project and purchase a rotating assembly, fronthead, and wear ring. This is a matched replacement for the existing pump.

Staff then could inspect the old FFR pump for consideration for rebuilding and installation as the No. 1 influent pump.

Staff was only able to get two quotations at this time. And considering the excellent prices that we have been getting from ABBA, we do not expect a lower price.

ABBA Pump and Parts and Service \$25,970.93

Flo-Systems, Inc. \$36,276.25

Parts Quotation



ABBA PUMP PARTS & SERVICE
www.abbaparts.com

Date: October 17, 2012

Quote Number: S-FMAA-20600-2

ABBA Job #

Customer Order#

Order Date:

Phone: 805-489-6666

Fax: 805-489-2765

Customer: SOUTH SAN LUIS OBISPO COUNTY

Contact: Bob Barlogio

E-Mail: bob@ssllocsd.us

Reference:

Genuine ABBA Performance™ + Parts to Fit:

Make: Fairbanks Morse	Serial #/Year: K3X1-071431
Size/Model: 12" B5721	Power Frame #: T40
Capacity: 3,500 GPM	Rotation: CW When Viewed From Driver End
Head: 27 Feet	Wear Rings: Yes Radial
Speed: 880 RPM	Stuffing Box: Mechanical Seal (Chesterton 442)
Imp Dia.: (13.55) Inches	Motor: HP: Frame:

*** Please Confirm When Placing Order

QTY	Part #/Name	Material	ABBA #	OEM #	Price (Each)
1	Complete ABBA Rotating Assembly model FMA1221/T40. Includes impeller, backhead, sleeve, shaft, Chesterton 442 mechanical seal, stainless steel wear rings, mounting feet, frame, bearing housing, bearings and miscellaneous items to complete the rotating assembly. All components to be made in standard materials and construction. Would be a drop in replacement. Does not include volute, fronthead, base, motor or coupling.				\$19,967.00
1	Fronthead	Cast Iron	FMA 1233 1601		\$3,289.00
1	Wear Ring - Fronthead	410 St St	FMA 1216 0000		\$503.00

23,759.00
Shipping 400.00
24,159.00
+ tax 1,811.94
25,970.94

Freight: Extra
Taxes: Extra if Applicable
Price Valid For 30 Days

Shipment: 7 to 9 weeks
Terms: Per APS-Schedule C - (see attached)
FOB: Burlington, Ont., Canada

Payment Terms: Net 30 Days (O.A.C.). We also accept Visa & MasterCard (a 3% charge will be applied)

Quoted by: Pamela Stollar
pam.s@abbaparts.com

5370 Munro Court - Burlington, Ontario, Canada - L7L 5N8 - Tel: 905.333.2720 1.800.268.5142 Fax: 905.333.0973

Replacement pumps, parts, & assemblies for major brand pumps used in Municipal water and wastewater applications, particularly
Allis Chalmers & Fairbanks Morse

American Wellwork • Aurora • Chicago • Clow/Yeomans • Cornell • Crane Deming • De Laval • Gorman Rupp • Goulds • Marlow • Mather & Pratt • Morris
• Paco • Patterson • Smart Turner • Smith & Loveless • Wemco • Worthington (Flowserve IDP)

NOTE: ALL OEM NAMES, NUMBERS, SYMBOLS & DESCRIPTIONS ARE FOR REFERENCE PURPOSES ONLY. IT IS NOT IMPLIED THAT ANY PART LISTED IS THE PRODUCT OF THE OEM.
ABBA PARTS & SERVICE IS NOT A DISTRIBUTOR OF, AGENT FOR, NOR AFFILIATED IN ANY WAY WITH A REFERENCED OEM.



3010 Floyd Street, Burbank, CA 91504 * 818/562-5282 * FAX 818/842-3217

QUOTE

4576

DATE 10/23/2012

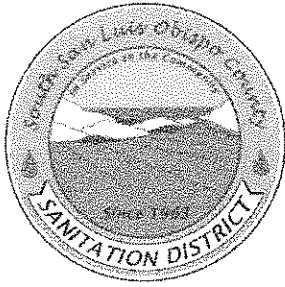
PAGE: 1 of 1

ATTN: BOB BARLOGIO
SSLO

PHONE: 805/489-6666

FAX:

