

# **SOUTH SAN LUIS OBISPO COUNTY SANITATION DISTRICT**

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## **Agenda**

### **Board of Directors Meeting**

1655 Front Street

Oceano, California 93445

**Wednesday, April 6, 2011 at 6:00 PM**

#### **Board Members**

Bill Nicolls, Chairman

Vacant

Tony Ferrara, Director

#### **Alternates**

Karen Bright, Director

Vacant,

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

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### **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 March 16, 2011 Meeting**

**3b. Review and Approval of Warrants**

**3c. Plant Superintendent's Report**

**4. BOARD ACTION ON INDIVIDUAL ITEMS:****A. CALIFORNIA SPECIAL DISTRICTS ASSOCIATION NOMINATION**

Staff recommends the Board consider if they wish to nominate a member

**B. LAFCO SPECIAL DISTRICT ELECTION**

Staff recommends the Board complete ballot to elect a Special District Member

**C. DECEMBER 2010 STATEWIDE STORMS- FEMA -1952-DR- UPDATE**

Staff recommends the Board receive and file the report

**D. UPDATE ON THE DISTRICT'S FATS OILS AND GREASE (FOG) PROGRAM**

Staff recommends the Board receive a presentation of the status of the District's FOG Program

**E. INFLUENT PUMPS RECONDUCTING, 04 MBI 16, ELECTRICAL SYSTEM UPGRADE**

Staff recommends the Board approve a contract with Thoma Electric in the lump sum amount of \$ 6,200.00 for the preparation of specifications and drawings for the Influent Pump re-conducting project

**F. NEW CENTRIFUGE 2A, BROUGH CONSTRUCTION PROGRESS PAYMENT #5, CHANGE ORDERS 7, 14, 16, AND PAYMENT TO EARTH SYSTEMS PACIFIC**

Staff recommends the Board approve Progress Payment No. 5 to Brough Construction, Inc. in the amount of \$86,333.80. (\$77,700.42 with retention deducted), authorize three Contract Change Orders (CCO) No. 13 in the amount of \$18,700.00, CCO No. 14 in the amount of - \$2,300.00, and CCO No. 16 in the amount of -\$92.00, for a net contract change of \$16,300.; approve payment to Earth Systems Pacific in the amount of \$287.00 for inspection services completed.

**G. UPDATE ON PRE-TREATMENT PROGRAM AND BUDGET REALLOCATION**

Staff recommends the Board receive a presentation of the status of the District's Pretreatment Program and approve a budget reallocation moving monies within the three phases of the approved budget

**H. APCD TESTING, COGENERATION EXHAUST EMISSIONS**

Staff recommends the Board approve a proposal from AirX Testing to perform the required APCD analysis of the cogeneration exhaust emissions for the estimated total of \$2,433.38.

**I. CHLORINATION MIXING, WATER CHAMP REPAIR**

Staff recommends the Board approve the repairs of the District's "Water Champ" by the manufacturer, Siemens, for the estimated total of \$ 5,927.74.

**J. ISCO SAMPLER UNIT PURCHASE**

Staff recommends the Board approve the sole-source purchase of a 4700 Series ISCO sampler through MRC Technologies in the estimated amount of **\$5,491.00**.

**K. FERRIC CHLORIDE TOTE CONTAINMENT PURCHASE (10 MBI 06)**

Staff recommends the Board approve the purchase of two Ferric Chloride Tote Containment units through USA Blusbook in the estimated amount of **\$2,640.91**

**5. PUBLIC COMMENT ON CLOSED SESSION****6. CLOSED SESSION**

Conference with legal counsel – existing litigation  
Douglas v Wallace et al.  
(Subdivision (a) of Section 54956.9)

**7. RETURN TO OPEN SESSION, REPORT ON CLOSED SESSION****8. MISCELLANEOUS ITEMS**

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

**9. ADJOURNMENT**

# **SOUTH SAN LUIS OBISPO COUNTY SANITATION DISTRICT**

Oceano Community Services District  
1655 Front Street  
Oceano, CA 93445

Minutes of Wednesday, March 16, 2011  
6:00 P.M.

## **1. ROLL CALL**

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

Others in Attendance: John Wallace, District Administrator; Mike Seitz, District Counsel;  
Bob Barlogio, Interim Plant Superintendent.

## **2. PUBLIC COMMENT ON ITEMS NOT APPEARING ON AGENDA**

There were no public comments at this time.

## **3. CONSENT AGENDA**

- A. Review and Approval of Minutes from the Meeting of March 2, 2011.
- B. Review and Approval of Warrants.
- C. Financial Report Period Ending February 28, 2011
- D. Plant Superintendent's Report
- E. Approval of Resolution 2011-285 amending the Bylaws of the Board of Directors

**It was moved by Director Ferrara, seconded by Vice Chairman Hill to approve Consent Agenda items 3A through 3D. Motion carried.**

**It was moved by Director Ferrara, seconded by Vice Chairman Hill to approve Resolution No. 2011-285 "A RESOLUTION OF THE BOARD OF DIRECTORS OF THE SOUTH SAN LUIS OBISPO COUNTY SANITATION DISTRICT" and on the following roll call vote to wit:**

**AYES: Chairman Nicolls, Vice Chairman Hill, Director Ferrara**

**NOES: None**

**The foregoing resolution was hereby passed and adopted the 16<sup>th</sup> day of March, 2011**

## **4. BOARD ACTION ON INDIVIDUAL ITEMS**

- A. Equipment Replacement, Varec Flame Arrester and Varec Drip Trap Purchases

Administrator Wallace informed the Board that the SLO County Air Pollution Control District has been advising agencies to act in a proactive manner to anticipate maintenance activities. The biggest area of concern to APCD at the treatment plant is the release of methane gas. Staff has identified the preventative maintenance activities on the Flame Arrester as a potential area for improvement. Gas flow from the digester must be

interrupted to perform maintenance on this piece of equipment as it must be physically removed from the piping. Having a spare flame arrester assembly on the shelf would allow Staff to change out the flame arrester quickly so pressure in the digester will not build and be vented to the atmosphere. The equipment is a sole source item for replacement of an identical piece of equipment that fits with the existing equipment.

Administrator Wallace addressed the second piece of equipment for replacement as a drip trap. Digester gas by nature contains large quantities of moisture which must be removed prior to combustion. The digester gas piping system has a series of Varec drip traps that collect moisture and discharge the liquid to a drain without releasing any methane to the atmosphere. Depending on the location, some drip traps are manually actuated and some are automatically actuated. During the Chlorine Contact Tank Project, an automatically actuated drip trap was installed. Due to a variety of factors, the drip trap was frequently in direct contact with standing water, causing premature failure. This equipment is also a sole source item since only Varec equipment can be used for replacement.

**It was moved by Vice Chairman Hill, seconded by Director Ferrara to approve the sole source purchase of a Varec Flame Arrester Assembly in the amount of \$2,349.23 and the sole source purchase of a Varec Automatic Drain Drip Trap in the amount of \$7,747.76. Motion carried.**

#### B. Emergency Response Plan

Administrator Wallace stated that plant staff is required to have an Emergency Response Plan for the site in order to direct actions in the event of natural or man-made emergencies such as winter storm events, flooding, armed intruder, or threats to the facility.

In addition, as the result of the 2010 winter storm event, commitments were made to the Regional Water Quality Control Board which include:

- Staff to update the Emergency Response Plan in case of the loss of the influent pumps,
- Finalize the District's Emergency Response Plan and coordinate the document with the County OES and Member Agencies.

Staff recommends the Board authorize the completion of the Emergency Response Plan.

Vice Chairman Hill asked what is required in order to complete the plan and questioned the funding.

Administrator Wallace replied that \$23,846 remained of the \$25,000 budgeted under 10 MBI 07. He stated work would be completed by staff.

Vice Chairman Hill commented that this work would be given to the Wallace Group as a sole source item.

Administrator Wallace stated that this could be let out for proposals to an outside source if the Board wishes.

Director Ferrara stated that the existing plan may not conform to requirements consistent with the National Incident Management System and the Standardized Emergency Management System. He also stated that he felt the work could be done in-house without having to go through an RFP process and he would be willing to spend some time on the

project in order to reduce costs.

The Board concurred with bringing this item back at a later date after Director Ferrara's coordination with Staff regarding the Emergency Response Plan update.

C. Consideration of Independent Investigation in Regards to Management

District Counsel Seitz stated that on March 2, 2011 the Board of Directors directed that an item be placed on the meeting Agenda regarding consideration of an independent review in regards to District management and engineering.