Customer No.		Salesperson ID	Shipping Method	Payment Terms	
SOU171		RJ	FOB FACTORY/ALLOWED	N30	
Qty	Part Number	Description	Unit Price	Ext Price	
		PF: FAIRBANKS MORSE PUMP 12" B5721 SN 1975962			
1	ADDER	FRONT HEAD, HORZ AXIAL RG 12"	5,144.00	5,144.00	
1	ADDER	RING CASE FRONTHEAD	1,917.00	1,917.00	
1	ADDER	ROTATING ASSEMBLY 12" B5721	26,295.00	26,295.00	
1	ADDER	COVER HH FRONT HEAD HOLE	426.00	426.00	
1	ADDER	GASKET FRONT HEAD HOLE 12"	42.00	42.00	



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: Bob Barlogio, Plant Superintendent
Via: John Wallace, District Administrator
Date: November 7, 2012
Subject: Gas Monitor Purchase

Recommendation:

Staff recommends the Board approve the purchase of two Ventis gas monitors, docking station, and flow regulator from Titan Industrial Supply for the amount of **\$4,966.05**.

Funding:

Funding will be from 19-8056, Safety Supplies. The fiscal year budget started with \$18,500. As of 10/24/12, we have spent \$3,137, with \$15,363 remaining. If this purchase is approved, this account will have \$10,397 remaining.

Discussion:

The District has several confined space areas around the plant which have been designated as a confined space by OSHA regulations. The District policy is that whenever staff enters a confined space, they must have a gas monitor on their person. These gas monitors check the atmosphere for adequate oxygen levels and also for harmful gases. Our gas monitors are over 4 years old and are increasingly harder to get parts for. Earlier this year, we had a monitor serviced, because of the oxygen cell going bad. It took the Titan Industrial several days to find another cell as the manufacture has already phased out our existing monitors.

The gas monitors being requested are supported by Titan Industrial, a company in Santa Maria. They are also the local distributor. Titan Industrial will sell to the District the gas monitors at the manufacturer's suggested retail price but also include training. The training will include how to calibrate and care for the units at no charge if we purchase the units through them.

	<u>Two Ventis gas monitors</u>	<u>Docking station</u>	<u>Flow regulator</u>	<u>Total w/tax</u>
Titan Industrial (including training)	\$910.00 ea	\$2,265.00	\$500.00	\$4,966.05
Industrial Scientific Corp. (no training)	\$910.00 ea	\$2,265.00	\$500.00	\$4,928.87
Professional Equipment (no training)	\$995.00 ea	\$2,655.00	\$ 451.95	\$5,479.22

QUOTATION

TITAN
P.O. BOX 665
SANTA MARIA, CA 93456
805-614-9293

Order Number	
1073086	
Order Date	Page
10/15/2012 15:34:34	1 of 1

Bill To:
SOUTH SLO COUNTY SANITATION DISTRICT
P.O. BOX 339
OCEANO, CA 93445

Ship To:
SOUTH SLO COUNTY SANITATION DISTRICT
1600 ALOHA PLACE
OCEANO, CA 93445

805-481-6903
Attn: SABRINA SPEARS

Customer ID: 101975

PO Number					Ship Route	Taker			
BOB						MCARRIERO			
Quantities					Item ID Item Description	Pricing UOM	Unit Price	Extended Price	
Ordered	Allocated	Remaining	UOM Unit Size	Dep.		Unit Size			
2.0000	0.0000	2.0000	EA	1.0	VTS-K1232110111 IndSci VENTIS MX 4, 4Gas w/ pump Monitor Monitor includes: LEL Pentane, Co, H2S, O2, BLack Color. UL/CSA, Soft Case, English. Extended Range Battery , Pump.	EA 1.0	910.0000	1,820.00	
1.0000	0.0000	1.0000	EA	1.0	18108630-010 Ventis Docking Station w/ iGas Reader	EA 1.0	2,265.0000	2,265.00	
1.0000	0.0000	1.0000	EA	1.0	18105841 IndSci Demand Flow Regulator For 58/103/34L cylinders w/ iGas Pressure Switch	EA 1.0	500.0000	500.00	
1.0000	0.0000	1.0000	EA	1.0	SHIPPING SHIPPING CHARGES	EA 1.0	48.6400	48.64	
1.0000	0.0000	1.0000	EA	1.0	TRAINING TRAINING CLASS	EA 1.0	0.0010	0.00	
Order Line Notes: TRAINING WILL BE PROVIDED BY TITAN. NORMAL TRAINING CHARGE IS \$500.00									