District Counsel Seitz provided background information stating that all allegations came from either Mr. Scott Mascolo or Ms. Devina Douglas. Ms. Douglas has filed two lawsuits against the District and is seeking monetary compensation. Mr. Mascolo has indicated the intent to file a lawsuit against the District.

He further stated that all allegations have been investigated by the outside licensed investigation firm of Thomas Consulting. This investigative report determined that Mr. Mascolo's contentions in regards to Wallace Group were unfounded.

Thomas Consulting was also retained to investigate specific allegations of employee misconduct, interviewing each employee of the District as part of two separate investigations. To date all allegations made by Ms. Douglas and Mr. Mascolo have been investigated and in total, over the past fourteen months, Thomas Consulting has been paid \$14,389.58 for this service.

In recent District meetings comments have been made by members of the Surfrider Foundation. It is known that Mr. Mascolo and Ms. Karen Velie have been meeting with members of the Surfrider Foundation. It is apparent that this organization is receiving information through those sources and have not come to the District with specific questions in regards to allegations made by Mr. Mascolo.

District Counsel Seitz concluded by stating that he would be happy to answer Board questions regarding his report.

Vice Chairman Hill stated he was not interested in allegations made by individuals in current litigation with the District. He stated he was interested in a 'big picture' overview which includes management practices and if state-of-the-art plant practices are being kept up with. He felt an independent review of current management would be beneficial.

Director Ferrara stated that he would like to hear an expansion of the Staff report to detail the recent Notice of Violation. He expressed his opinion that it should be regulatory agencies that set standards for District operations. Director Ferrara asked Administrator Wallace to comment in detail as to actions which have been taken to date.

Administrator Wallace provided background information regarding the Notice of Violation referred to by Director Ferrara. He stated that due to a complaint made to the Water Quality Control Board regarding activities at the plant, a site inspection was made by that agency which resulted in a Notice of Violation. A response was filed by the District with corrective actions on August 13, 2010; the State Board responded by requesting additional information which was provided.

Administrator Wallace summarized the six areas identified by the State Board which needed improvement as follows:

- An updated Operations and Maintenance Manual
- Updated Standard Operating Procedures
- Sampling procedures as related to the Laboratory Quality Assurance and Control Manual
- Record keeping as related to 'hard copy' documents used for electronic reporting input
- Reporting of Treatment Process Changes and Staffing
- Timing of Sampling Procedures

He concluded by stating that the District has complied with all points of the Notice of Violation and is now in full compliance.

Director Ferrara asked Administrator Wallace to comment regarding the disciplinary action involving Superintendent Appleton.

Administrator Wallace stated that it is a matter of Public Record that the State Water Board has proposed a disciplinary action against Superintendent Appleton with regards to his alleged misrepresentation of his knowledge regarding a work order directing operator's not to sample when tanks are being washed down. He further stated that while this practice had been corrected, Superintendent Appleton did not acknowledge his involvement in that work order. He concluded by stating that Superintendent Appleton is in the process of appealing the disciplinary action.

Chairman Nicolls opened the meeting to Public Comment regarding this item.

Mr. Scott Mascolo stated he wanted to clarify statements made by Counsel Seitz, the first was regarding dates of the Thomas Consulting investigations and the second was that the purpose of his meetings with the Surfrider Foundation was to provide his knowledge of how the plant works.

Mr. Jeff Pienack of Oceano introduced himself as the local Surfrider Foundation Chair. He stated that the public relied on the Board and District Management to operate the plant and deliver quality sewage treatment. He stated his concerns were not with the recent spill but the everyday effluent that is released to the ocean.

Chairman Nicolls asked Mr. Pienack to conclude his statements.

Mr. Pienack stated he would need much more than three minutes and the Board would need to extend the time.

Chairman Nicolls stated that everyone would be held to the three minute time limit and if Mr. Pienack needed more time he would have to request the Board give consideration to his need for a longer period of time at a future meeting.

Mr. Pienack asked to be notified in writing how he could receive an appropriate amount of time to discuss the issue before the Board.

Administrator Wallace offered to attend another Surfrider Foundation meeting in order to discuss the Notice of Violation with Mr. Pienack and other members of his organization.

Mr. Pienack declined Administrator Wallace's offer.

Mr. Brad Snook of Arroyo Grande introduced himself as a member of the Surfrider Foundation. He stated that he took offense to Counsel Seitz's inferring that there was an impropriety involved with having private discussions at the recent Surfrider's board meeting with Mr. Mascolo.

Mr. Charles Varney introduced himself as a resident of Oceano. He stated his appreciation in having this topic on the agenda. He stated the importance of the District having independent legal counsel as it explores issues of conflict of interest and state operating standards. He then questioned the relationship between District Counsel Seitz and the Wallace Group. He stated that he had hearsay information that Counsel Seitz has also served as legal counsel for the Wallace Group and asked if this was fact.

District Counsel Seitz responded by stating that he was not presently, nor had been at any time in the past, legal counsel for John Wallace or the Wallace Group. He further stated that his wife had worked for the Wallace Group in Human Resources; during her employment Counsel Seitz obtained two separate legal opinions regarding conflict of interest issues. He further clarified that the Wallace Group contract was not negotiated during his wife's tenure with the Wallace Group, and had it been he would have declared conflict and other legal counsel would have been obtained.

Ms. Susan Knott of Santa Margarita asked the Board if Counsel Seitz was a shareholder with the Wallace Group. She also alleged that Superintendent Appleton stated in his appeal proceeding that he believed he was following Administrator Wallace's instructions. She concluded by asking that the Board conduct an independent investigation regarding District management.

District Counsel Seitz responded to Ms. Knott by stating that he was not presently, nor had been at any time in the past, a shareholder or member of the Wallace Group Board, nor had he ever attended a Wallace Group Board meeting.

Mr. Robert Brees of Grover Beach stated he had been following this issue and made inquiries to the City of Grover Beach regarding the relationship between Wallace Group as an Administrator and District Contractor. He stated he had received a reply from the Grover Beach City Manager stating that this relationship was standard operating procedure throughout the State. He stated his opinion that this relationship lacks transparency. He recommended a complete investigation in plant operations and administration.

Mr. Jeff Pienack asked for additional time to read the Surfrider Foundation statement regarding the proposed investigation.

The Board allowed him the additional time to read his message.

Mr. Pienack stated that a highly trained third party independent investigator with a scientific background and sound understanding of finance was needed for this investigation. The investigator needs to evaluate how, when, where, and by who samples are collected, dumped, not dumped, analyzed or not analyzed.

Another member of the public requested that results of any investigation be made fully public without redaction.



There being no further public comments, Chairman Nicolls closed the public comment and requested Board Member comments.

Vice Chairman Hill stated his opinion that the focus on the Notice of Violation is a narrow view. He stated the Operations and Maintenance Manual should be an integral part of every project. He also stated that the Personnel Policy should be updated to state that it is the policy of the District to comply fully with all State Water Quality Control requirements. He concluded by stating he felt that an independent investigation of the culture of the organization and management issues is required.

Director Ferrara began by stating his opinion that much of tonight's proceedings were fueled by hearsay information and illegitimate media. He added that he intended to clear the record regarding the hearsay information that is circulating.

He began with the so called 'whistle blower' status of two former employees. There are currently two complaints made by former employees Devina Douglas and Scott Mascolo. He read the response from the Department of Fair Employment and Housing to the complaint as filed by Devina Douglas:

"This constitutes service of the enclosed complaint of discrimination filed with the Department of Fair Employment and Housing pursuant to the California Fair Housing and Employment Act, Government Code Section 12900 et seq.

The complainant's allegation(s) were considered during the filing process, and it was determined that further investigation was not warranted, and that an accusation of discrimination would not be issued. Accordingly, the complaint has been closed and a closing letter and right-to-sue notice has been issued."

Director Ferrara stated a similar response was received from DFEH regarding Scott Mascolo with a notation that the complaint had been withdrawn.

Director Ferrara addressed comments made by members of the Surfrider Foundation. He applauded the good work the organization does and understood their passion. He was concerned with their continued allegations of "malfeasance"; he believed that the term was completely invalid in this case. He was also concerned that the Surfrider Foundation has brought up the issue of transparency repeatedly and has portrayed their organization as being transparent as well, yet when Administrator Wallace attended the Surfrider Foundation meeting in order to give a presentation as agreed upon by all parties, he was asked to leave after giving the presentation and not allowed to remain to hear other comments by Mr. Mascolo.

Director Ferrara addressed the Surfrider Foundation's specific concerns about the Wastewater Treatment Plant's outdated techniques and the recycled water issue. He underscored that the District has in the past, and continues to study the feasibility of recycled water but fiscal requirements continue to be at issue with close to \$40 million dollars required.

The next topic Director Ferrara addressed were the allegations about the Wallace Group regarding specific projects. He stated that he was Board Chairman at that time these allegations surfaced and worked directly with Counsel Seitz regarding the subsequent investigation. Neither Administrator Wallace nor the Wallace Group was involved in the investigation. He highlighted one of the investigators comments regarding the District Administrator vs. District Engineer role as stating "even though that relationship exists

elsewhere, and even though in my investigation there is no wrongdoing or conflict of interest, it still lends itself toward public scrutiny and closer public examination". This comment was why he agreed to look at the bifurcation of the Wallace Group contract.

Director Ferrara stated his bottom line was that the District had already spent \$14,000 on an unbiased investigation; he also estimated that the District has spent over \$125,000 responding to frivolous allegations for the past year, he felt spending additional District funds on yet another investigation was not called for. He supported a form of best practices examination of the District through a peer forum. He reiterated that he gave full support to making changes and improvements in a positive manner but has had enough of the finger pointing and unfounded allegations.

Chairman Nicolls stated that he concurred with the majority of Director Ferrara's comments. He asked for a Board motion with regards to the matter before them.

**After further Board discussion regarding the method of investigation it was moved by Vice Chairman Hill, seconded by Director Ferrara to direct staff to bring back a proposal (by the April 20 2011 meeting) to have a management review of best practices and management culture which would be participated in by the plant manager, the plant administrator, and members of similar staff from other organizations. Motion carried.**

5. PUBLIC COMMENT ON CLOSED SESSION

Mr. Brees recommended that the District pursue separating district administration and contracting agreements.

Ms. Carole Henson thanked the Board for bringing the review of the District Administrator/Engineers contract to closed session.

6. CLOSED SESSION ITEM (GOVERNMENT CODE SECTION 54956.9(A))

The Board convened into closed session in regards to two matters:

Employee Discipline (Government Code 54957)  
Conference with Legal Counsel – Review of District Administrators/Engineers Contract

7. RETURN TO OPEN SESSION, REPORT ON CLOSED SESSION

The Board returned to open session and stated that no reportable action had been taken.

8. MISCELLANEOUS ITEMS

There were no miscellaneous written or oral communications.

9. ADJOURNMENT

There being no further business to come before the Board the meeting was adjourned at approximately 8:15 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  
4/6/2011

| ISSUED TO                | PURCHASE/SERVICE    | INV. # / SERVICE PERIOD | WARRANT NO. | ACCT    | ACCT BRKDN | TOTAL      |
|--------------------------|---------------------|-------------------------|-------------|---------|------------|------------|
| AMERICAN FLAG & GIFT     | FLAGS               | 118850A                 | 040611-5468 | 8035    | 200.10     | 200.10     |
| ARAMARK UNIFORMS         | EMPLOYEE UNIFORMS   | 5751612 5771790 5791989 | 69          | 7025    | 529.59     | 529.59     |
| AT&T                     | TELEPHONE SERVICE   |                         | 70          | 7011    | 445.45     | 445.45     |
| BILL NICOLLS             | BOARD SERVICE       | MARCH                   | 71          | 7075    | 100.00     | 100.00     |
| BRENTAG PACIFIC, INC     | CHEMICALS           | 082867 0808676 079910   |             |         |            |            |
|                          |                     | 078093                  | 72          | 8050    | 18,348.79  | 18,348.79  |
| BROUGH CONSTRUCTION      | 05MBI 06 CENTRIFUGE | PROG PAY 5              | 73          | 20/8065 | 77,700.42  | 77,700.42  |
| CA ELEC SUPPLY           | ELEC SUPPLIES       | 442734                  | 74          | 8055    | 240.86     | 240.86     |
| CALPERS MEDICAL          | EMPLOYEE MEDICAL    | APRIL                   | 75          | 6010    | 4,880.89   | 4,880.89   |
| CHARTER COMMUNICATIONS   | INTERNET SERVICE    | APRIL                   | 76          | 7011    | 56.63      | 56.63      |
| CHERRY LANDE NURSERY     | LANDSCAPE SUPPLIES  | 29739 29750             | 77          | 8060    | 346.12     | 346.12     |
| CROSBY COMPANY           | 2009/10 AUDIT       |                         | 78          | 7072    | 5,300.00   | 5,300.00   |
| D'ANGELOS IND COATINGS   | PAINT               | S210943                 | 79          | 8060    | 358.84     | 358.84     |
| D&H WATER SYSTEMS        | PROBE CLEANER       | 2011-19                 | 80          | 8030    | 484.39     | 484.39     |
| EARTH SYSTEMS PACIFIC    | 05MBI 06 CENTRIFUGE | 236668                  | 81          | 20/8065 | 287.25     | 287.25     |
| E&J AUTO PARTS           | VEHICLE MAINT       | 307720                  | 82          | 8032    | 30.35      | 30.35      |
| FEDEX                    | SHIPPING            | 7 422 40859 743861415   | 83          | 8045    | 110.71     | 110.71     |
| GAS SYSTEMS LLC          | COGEN MAINT         | 2ND QTR 666             | 84          | 7097    | 7,673.50   | 7,673.50   |
| HACH COMPANY             | LAB SUPPLIES        | 7170618                 | 85          | 8040    | 46.60      | 46.60      |
| JB DEWAR                 | VEHICLE FUEL        | 757076                  | 86          | 8020    | 47.66      | 47.66      |
| JIM HILL                 | BOARD SERVICE       | MARCH                   | 87          | 7075    | 100.00     | 100.00     |
| JOHN DEERE LANDSCAPES    | LANDSCAPE SUPPLIES  | 57087929                | 88          | 8060    | 80.04      | 80.04      |
| LAB SAFETY SUPPLY        | SAFETY SUPPLIES     | 1017063392              | 89          | 8056    | 155.34     | 204.34     |
|                          | MISC SUPPLIES       | 1017052090              |             | 8040    | 49.00      |            |
| LIEBERT CASSIDY WHITMORE | LEGAL SERVICES      | 128956 128957           | 90          | 7071    | 1,836.00   | 1,836.00   |
| MC MASTER CARR           | MISC SUPPLIES       | 81059046 80594248       | 91          | 8055    | 322.73     | 341.02     |
|                          |                     | 80308358 79679581       |             | 8035    | 18.29      |            |
|                          |                     | 80353424 79445827       |             |         |            |            |
| NEXTEL                   | CELL PHONE SERVICE  | 205201234-068           | 92          | 7013    | 74.12      | 74.12      |
| PERRY'S ELECTRIC MOTORS  | BALDOR MOTOR        | 12297                   | 93          | 8030    | 986.68     | 986.68     |
| PG&E                     | ELEC SERVICE        | MARCH                   | 94          | 7091    | 6,267.68   | 6,267.68   |
| POLYDYNE, INC            | CLARIFLOC           | 594704                  | 95          | 8050    | 925.54     | 925.54     |
| PRAXAIR DISTRIBUTION     | WELDING SUPPLIES    | 39155467                | 96          | 8030    | 35.70      | 35.70      |
| RADIO SHACK              | CAMERA & SUPPLIES   | 656586                  | 97          | 7015    | 171.27     | 171.27     |
| SHERWIN WILLIAMS         | PAINT               | 6081                    | 98          | 8060    | 277.07     | 277.07     |
| SHIPSEY & SEITZ          | LEGAL SERVICES      | FEB                     | 99          | 7071    | 18,864.70  | 18,864.70  |
| SSLOCSO PETTY CASH       | MISC SUPPLIES       | REIMBURSEMENT           | 5500        | 8045    | 208.44     | 229.89     |
|                          |                     |                         |             | 8040    | 21.45      |            |
| STANLEY SECURITY         | SECURITY SERVICE    | 8126498                 | 5501        | 7014    | 62.20      | 62.20      |
| STATE FUND COMPENSATION  | WORK COMP           | MARCH                   | 5502        | 6080    | 3,544.30   | 3,544.30   |
| SUNRISE ENVIRONMENTAL    | CLEANING SUPPLIES   | 4885                    | 5503        | 8035    | 178.32     | 178.32     |
| TITAN INDUSTRIAL         | MISC SUPPLIES       | 1044873 1044872 1044831 | 5504        | 8030    | 420.30     | 1,348.57   |
|                          |                     | 1044838 1044812 1044813 |             | 8056    | 105.00     |            |
|                          |                     | 1044757                 |             | 8060    | 823.27     |            |
| TONY FERRARA             | BOARD SERVICE       | MARCH                   | 5505        | 7075    | 200.00     | 200.00     |
| UNITED STAFFING          | DAY LABOR           | 48311 48603 48858 48977 | 06          | 8060    | 3,312.39   | 3,312.39   |
| USA BLUEBOOK             | MISC SUPPLIES       | 352013 350698           | 07          | 8040    | 66.44      | 66.44      |
| WHITE CAP CONSTRUCTION   | MISC SUPPLIES       | 65046570                | 08          | 8060    | 509.56     | 509.56     |
| WOESTE ELECTRIC          | ELECTRICAL REPAIRS  | 5937 5938               | 09          | 8060    | 1,530.00   | 1,530.00   |
| SUB TOTAL                |                     |                         |             |         | 158,333.98 | 158,333.98 |
| PAYROLL                  | PPE 3/11/11         |                         |             |         | 19,878.22  | 19,878.22  |
| PAYROLL                  | PPE 3/25/11         |                         |             |         | 19,917.93  | 19,917.93  |
| GRAND TOTAL              |                     |                         |             |         | 198,130.13 | 198,130.13 |