Total Lines: 5

SUB-TOTAL: 4,633.64
TAX: 332.41
AMOUNT DUE: 4,966.05

INDUSTRIAL SCIENTIFIC

CORPORATION

1001 Oakdale Road
Oakdale, PA 15071-1500
USA

Phone: (412) 788-4353
1-800-DETECTS (338-3287)
Fax: (412) 788-8353
www.indsci.com


QUOTATION

To: South SLO Co. Sanitation District
1600 Aloha Pl
Santa Maria CA 93456

Quote No: 101812mc
Rev: 1
Date: October 18, 2012
Delivery: 4 Weeks ARO
FOB: Oakdale, PA

Attn: Sabrina Spears
Phone: 805-481-6903
Fax: 805-487-2765
Email:

Qty	Part Number	Description	(in US \$)	(in US \$)
2	VTS-K1232110111	Ventis MX 4 with PUMP - Black with Soft Case - LEL CO H2S O2 Li-Ion Battery	910.00	1,820.00
1	18108630-010	DS2 Docking Station for Ventis	2,265.00	2,265.00
1	18102509	Demand flow regulator with pressure switch	500.00	500.00
Extended Total				4,585.00

Note: All prices are shown at factory list in US  Dollars. Freight, duty, taxes, brokerage and insurance are not included. Please contact your local distributor for ordering information and distributor pricing:

Please contact your local Industrial Scientific Representative for additional information.

Bob Comer
Industrial Scientific Corporation
District Sales Representative
916-203-5847
bcomer@indsci.com

does not include
sales tax or
training

4585
343.07 tax

4928.07
w/o freight

Prices quoted are firm for a period of 30 days.

OUR MISSION

Design - Manufacture - Sell: Highest quality products for the preservation of life and property
Provide: Best customer service.

Commodities, technology or software exported from the United States or later re-exported must be in accordance with the Export Administration Regulations. Diversion contrary to U.S. law prohibited.

[Professional Equipment - Your Reliable Testing & Inspection Equipment Source](#)

Suppliers of Testing and Inspection Equipment for
Home Inspectors, Facility Managers, HVAC... and more

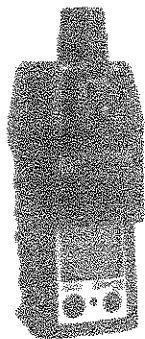
[1.800.334.9291](#)

[Sign up for Emails](#)

 Like 0  Tweet

[Print](#)

- [Home](#)
- »
- [Gas Detectors](#)
- »
- [Multi Gas Detectors](#)




[View Larger Image](#)

[Write a Review](#)



Ships directly from manufacturer.

Shipping date will vary by manufacturer and item.

 Our Guarantee

Industrial Scientific Multi Gas Monitor, Ventis™ MX4 w/ Pump - (LEL, CO, SO2, O2) - Black

This Industrial Scientific multi gas monitor has ultra bright visual and strong vibration alarms that provide multiple clear warnings in high-noise, low-light conditions

Item #: 212484

Manufacturer: Industrial Scientific Corporation

Manufacturer Item #: VTS-K5232110101

Your Price \$995.00

[Add To Cart](#)

[Professional Equipment - Your Reliable Testing & Inspection Equipment Source](#)

Suppliers of Testing and Inspection Equipment for
Home Inspectors, Facility Managers, HVAC... and more

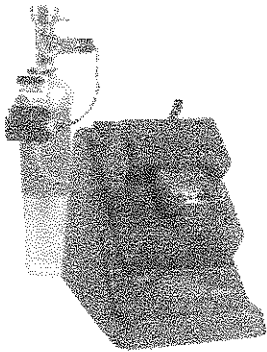
[1.800.334.9291](#)

[Sign up for Emails](#)

 Like 0  Tweet

[Print](#)

- [Home](#)
- »
- [Gas Detectors](#)
- »
- [Accessories](#)




[View Larger Image](#)

[Write a Review](#)

 Ships direct

Ships directly from manufacturer.
Shipping date will vary by manufacturer and item.