We hereby certify that the demands numbered serially from 040611-5468 to 040611-5509 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:

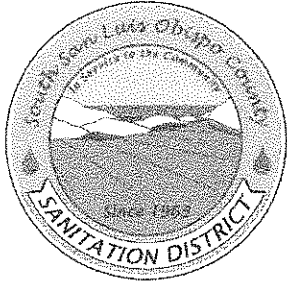
DATE: \_\_\_\_\_

\_\_\_\_\_  
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/>

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Date: March 30, 2011

To: John Wallace, District Administrator *EW*

From: Bob Barlogio, acting CPO

Re: Superintendent's Report

The average daily flow, so far this month is 2.6 million gallons per day.

The average BOD, so far this month is 34 mg/l.

The average Total Suspended Solids (TSS), so far this month is 28 mg/l.

Our limit is 40 mg/l, monthly average on each.

Average BOD removal rate, so far this month is 90%, TSS removal is 96%.

We did a chlorinated flush on the FFR on March 4, this resulted in a high BOD and TSS result for that week, but we were within our limits.

Staff painted various pieces of equipment and the final pump room.

Had several days of the State of California Water Resources Control Board here, investigation of the sewage spill from Dec 19, 2010.

Submitted a "peak loading" study plant to Mr. Keeling of the local water board. Mr. Keeling gave us the ok on the study as put forth, and to complete it in house.

Installed monofilament "fishing" lines over the final clarifier to reduce the duck population. We are suspicious that several of the high results may have come from the many ducks in the final clarifier, contaminating the samples.

Please see attached data on the plant discharge monitoring report.

CALIFORNIA STATE WATER RESOURCES CONTROL BOARD

DISCHARGER SELF MONITORING REPORT

South San Luis Obispo Sanitation District  
POST OFFICE BOX 399  
Oceano, Ca 93475

DAILY REPORT

|              |              |
|--------------|--------------|
| FACILITY ID# | 34001110001  |
| NPDES #      | 48003        |
| WDR ORDER #  | R3-2009-0046 |
| SAMPLE TYPE  | METERED      |

REPORT DATE Mar-11

BEGINNING

REPORTING PERIOD

DAILY

ENDING

3/1/2011

3/31/2011

| DESCRIPTION | INFLUENT | INFLUENT |  | EFFLUENT |
|-------------|----------|----------|--|----------|
| NAME        | FLOW MGD |          |  |          |
| FREQUENCY   | DAILY    |          |  |          |
| DATE   REQ  |          |          |  |          |
| 1           | 2.61     | 4.0      |  |          |
| 2           | 2.72     | 3.9      |  |          |
| 3           | 2.33     | 3.5      |  |          |
| 4           | 2.49     | 3.8      |  |          |
| 5           | 2.54     | 4.2      |  |          |
| 6           | 2.65     | 4.4      |  |          |
| 7           | 2.80     | 4.5      |  |          |
| 8           | 2.58     | 3.9      |  |          |
| 9           | 2.59     | 3.9      |  |          |
| 10          | 2.49     | 4.1      |  |          |
| 11          | 2.45     | 3.9      |  |          |
| 12          | 2.41     | 3.7      |  |          |
| 13          | 2.62     | 4.6      |  |          |
| 14          | 2.79     | 4.5      |  |          |
| 15          | 2.51     | 3.8      |  |          |
| 16          | 2.17     | 3.9      |  |          |
| 17          | 2.46     | 3.5      |  |          |
| 18          | 2.42     | 3.7      |  |          |
| 19          | 2.42     | 3.8      |  |          |
| 20          | 2.96     | 4.5      |  |          |
| 21          | 1.83     | 3.6      |  |          |
| 22          | 3.12     | 4.2      |  |          |
| 23          | 2.50     | 4.0      |  |          |
| 24          | 2.72     | 3.8      |  |          |
| 25          | 2.80     | 3.9      |  |          |
| 26          | 2.72     | 4.1      |  |          |
| 27          | 2.90     | 4.7      |  |          |
| 28          | 3.03     | 5.3      |  |          |
| 29          | 2.71     | 4.0      |  |          |
| 30          | 2.61     | 4.0      |  |          |
| 31          |          |          |  |          |
| AVERAGE     | 2.60     | 4.1      |  |          |
| MAX         | 3.12     | 5.3      |  |          |
| MIN         | 1.83     | 3.5      |  |          |
| total       | 77.95    |          |  |          |

I declare under penalty of law that the forgoing is true and accurate as specified in the WDO for this facility

Date:

flow chart was off on 3/16/11, 3/21/11 due to circuit breaker tripped

# CALIFORNIA STATE WATER RESOURCES CONTROL BOARD DISCHARGER SELF MONITORING REPORT

South San Luis Obispo Sanitation District  
POST OFFICE BOX 399  
Oceano, Ca 93475

|              |              |
|--------------|--------------|
| FACILITY ID# | 34001110001  |
| NPDES #      | 48003        |
| WDR ORDER #  | R3-2009-0046 |
| SAMPLE TYPE  | 24-HR COMP   |

# MONTHLY REPORT

[illegible]

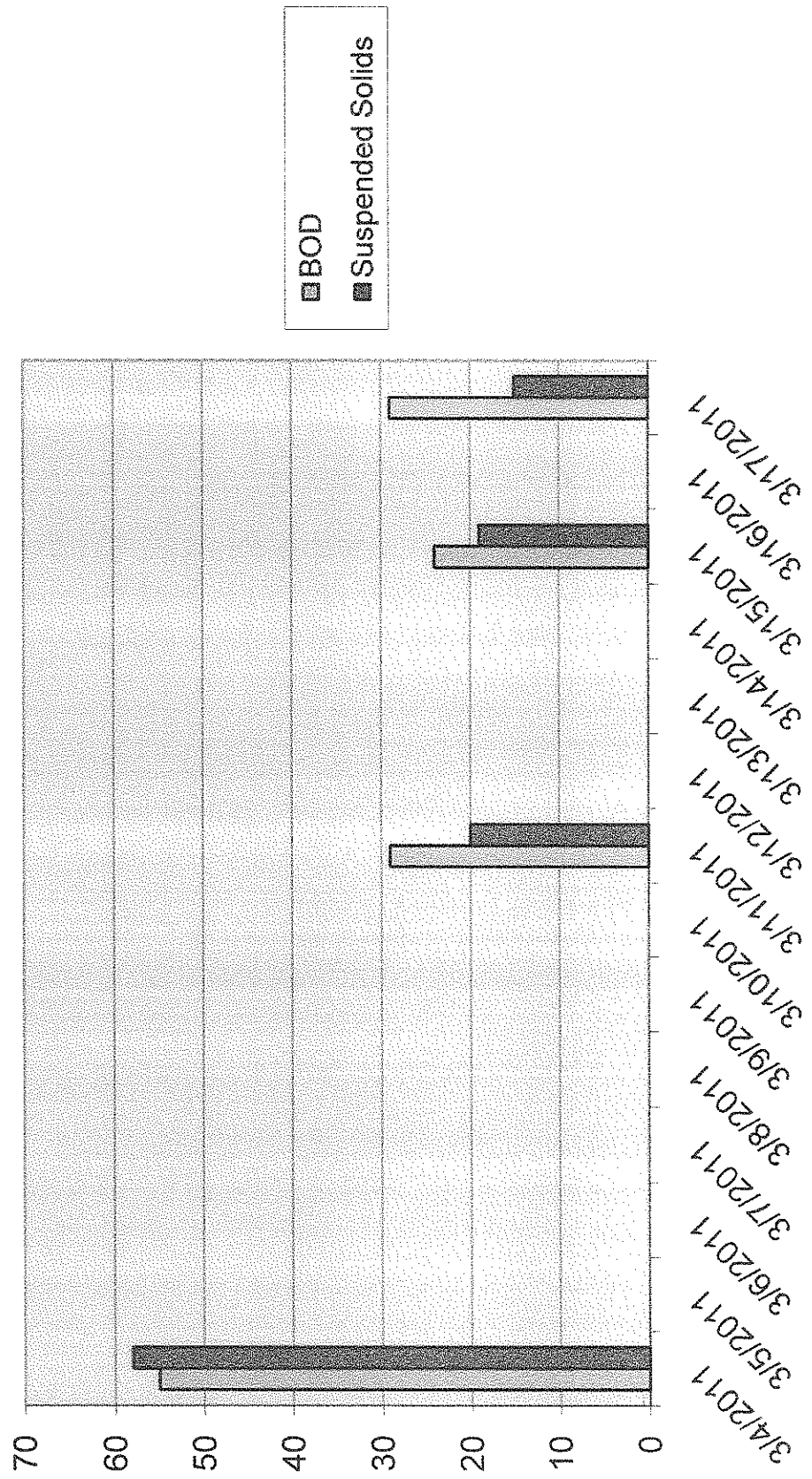
REMARKS:

I declare under penalty of law that the foregoing is true and accurate as specified in the WDO for this facility

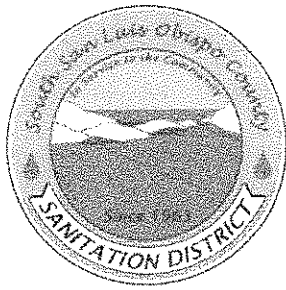
Date:



## Mar 2011 plant effluent







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

<http://sslccsd.org/>

### Staff Report

**To:** Board of Directors  
**From:** John Wallace, *District Administrator*   
**Date:** April 6, 2011

**Subject:** California Special Districts' Nomination

#### Recommendation:

Staff recommends the Board receive and consider the attached information from CSDA regarding interest in their Board or Directors.

#### Discussion:

The attached letter indicates that the CSDA will elect directors for six seats that will expire. Our region is No. 4 and the incumbent is Tim Unruh of the Kern County Cemetery District. If any of our Board members are interested in serving the Board should take action to nominate and provide the form to CSDA by August 5, 2011.



## California Special Districts Association

*Districts Stronger Together*

**DATE:** March 2, 2011

**TO:** CSDA Voting Member Presidents and General Managers

**FROM:** CSDA Elections and Bylaws Committee

**SUBJECT: CSDA BOARD OF DIRECTORS CALL FOR NOMINATIONS  
SEAT C**

The Elections and Bylaws Committee is looking for Independent Special District Board Members or their General Managers who are interested in leading the direction of the California Special Districts Association for the 2011-2014 term.

The leadership of CSDA is elected from its six geographical regions. Each of the six regions has three seats on the Board with staggered 3-year terms. Candidates must be affiliated with an independent special district that is a CSDA regular member located within the geographic region that they seek to represent. (See attached Region Map)

The CSDA Board of Directors is the governing body responsible for all policy decisions related to CSDA's member services, legislative advocacy, education and resources. The Board of Directors is crucial to the operation of the Association and to the representation of the common interests of all California's special districts before the Legislature and the State Administration.

**Commitment:** Serving on the Board requires one's interest in the issues confronting special districts statewide. A board member is expected to attend all board meetings held every other month, usually on the second Friday of the month, at CSDA's office in Sacramento. Besides serving on the Board, each Board Member is expected to participate on at least one committee, which usually meets 3-4 times a year in Sacramento. CSDA reimburses directors for their related expenses for Board and Committee meetings as outlined in Board Policy. In addition, all Board Members are expected to attend CSDA's two annual events: Special Districts Legislative Days (held in the spring) and the Annual Conference (held in the fall) as part of their obligation to the CSDA membership; expenses for these two events are not reimbursed by CSDA, even if a board meeting or committee meeting is held in conjunction with the event.

**Nomination Procedures:** Any regular member Independent Special District is eligible to nominate one person, a board member or managerial employee (as

CALIFORNIA SPECIAL DISTRICTS ASSOCIATION  
BOARD OF DIRECTORS

**NOMINATION FORM**

PLEASE BE SURE THE CANDIDATE'S PHONE NUMBER IS ONE WHERE WE CAN REACH THE CANDIDATE

Name of Candidate: \_\_\_\_\_

District: \_\_\_\_\_

Mailing  
Address: \_\_\_\_\_  
\_\_\_\_\_

Region: \_\_\_\_\_ (see attached map)

Telephone: \_\_\_\_\_

Fax: \_\_\_\_\_

E-mail: \_\_\_\_\_

Nominated by (optional): \_\_\_\_\_

Return this form and a Board resolution/minute action supporting  
the candidate by fax or mail to:

CSDA  
Attn: Charlotte Lowe  
1112 I Street, Suite 200  
Sacramento, CA 95814  
(916) 442-7887      (916) 442-7889 fax

***DEADLINE FOR RECEIVING NOMINATIONS – May 27, 2011***



## 2011 CSDA Board of Directors by Region

### Region 1

Mark Bryant, *Garberville Sanitary District*  
 Norman Shopay, *McKinleyville CSD*  
 Phil Schoefer, *Western Shasta RCD*

### Region 2

Noelle Mattock, *El Dorado Hills CSD*  
 Ginger Root, *Tuxedo Country Club FPD*  
 Pete Kampa, *Tuolumne Utilities District*

James Kohnen, *Alameda County Mosquito AD*  
 Sherry Sterrett, *Pleasant Hill RPD*  
 Stanley Caldwell, *Mt. View Sanitary District*

### Region 3

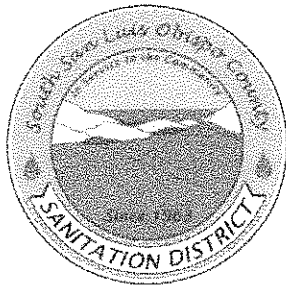
Adrienne (Ann) Mathews, *Kern County Water Agency*  
 Tim Ruiz, *East Niles CSD*  
 Tim Unruh, *Kern County Cemetery District No. 1*

### Region 4

Jack Curtis, *Ojai Valley Sanitary District*  
 Kathy Tiegs, *Cucamonga Valley Water*  
 Jim Acosta, *Saticoy Sanitary District*

### Region 5

Jo MacKenzie, *Vista Irrigation District*  
 William Nelson, *Orange County Cemetery District*  
 Dewey Ausmus, *North County Cemetery District*



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### Staff Report

**To:** Board of Directors  
**From:** John Wallace, *District Administrator*  
**Date:** April 6, 2011

**Subject:** LAFCO Special District Election

#### Recommendation:

Staff recommends the Board complete the LAFCO ballot in favor of Ed Eby, Director of NCSD. Alternatively the Board may consider voting for another candidate as shown on the official ballot (attached).

#### Discussion:

Ed Eby was previously nominated for the position of LAFCO Special District Member at the February 16, 2011 Board meeting. At that time it was the District's intention that Mr. Eby be elected to this position. However, the ballot cannot be completed until after March 4, 2011 and is due back to LAFCO by April 8, 2011.

## Christine Burkett

---

**From:** David Church [dchurch@slolafco.com]  
**Sent:** Tuesday, March 08, 2011 9:47 AM  
**To:** Christine Burkett  
**Subject:** RE: LAFCO ballot

Hi Christine

This ballot needs to be considered on a District agenda after the March 4 release date of the ballot. The February 16 item nominated Mr. Eby for the position, but unfortunately cannot be used as the District's vote. Otherwise the vote may not be considered valid. Sorry for the hassle. Please call if you have any questions.

David Church, AICP  
Executive Officer  
San Luis Obispo LAFCO  
805.788.2096

-----Original Message-----

From: Christine Burkett [mailto:ChristineB@wallacegroup.us]  
Sent: Tuesday, March 08, 2011 9:32 AM  
To: dchurch@slolafco.com  
Subject: LAFCO ballot

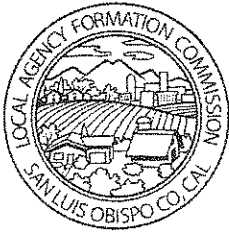
Attached you will find the ballot from South San Luis Obispo County Sanitation District.