 Our Guarantee

DS2 Docking Station™ for Industrial Scientific Multi Gas Monitor, Ventis™ MX4 w/ iGas Card Reader

The perfect accessory to your Industrial Scientific Multi Gas Monitor, Ventis™ MX4

Item #: 212487

Manufacturer: Industrial Scientific Corp

Manufacturer Item #: 18108630-010

Your Price **\$2,655.00**

[Add To Cart](#)

Professional Equipment - Your Reliable Testing & Inspection Equipment Source

Suppliers of Testing and Inspection Equipment for
Home Inspectors, Facility Managers, HVAC... and more

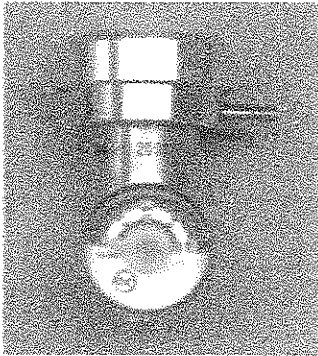
1.800.334.9291

Sign up for Emails


 Like  0  Tweet

Print

- Home
- »
- Gas Detectors
- »
- Accessories



Write a Review

 Due in stock
soon [click here](#)

Email me when availability changes.

You may still order back-ordered items.
This product is expected to ship after 11/06/2012.

 Our Guarantee

Demand Flow Regulator (Automatic Calibration)

Demand Flow Regulator for M40 & GasBadge Plus Gas Monitors

Item #: **G511-0626**

Manufacturer: **Industrial Scientific Corporation**

Manufacturer Item #: **18102509**

Product Type: **Demand Flow Regulator**

Your Price **\$451.95**

Add To Cart

Local Full Service Distributors

Bennett Bowen & Lighthouse Inc.

9844 Alburdis Avenue
Santa Fe Springs, CA 90670
Phone (562)942-0070
Fax (562)942-8441
sales@bblsafety.com

Mallory Safety

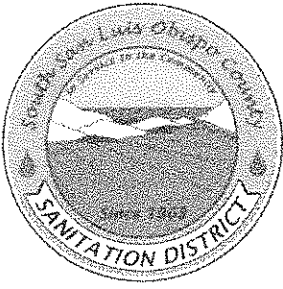
44340 Osgood Rd
Freemont, CA 94539
Phone (800)426-6830
Fax (650)871-9882
tim.loy@malloryco.com
www.malloryco.com

The Mallory Company

1040 Industrial Way
Longview, WA 98632
Phone (800)426-6830
tim.loy@brentonsafety.com

Titan Industrial Supply

250 Kathleen Court
Santa Maria, CA 93458
Phone (805)614-9293



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: Bob Barlogio, Plant Superintendent
Via: John Wallace, District Administrator *AW*
Date: November 7, 2012, 2012
Subject: Purchase of 40 HP Electric Motor

Recommendation:

Staff recommends the Board approve the purchase of a 40 horsepower electric motor as described below for \$6,661.81 from Perry's Electric Motor.

Funding:

Funding will come from 26-8061, FFR Pump Refurbishment, 09 MBI 01. This account started with \$56,092 for FY 2012-13, carried over from the previous year's budget. We have not used this account this year. If this item is approved, we would have \$49,430 remaining.

Discussion:

The District purchased a new 40 HP electric motor and refurbished Fairbanks Morse pump for No. 1 FFR pump in March of this year. In April of this year, we checked the condition of the No. 4 influent pump, because it was not pumping well. Upon inspection of that pump, we found a broken shaft and other worn parts. To facilitate getting the influent pump station back on line with two good pumps, staff used the FFR refurbished pump and electric motor. Staff would now like to move ahead with the FFR project and purchase a new electric pump motor. These motors are new, high efficiency motors, and should give us long life. This electric motor would be coupled to the pump that staff is proposing to purchase separately.

Staff is requesting the motor be purchased now because there is up to 9 week delivery time.

Staff obtained quotes from the following, not including tax and estimated freight:

Perry's Electric Motors	\$6,661.81
Lahr Electric Motors	\$8,312.43
Kern Electric	\$8,558.49

Estimate

PERRY'S

ELECTRIC MOTORS & CONTROLS
414 S. Western Ave.
Santa Maria, CA 93458
(805) 925-8761 FAX: (805) 925-8762