Christine Burkett  
OFFICE MANAGER

WALLACE GROUP  
612 CLARION COURT  
SAN LUIS OBISPO  
CALIFORNIA 93401

T 805 544-4011  
F 805 544-4294

[www.wallacegroup.us](http://www.wallacegroup.us)



**LAFCO - San Luis Obispo - Local Agency Formation Commission**  
*SLO LAFCO - Serving the Area of San Luis Obispo County*

**TO: EACH INDEPENDENT SPECIAL DISTRICT**

**FROM: DAVID CHURCH, EXECUTIVE OFFICER**

**DATE: MARCH 4, 2011 DUE DATE: APRIL 8, 2011**

**SUBJECT: BALLOT FOR LAFCO SPECIAL DISTRICT MEMBER**

Five individuals have been nominated for the Special District position currently filled by Ed Eby of the Nipomo CSD. The term for this position would expire in December 2014. Please vote for one of the nominees:

- |  |   |
|--|---|
| <input type="checkbox"/> Ed Eby          | Nipomo Community Services District            |
| <input type="checkbox"/> Rosie Flynn     | San Miguel Cemetery District                  |
| <input type="checkbox"/> Brian Kreowski  | Port San Luis Harbor District                 |
| <input type="checkbox"/> Lisa Marrone    | California Valley Community Services District |
| <input type="checkbox"/> Greg O'Sullivan | Templeton Community Services District         |

Agenda Date of Action: \_\_\_\_\_

General Manager or President: \_\_\_\_\_

The Government Code (56332 (c)(1)) states that "at the end of the nomination period, the Executive Officer shall prepare and deliver, or send by certified mail, to each independent special district one ballot and voting instructions." The Government Code also allows for the ballot and instructions to be sent electronically if the special district selection committee agrees and written evidence of receipt of the ballot and instructions is retained by the executive officer. The local California Special District Association (CSDA) chapter of Special Districts has agreed that completing the election electronically is appropriate because attaining a quorum is not possible.

**Ballot Instructions.** Each Independent Special District may vote for one nominee. The vote by a District must be considered by the District's Board of Directors as an item on its agenda. Please schedule this matter for a vote at your Board of Directors meeting as soon as possible. The District's selection should be returned to the LAFCO office no later than **April 8, 2011** via one of the following ways:

**1) An email indicating the date the item was on the Board of Directors agenda and the selected nominee,**

**COMMISSIONERS**

RICHARD ROBERTS  
Chair, Public Member

DUANE PICANCO  
Chair, City Member

JAMES R. PATTERSON  
County Member

MURIL CLIFT  
Special District Member

Ed Eby  
Special District Member

BRUCE GIBSON  
County Member

KRIS VARDAS  
City Member

**ALTERNATES**

VACANT  
Special District Member

Roberta Fonzi  
City Member

TOM MURRAY  
Public Member

FRANK MECHAM  
County Member

**STAFF**

DAVID CHURCH  
Executive Officer

RAYMOND A. BIERING  
Legal Counsel

MIKE PRATER  
Analyst

DONNA J. BLOYD  
Commission Clerk

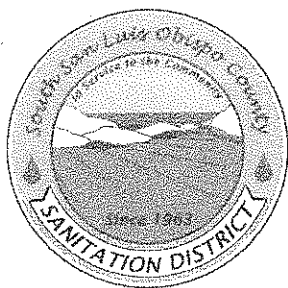
2) A scanned pdf of this ballot attached to an email with one of the nominees selected and the date it was considered on the Board's agenda, or

3) A fax with a cover memo sent to LAFCO with one of the nominees selected and the agenda date of the Board's decision. FAX number 805-788-2072.

Please contact me at 781-5795 or [Dchurch@slolafco.com](mailto:Dchurch@slolafco.com) if you have any questions.

cc: Members, Formation Commission





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### Staff Report

**To:** Board of Directors  
**From:** John Wallace, *District Administrator*  
**Date:** April 6, 2011

**Subject:** December 2010 Statewide Storms- FEMA -1952-DR- Update

### Recommendation:

Staff recommends that the Board receive and file report

### Funding:

The storms on December 18-19, 2010 resulted in approximately \$108,091 in damage to the District. The potential exists to recoup a portion of these costs through Cal EMA and FEMA reimbursement. If the costs are determined to be eligible for reimbursement then the following cost share allocations would apply:

- Federal share is 75% of the eligible costs
- State share is 75% of the remaining 25% of the costs (18.75%)
- Therefore, the resulting District's would be 6.25%

Table 1 below provides an estimated breakdown of possible reimbursement between the District, Cal EMA and FEMA.

**Table 1- Cost Reimbursement Breakdown**

| FEMA Federal Share<br>(75%) | Cal EMA State Share<br>(18.75%) | District Local Share<br>(6.25%) | Total        |
|-----------------------------|---------------------------------|---------------------------------|--------------|
| \$81,068.48                 | \$20,267.12                     | \$6,755.71                      | \$108,091.31 |

The above breakdown is only an estimate and the final eligible reimbursable amount will be determined once Cal EMA and FEMA complete their review of eligible reimbursement requests. The above amount does not include the repair work from the Breaker Study. If the proposed repairs from the Breaker Study are determined eligible, then the amount will be increased through a supplement request.

### Discussion:

On December 21, 2010, Governor Arnold Schwarzenegger proclaimed a state of Emergency in six counties due to weather related damage. Following the storms and additional assessments, the Federal Government declared that a major disaster area existed in 10 California counties including San Luis Obispo, due to the December 2010 winter storms. The total estimate costs for the statewide storm exceeds \$75 million based upon joint FEMA-California Emergency Agency (Cal EMA) preliminary damage assessments.

The State and Federal declaration provides local agencies the ability to submit requests for reimbursement for costs spent to address damage caused by the storm. The District met with Cal EMA and FEMA staff on March 8, 2011 and discussed the damage to the wastewater treatment plant and service area as a result of the winter storm event. District staff presented 12 separate items to Cal EMA and FEMA staff. During the discussion the projects were refined and combined into three categories A) Debris Clearance; B) Protective Measures; and C) Public Utility System. This District prepared a Project Worksheet which listed a total of 6 items amounting to \$108,091.31 (Table 2). This is not the full amount requested since one of the items includes the Breaker Study and possible improvements with an unknown cost. Once Cal EMA finishes their review, the list may be modified again.

Table 2- Project List

| Item # | Description of Damage and Scope of Work   | Cost Estimate | Category |
|--------|---|---------------|----------|
| 1      | Clean up of sewage spill at Coolidge Drive and Norswing Drive; Service Bay cleanup of oily water substances, pumped out & disinfected and disposal, Clean up on site the plant during spill/flooding  | \$24,198.14   | A        |
| 2      | District operators responding to plant operation while alarm system was offline. Installing portable pumps, Motor pumps dipped/baked and replacement of bearings, rental of portable lights for emergency work, Rewired influent pumps with under ground wiring     | \$46,852.48   | B        |
| 3      | Headworks-Generator Alarm System malfunction, trouble shoot and installation a new generator alarm at generator panel. Wiring of alarm from main electrical control building to main building alarm board. Removal of faulty motors and replace with rebuilt motors | \$22,822.19   | F        |
| 4      | Breaker Study for failure of Headwork's breaker switch system   | \$9,815.00    | F        |
| 5      | Wiring Repairs at alarm system according to Breaker Study.  | \$323.00      | F        |
| 6      | I/I study (CA No. 2) of project task list   | \$4,080.50    | F        |
|        |   | \$108,091.31  |          |

The Breaker study's contractual terms are being finalized and the District anticipates the study will begin early April and should be completed by the end of May.