Date	Estimate #
10/17/2012	4471

Name / Address
SLO COUNTY SANITATION P. O. BOX 339 OCEANO, CA 93445

Description	Job No.		Project
	Qty	Cost	Total
40HP 900RPM 365T TEFC PREM EFF TATUNG MOTOR PLUS FRT FROM LOS ANGELES	1	4,716.34	4,716.34T
40HP 900RPM 365T TEFC PREM EFF WEG MOTOR PLUS FRT FROM TX EST \$200.00	1	6,025.00	6,025.00T
40HP 900RPM 365T TEFC PREM EFF US MOTOR PLUS FRT FROM MS, 10 WEEK DELIVERY	1	6,871.09	6,871.09T
<p>6025.00 TAX 436.81 est Frgt 200.00 <u>6661.81</u></p>			
		Subtotal	\$17,612.43
		Sales Tax (7.25%)	\$1,276.90
<p>Please call for 805-925-8761 or email to quote! Quote is good for 30 days from date above. Fax # 805-925-8762 sheila_salters@perrysselectric.com</p>			
		Total	\$18,889.33

**LAHR ELECTRIC MOTORS, INC.**119 W. Mill Street
Santa Maria, Ca. 93458

Phone # (805) 922-8326

sales@larhelectric.com

Fax # (805) 925-2864

Estimate

Date	Estimate #
7/11/2012	20183

Name / Address
South San Luis Co. Sanitation Dist. P.O. Box 339 Oceano, Ca. 93475-0339

P.O.	Project

Description	Qty	Rate	Total
U.S., 40hp, 890 rpm, 365T frame, TEFC, inverter duty rated (implied)	1	7,511.51	7,511.51
Marathon, 40hp, 890 rpm, 365T frame, TEFC, inverter duty rated	1	7,859.63	7,859.63
Note: quotes do not reflect tax or freight			
Allow 8 weeks for U.S. Motors delivery.			
Allow 5-7 days for Marathon delivery.			
<div>7511.51 400.92 tax 200.00 est. freight <hr/>8,312.43</div>			

Subtotal	\$15,371.14
Sales Tax (7.75%)	\$0.00
Total	\$15,371.14

PRICE QUOTATION
KERN ELECTRIC DISTRIBUTORS
415 30TH STREET
BAKERSFIELD, CA 93301

Printed At : 11:47:14 12 JUL 2012

Quote Date	Quote No.	Quote Expiration Date	Writer	Slsn	WH
07/12/12	54623	08/11/12	BJR		1

SHIP TO: SOUTH-0001

SO. SAN LUIS OBISPO SANITATION
1600 ALOHA PLACE
OCEANO, CA 93445

60HP ASD

Ln	Order Quant	EDP Code / Description	Net Price	UM	Ext Price
1	1	203784			
		0409ET3E365T-W22 AWG 40HP MOTO	7792.738	EA	7792.74
2		STOCK HOUSTON			

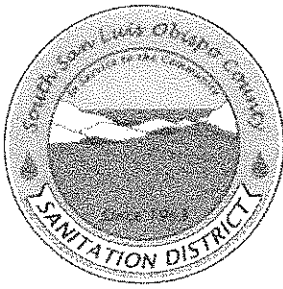
7792.74

585.75 tax

200.00 est. ft.

8558.49

\$7,792.74



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: November 7, 2012
Subject: 2012 Trunk Sewer Cleaning and Video Inspection Project

Recommendation:

1. Direct Staff to prepare specifications, drawings, and a bid packet (Contract Documents) in the not to exceed amount of **\$5,500** for the public solicitation of bids for cleaning and video inspection services of approximately 23,000 linear feet of District Trunk Sewer within the Community of Oceano and the City of Arroyo Grande by contracted service providers;
2. Direct Staff to publicly advertise the completed bid packet and specifications, along with a notice inviting bids from qualified service providers, as required by the District's purchasing policy. The engineer's estimate for the contracted services is **\$80,000**.
3. Direct Staff to return to the Board at a later date with recommendation for awarding the work based upon a bid analysis, evaluation, and ranking of the bids received.

Funding:

Funding for this project will come from 19-8015 - Truck Sewer Maintenance. The fiscal year 2012-13 budget allocation for this operating fund is **\$150,000**. As of this date, the District has expended **\$280**, accounting for a remaining balance of **\$149,720**. Of this remaining balance, **\$3,599** was previously authorized for expenditure during the October 03, 2012 Board meeting to retain Fluid Resource Management to provide additional specialized cleaning services at the District's inverted siphon, located on the District trunk sewer within the City of Arroyo Grande. Once expended, **\$146,121** will be remaining in Fund 19-8015 for this and other budgeted trunk sewer projects.

Discussion:

In 2009, the District prepared a Sewer System Management Plan (SSMP) for the District trunk sewer. The SSMP was developed in compliance with State Water Quality Control Board (SWQCB) Statewide General Waste Discharge Requirements (WDR), Orders No. 2006-0003-DWQ and WQ 2008-0002-EXEC. The WDRs require all public wastewater collection system agencies in California that own and operate sanitary sewer systems greater than one mile in length to perform regular visual and TV inspection and cleaning of the manholes and sewer pipes, as well as develop a system for ranking their condition and for scheduling needed rehabilitation of any noted abnormalities and/or deficiencies.

The District's SSMP, originally adopted July, 2009, has since gone through two revisions. The most current revision provides for a preventative maintenance schedule in which half of the trunk sewer is cleaned and inspected every three years. In doing so, the entire system is cleaned, inspected, and evaluated every six years. This three-year rotating schedule is identified on the attached Trunk Sewer System and Cleaning Schedule map. As it has now been three years since the adoption of the District SSMP, cleaning and inspection is now required to meet compliance with the State WDRs.

The cleaning and inspection project currently proposed allows for cleaning and inspection of the trunk sewer and manholes between Manhole A-1, located at the treatment plant, and Manhole C-71, located in Arroyo Grande near E Branch St. This portion of the Trunk Sewer is referenced as Zone 2 on the attached Trunk Sewer System Map and Cleaning Schedule map, and is further indicated by the blue hatched line. Additional reference is provided on Figure 4-1: SSLOCSD Trunk Sewer Map (also attached). As indicated, the proposed section of trunk accounts for approximately 23,000 feet (1/2 of the system).

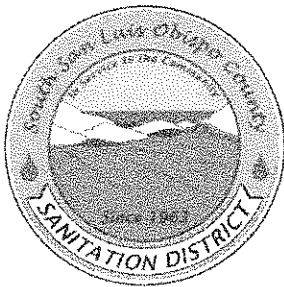
The table below identifies the locations and timeframes of recent video inspection occurring within the District Trunk Sewer:

Year	Location	Approximate Length
2007	Upper Sewer Farm Trunk System (Manhole B-12a to B22)	3,634 ft.
2007	Grover Beach Trunk Line (Manhole GB-1 to GB-34)	11,031 ft.
2008	South Side Trunk System (Manhole A-1 to C-35)	20,295 ft.
2008	Lower Sewer Farm Trunk System (Manhole A-9a to B-12b)	5,328 ft.
2008	Cherry Ave. Trunk System (Manhole C-50 to C-71)	4832 ft.
Total		45,122 ft.
Total Trunk Sewer Length ⁽¹⁾		45,190 ft.

- (1) Total trunk length provided includes approximately 70 ft. of pipe between the treatment plant headworks and the next adjacent manhole on each of the two trunklines extending from the head works which were not included in prior cctv inspection.

This project will be the first comprehensive cleaning project initiated on the trunk sewer in several years. Prior to this time, cleaning has mostly been initiated at system hotspots and areas of isolated debris accumulation identified during prior video inspection efforts.

As part of this project, the Contractor will be required to provide the District with narrated color video, including detailed written logs, of the trunk sewer conditions, noting any system abnormalities and deficiencies. In addition the Contractor will be required to provide photographic records of each of the system manholes. These videos, photographic records, and written logs will then need to be evaluated by staff to determine system condition rankings and to develop a short term and long term action plans for system rehabilitation. The data will then be available for comparison against conditions noted during the prior inspections listed above. The above recommendations and budgets do not include the assessment and deficiency prioritization portion of this project to be conducted later after receiving the video and cleaning reports.



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: Bob Barlogio, Plant Superintendent
Via: John Wallace, District Administrator
Date: November 7, 2012
Subject: Chemical Tank Purchase

Recommendation:

Staff recommends the Board approve the purchase of a 3,000 gallon chemical tank for the amount of \$7,053.42 from Loomis Tank in Arroyo Grande.

Funding:

Funding will come from 19-8060, Structure Maintenance-Regular. The fiscal year budget started with \$80,000. As of 10/31/12, we have spent \$13,876, with \$66,124 remaining. If this purchase is approved, this account will have \$59,071 remaining.

Discussion:

The District has two sodium hypochlorite (bleach) tanks, the main 6,000 gallon tank, and a back-up 3,000 gallon tank. Normally we keep the back-up tank half full and use it to fill totes for the chemical flush of the FFR. While making repairs to the main chemical tank, we filled the back-up tank to capacity. Once filled to capacity, staff found that the tank was leaking into the secondary containment unit.