Previously, Staff provided the Board the process of requesting Cal EMA funding. To date, the following steps have been completed:

- Step 1 The State determines the magnitude of the damage through a Preliminary Damage Assessment (PDA). A team formed from the California Emergency Management Agency (Cal EMA) and local personnel visit local applicants and view the damage first-hand to assess the scope of damage and estimate repair costs. The Governor uses the results to determine whether or not to request federal assistance. Once the PDA is determined there is an Applicants' Briefing. **(Completed by the State)**
- Step 2 The Applicant's Briefing is a meeting conducted by the California Emergency Management Agency (Cal EMA) to inform prospective applicants of available assistance and eligibility requirements for obtaining State assistance under the declared event. **(Completed by the State)**

Step 3 Submission of Project Application by Applicant - The Project Application (OES 126) is the application form that local agencies use to apply for disaster assistance. **(Completed by the District)**

Step 4 Kick-off Meeting with Area Coordinator (AC) - The first substantive meeting between the applicant and the AC is called the Kickoff Meeting. **(Completed by the State/District)**

Step 5 Project Review and Validation - The purpose of validation is to confirm the eligibility, compliance, accuracy, and reasonableness of projects formulated by an applicant, and to ensure that the applicant receives the maximum amount of assistance available under the law. **(District Staff has submitted all back up documentation such as invoices and forms to Cal EMA staff and they are reviewing the information for validation)**

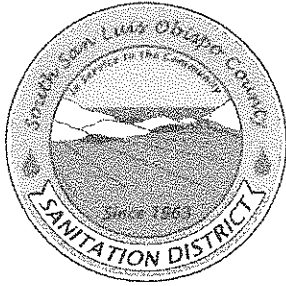
Step 6 Final Claim Process

- Documents must be filed within 60 days of completion of work **(Open)**

Step 7 Final Inspection Requirements **(Open)**

- Site inspections by Cal EMA
- Adjustments made for actual cost
- Retention released
- Cal EMA invoices applicant for funds owed the State

Cal EMA is reviewing the documentation provided to them by the District regarding the project lists and costs. Once Cal EMA and FEMA have made their determination Staff will meet with the State and discuss the results.



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<http://sslocsd.org/>

### **Staff Report**

**To:** Board of Directors  
**From:** John Wallace, District Administrator *[Signature]*  
**Date:** April 6, 2011

**Subject:** Update on the District's Fats Oils and Grease (FOG) Program

#### **Recommendation:**

Receive a presentation of the status of the District's FOG Program

#### **Funding:**

All costs associated with the FOG program are reimbursed by the Member Agencies

#### **Discussion:**

The Member Agencies of the District are required by the Central Coast Regional Water Quality Control Board to institute a Fats, Oils, and Grease (FOG) Control Program as part of State Water Quality Control Order No. 2006-0003-DWQ. The primary purpose of a FOG program is to reduce the amount of Fats, Oils and Greases that enter the sewer collection system and as a result cause sewer blockage, backup and spills. FOG programs have two target audiences; homeowners and Food Service Establishments (FSE). Outreach to homeowners is through flyers, door hangers, and sewer bill inserts. Outreach to FSEs as they are generally the larger point source, is typically through a grease control inspection and permitting program. There are currently a relatively small number of FSEs within each of the Member Agencies. As such, the Member Agencies requested that the District manage the FOG program and the associated FOG reporting requirements for each of the Member Agencies as it is more cost effective and efficient. Following the approval and signing of the Member Agency Agreement in 2010 the District has continued the FOG program as follows.

During an initial inspection each FSE is provided with:

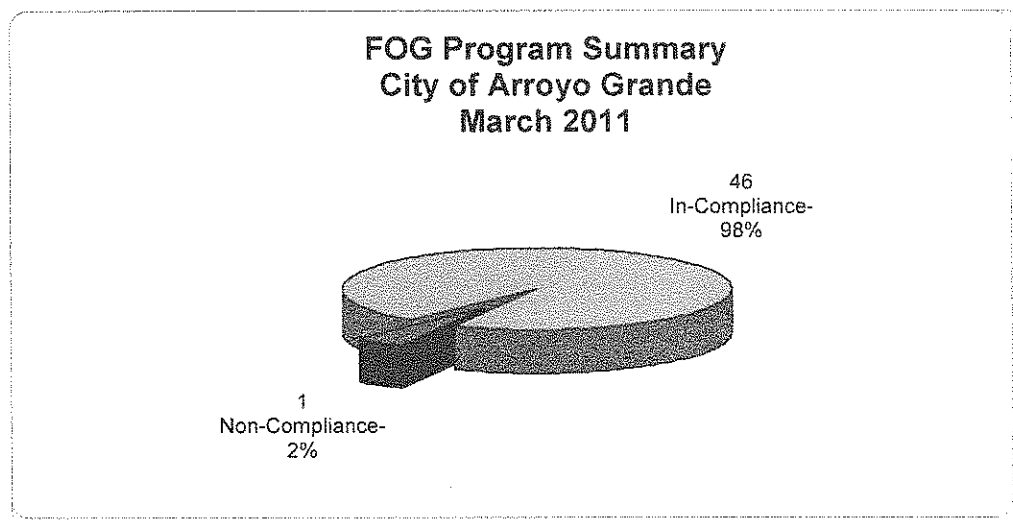
- FOG Flyer (general information, in English or Spanish)
- FOG Frequently Asked Questions Flyer (in English or Spanish)
- Diagram for how a grease trap/interceptor works
- Grease Hauler List (source: <http://www.calfog.org/>)
- Cleaning Maintenance Log
- Inspection report that states if a facility is in or out of compliance along with a timetable for corrective actions if out of compliance
- Permit application

The FOG Permits list the requirements on the posting permit. This permit is required to be posted in all FSEs and lists the requirements such as Best Management Practices (BMPs), frequency of cleaning grease removal devices and record keeping. Overall results have been very positive both in terms of the

FSEs' willingness to work with Staff to comply with the requirements as well as the overall reduction in FOG in the collection systems as indicated by Member Agency Staff. Outlined below is the status of the program for each of the Member Agencies.

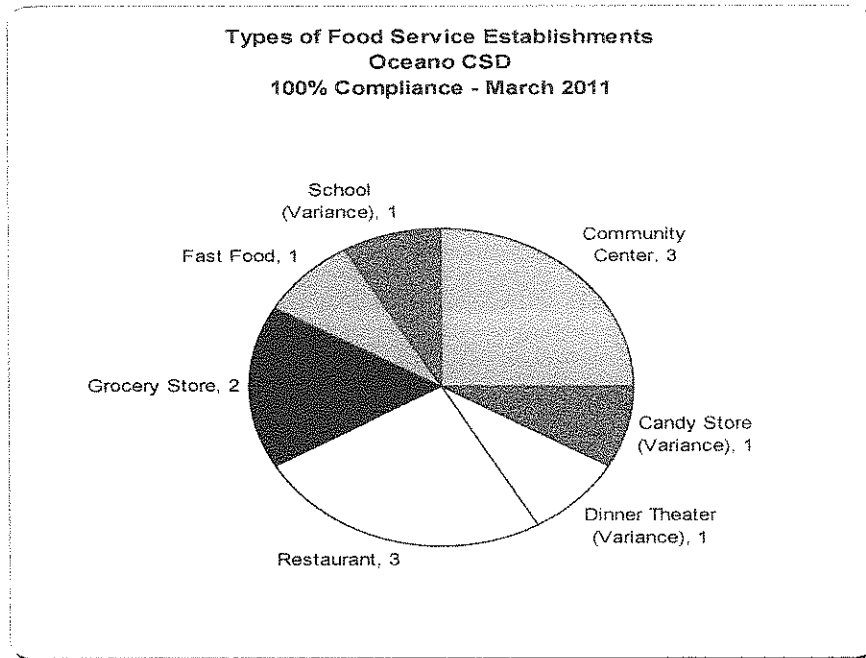
### **City of Arroyo Grande**

For the City of Arroyo Grande forty-seven (47) FSEs have been identified as possible FOG dischargers. To date, all of these FSEs have been inspected. The pie charts below demonstrate the success in reaching compliance. Currently, only one (1) FSE has not met the requirements. The FSE that remains out of compliance has been referred to code enforcement. For residential areas, door hangers are distributed by City staff in neighborhoods where FOG in the lines has been a problem.