This tank is estimated to be 22 years old, outliving the normal life expectancy of 15 years. Staff has been using this tank up to the time when it was removed from the secondary containment unit. When we get a delivery of bleach, once the main tank is full, we fill the back-up tank for use around the plant. This is safer than filling several totes, with no secondary containment, and gives us a buffer when a bleach delivery has been delayed.

Staff has obtained quotes from the following vendors;

Loomis Tanks from Arroyo Grande	\$7,053.42
B-Line Sales from Bakersfield	\$6,996.46
Harrington Industrial from Ventura	\$7,375.98

Giving Loomis the 5% preference because they are a local vendor, makes them the lowest quote provider. \$6,996.46 times 5% is \$349.82. The difference between local and Bakersfield is \$56.96.



P.O. Box 910
 Arroyo Grande, CA. 93421
 (805) 473-7265
 Toll Free (800) 549-5514
 Fax (805) 473-7291

WATER STORAGE • CHEMICAL & FERTILIZER • SEPTIC • "INFILTRATOR" LEACH FIELD SYSTEMS • WATER TROUGHS

October 30, 2012

Trini
 South County Sanitation
 Phone: 805-489-6666
 Email: trini@sslocsd.us

QUOTATION

QTY	DESCRIPTION	PRICE	TOTAL
1	3000 gallon Snyder 1.9sg ASTM design HDLPE VST w/Opaque white resin →90" diameter, 127" tall, 18" lid	\$4,825.00	\$4,825.00
1	1" PVC bolted double flange fitting →Viton gasket, titanium bolts – factory installed	\$561.00	\$561.00
1	Freight – "Combo" load <i>incl Tax 7.75</i> Tank pricing is f.o.b. Snyder Industries – Lincoln, NE and does not include tax (if applicable). Freight rate is for "Combo" load delivery from Lincoln to Oceano, CA. A "combo" load is a shared load with other Snyder shipments going to the same area to reduce freight costs. The combining of loads could delay shipment past the ready date while we try to match up with other shipments going to the area. If urgent shipment is needed then you may want to consider having these shipped on a dedicated truck. Customer is responsible for offloading of tank. Quote valid for 28 days.	\$1,250.00	\$1,250.00

Please look over this information and give me a call if you have any questions. Thank you for your interest.

Best regards,
 Matt Loomis
 Loomis Tank Centers

5386 -
 shipping 1250 -
 tax 417.42
 7053.42

B-LINE SALES INC.

2008 NORRIS RD Bakersfield Ca 93308		Phone: (661) 392-4144 Fax: (661) 392-4147	
QUOTATION			
To:	South SLO sanitation district	Date:	10/29/2012
Attn:	Trini / Bob	Quote#:	
Shipping Promise:	3 - 4 weeks	Phone:	
		Fax:	805-489-2765
Qty			
1	5130000N VST 3000 90 52 1.9		\$4,860.00
	3000 gallon sodium hypochlorite storage tank		
	90" dia x 127" tall 1.9 specific gravity opaque white		
	HDLPE vertical storage tank tank does not		
	come with fittings standard		
1	347683 Dbl Flanged Fitting PVC bolted, encapsulated		\$498.00
	titanium bolts, socket by socket w/ viton gasket		
	factory installed	subtotal	\$5,358.00
		tax	\$388.46
		total	\$5,746.46
	FOB lincon/west virginia		1250

When you are ready to place an order or have any questions please call Ryan McDonald at (661) 392-4144

Sincerely

Ryan McDonald

Ryan McDonald

6996.46

OCT-31-2012 13:22 SSLOCS
Harrington Industrial Plastics
4773 Ortega Street
Ventura CA 93003
805-644-6894
805-644-2167 Fax

8054892765 P.005

Quotation# 01320950
Written: RJB
Quote Date 10/24/12
Expire Date 11/23/12
Page 1 OF 1

Quotation

087498
SOUTH SAN LUIS OBISPO COUNTY
SANITATION DISTRICT
P O BOX 339
OCEANO, CA 93475

Ship To:
SOUTH SAN LUIS OBISPO COUNTY
SANITATION DISTRICT
1600 ALOHA PLACE
OCEANO, CA 93445

Job:

RFQ#

Contact: TRINI
Phone#: 805-489-6666
Fax: 805-489-2765

Ship Via: BEST WAY POSSIBLE
FOB / Delivery ARO: SHIPPING POINT
Frt-Terms: CHRG INBOUND & OUTBOUND

Product/Description	Quantity	Price	U/M	Extension
---------------------	----------	-------	-----	-----------

*4201 TANKS & ACC SNYDER
5130000N52 3000 GAL TANK VERT
90"x127" 1.9SG 18" MNWY
PRODUCT IS NON-RETURNABLE
ITEMS MAY NOT BE CANCELLED
*

1	5184.09 EA	5,184.09
---	------------	----------

TANK WILL BE OPAQUE WHITE
WITH SPECIFIC RESINS FOR
OUTDOOR SODIUM HYPOCHLORITE
*

347683
1" FITTING DBL FLG S PVC VIT
GSKT ENCAP TITANIUM BOLTS
*

1	574.40 EA	574.40
---	-----------	--------

4-5 WEEK LEAD TIME ARO
*

FOB: LINCOLN, NE.

Merchandise	Tax	Est.Freight / Handling	Net Quote Total
5,758.49	417.49	0.00	6,175.98

Thanks For Thinking Harrington.

Respectfully Robert J. Brannon

All Quotations are subject to review upon placement of order.

Freight/Handling and applicable taxes if not listed above will be added.

Harrington standard terms and conditions apply to this quote.

As per Robert shipping

1200300
737598



**California Special
Districts Association**
Districts Stronger Together

CSDA Highlights of 2012

ADVOCACY AND PUBLIC AFFAIRS – OUR TOP PRIORITIES

Safeguarding Special District Revenues

- **Passthrough Agreements:** A last-minute state budget proposal was put forward to invalidate passthrough agreements for special districts and other local agencies—shifting \$250 million of local funding to the state. CSDA took the lead in organizing a coalition of organizations that successfully opposed this proposal.
- **Property Tax Increment:** Following the dissolution of redevelopment agencies (RDAs), legislation was introduced—Senate Bill 1156—that would renew the diversion of property tax increment away from special districts. CSDA advocated the principle that such diversions should require the consent of the local special district board, and the legislation was amended to include that requirement. Prior to dissolution, RDAs diverted over \$500 million annually from special districts.

At the Forefront of Major Reforms

- **Pension Reform:** After surveying its membership, CSDA represented all special districts before multiple hearings of the Legislature's Conference Committee on Public Employee Pensions. CSDA provided members all of the latest news and materials, including specialized presentations on the reforms' impact.
- **Workers' Compensation:** CSDA joined a coalition of local government organizations in support of workers' compensation reform that is expected to create significant cost savings for special districts and improve benefits for injured employees so that they can return to work more quickly.

Protecting Local Control

- **Municipal Bankruptcy:** The legislator, who reached a compromise with CSDA and other local government organizations last year, sought to immediately undo the agreement in a manner that would have jeopardized the delivery of local services. CSDA opposed this measure, Assembly Bill 1692, which failed passage.
- **Budgeting Discretion:** AB 2418 attempted to dictate how locally elected healthcare district boards could spend local property tax dollars, including the amount that could be placed in reserves. CSDA joined healthcare district advocates in opposing this precedent-setting measure, which failed passage.

Preventing Costly State Mandates

- **Public Records:** SB 1002 would have cost each special district approximately \$4,000 a year to meet "open format" requirements for Public Records Act requested data and documents. CSDA and other local government organizations opposed the legislation and secured amendments that removed the costs.
- **Sales Tax Permits:** SB 1125 sought to require local agencies to maintain a copy of the seller's permit of every outside vendor and vendor affiliate at an estimated cost to each special district of over \$8,000 a year. CSDA secured an exemption for districts, which would have realized no benefit to offset the costs of compliance.

PROFESSIONAL DEVELOPMENT SERVES ELECTED/APPOINTED OFFICIALS & DISTRICT STAFF

Board Secretary/Clerk Conference

This event gathered more than 130 Board Secretaries and Clerks in Monterey for our second such conference. In an effort to provide professional development opportunities throughout the state, the 2013 Board Secretary/Clerk Conference will be held in Anaheim, February 28 - March 1.

General Manager Leadership Summit

The first annual summit was held in Napa this July with more than 120 attendees. The conference focused on critical areas within the general manager's responsibilities, including relationships with the board, human resources, policies and procedures, pensions, liability exposures and legal issues.