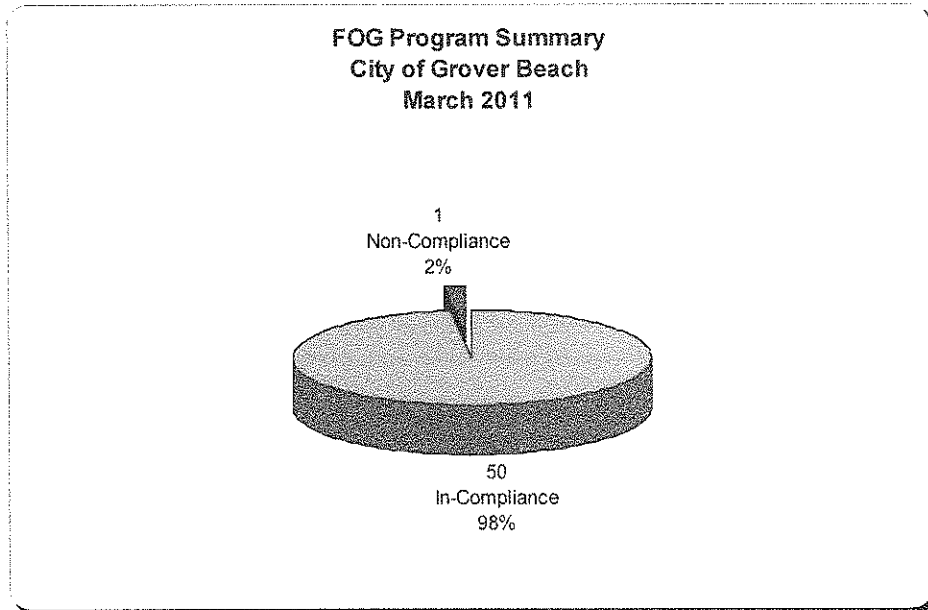
### **Oceano Community Services District**

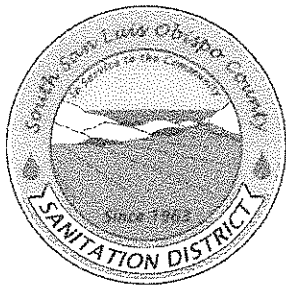
Twelve (12) Food Service Establishments (FSEs) have been identified in Oceano CSD as possible FOG dischargers. The chart below shows the types of FSEs that are permitted. At this time all of the potential FOG participants have been inspected. Since November 2009 we have 100% compliance in Oceano. Nine (9) permits have been issued and three (3) FSEs have been given a variance due to minimal FOG output. Permitted establishments are inspected twice a year and FSEs with variances are visited annually to be sure they continue to meet the criteria for the variance.



### City of Grover Beach

Within the City of Grover Beach Fifty-one (51) Food Service Establishments (FSEs) have been identified as possible FOG dischargers. To date, all FSEs have been inspected. The chart below demonstrates the success in reaching compliance. Currently, only one FSE has not met the requirements. The FSE that is out of compliance is working with the City to have a grease removal device installed. FSEs continue to be inspected twice a year and City Operations Staff have reported significant reductions of FOG found in the collection system lines. An insert has been placed in the sewer bills to educate residents about the problem of FOG in the sewer lines.





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<http://sslocsd.org/>

## Staff Report

**To:** Board of Directors  
**From:** John Wallace, *District Administrator*  
**Date:** April 06, 2011 Meeting

**Subject:** Influent Pumps Re-conductoring, 04 MBI 16, Electrical System Upgrade

### Recommendation:

Staff recommends contracting with Thoma Electric in the lump sum amount of \$ 6,200.00 for the preparation of specifications and drawings for the Influent Pump re-conductoring project..

### Funding:

The FY 2010-11 Budget includes the multi-phase project in Major Budget Item 04 MBI 16 – *Electrical System Upgrade* – in the amount of \$500,000.

|                         | Prior<br>FY's | Current FY<br>as of 04-06-11 | Total<br>All FYs | Proposed This<br>Staff Report |
|-------------------------|---------------|------------------------------|------------------|-------------------------------|
| Budget                  | \$ -          | \$ 500,000                   | \$ 500,000       | \$ -                          |
| <u>Expenditures</u>     |               |                              | \$ -             | \$ -                          |
| Testing/Troubleshooting | \$ -          | \$ -                         | \$ -             | \$ -                          |
| Design & Survey         | \$ -          | \$ -                         | \$ -             | \$ 5,270                      |
| Contract Administration | \$ -          | \$ -                         | \$ -             | \$ 930                        |
| Const Contingencies     | \$ -          | \$ -                         | \$ -             | \$ -                          |
| <u>Construction</u>     | \$ -          | \$ -                         | \$ -             | \$ -                          |
| Total Expenditures      | \$ -          | \$ -                         | \$ -             | \$ 6,200                      |
| Remaining Budget        |               |                              | \$ 500,000       | \$ 493,800                    |

### Discussion:

One of the contributing factors to the Sewer System Overflow (SSO) event on December 19, 2010 was stormwater accumulating in an in-ground electrical vault, running down an electrical conduit and eventually making its way down into an influent pump motor, causing a short circuit that shut down all four influent pumps,.

As part of the emergency response Staff and a contractor ran an electrical bypass cable above ground in conduit to get the pumps back online. While troubleshooting the electrical system that feeds the influent pumps, electricians found the original wires in the ground were not damaged, but reaching the end of their useful life.



The District has budgeted as Major Budget Item 04-MBI-16, the replacement of a number of electrical conductors throughout the plant. Given the high groundwater levels in the plant much of the underground wiring is submerged at times. The original wiring is insulated with material that is waterproofed to an older specification and over time the insulation may break down. All recent projects have installed wiring with new code-compliant waterproof insulation. Given that the conductors that feed the influent pumps are currently bypassed, it would be an opportune time to replace these conductors.

While scoping the project, staff determined that NFPA 820 classifies the Influent Structure dry pit area (above the pump room) as Class 1, Division 2. There is a Junction Box in this pit through which the pump conductors are routed that should be upgraded to meet this area classification. Given that the project consists of specifying replacement conductors, junction box(s) as well as other appurtenances an Electrical Engineer was required to prepare the bid package.

Staff contacted the San Luis Obispo firm of Thoma Electric to provide a quotation for the work which includes providing specifications for the wires, conduit seals-offs (to prevent future water in the conduit), and drawings for the routing of the wires, and relocation of the Junction Box in the dry pit area.

Thoma provided an estimate of \$ **5,270.00** for this work, plus an additional \$ **930.00** for Construction Administration for a lump sum total of \$ **6,200.00**.

Staff recommends contracting with Thoma Electric in the lump sum amount of \$ **6,200.00** for the preparation of specifications and drawings for the Influent Pump re-conductoring project. The terms and conditions for this contract will be amended in a form to be approved by District Counsel.



March 14, 2011

Wallace Group  
612 Clarion Ct.  
San Luis Obispo, CA 93401

Attn: Bill Lindahl

Re: Oceano WWTP  
Influent Pump Reconductoring

Project Description: Engineering/design services as required to specify new electrical cabling (feeders and branch circuits) to influent pumping plant from "MCC" Building. Assumes the existing pump room below grade is not a classified area (because of mechanical ventilation) and the open area above that is Class 1/Div. 2 as discussed.

Dear Bill:

As you have requested, we wish to offer our Revised Electrical Engineering and Consulting Services on the above project for a lump sum fee of \$6,200.00 that breaks down as follows:

|   |            |
|---|------------|
| Site Visit/Review Existing Conditions, Review As-Builts | \$1,860.00 |
| 50% Construction Documents, Draft Specifications        | \$2,480.00 |
| 100% Construction Documents, Final Specifications       | \$ 930.00  |
| Construction Administration                             | \$ 930.00  |

The fee shall include the following scope of Electrical Design work, as we understand it:

**1. Site**

- Specify new feeders, control conductors and branch circuits from existing motor control center (MCC) building and influent pumping plant.

*Qualifications*

- Assumes conductors are a one for one replacement to what is existing.

**2. Electrical**

- Partial power single line diagram and distribution system as required to show new feeders to influent pumping system.
- Electrical calculations (voltage drop) as required.
- Equipment layout and circuiting.

3562 Empleo, Ste.C - P.O.Box 1167  
San Luis Obispo, California 93406  
(805) 543-3850 FAX (805) 543-3829  
E-mail - bthoma@thomaelec.com

*Qualifications*

- *Work includes removal of existing pull box on wall and intercepting existing conduits (with EYS fittings) and extending them to new pull box at top of wall. Excludes replacement of all existing surface mounted conduits in the classified area (existing to remain).*
- *Excludes design of additional electrical systems beyond replacement of existing electrical conductors.*

**3. Lighting**

- Not in work scope.

**4. Communications**

- Not in work scope.

**5. General**

*Includes:*

- Site visit field investigations to determine existing conditions.
- Electrical demolition information and/or demolition plan, deemed necessary by our office.
- Consultant Coordination.
- Drafting, assuming your office provides us with electronic CAD drawing files satisfactory to our needs. To more efficiently incorporate your drawings with ours we request the following:
  - If you use AutoCAD software, please provide us with drawings in AutoCAD 2006 or prior .dwg file format. If you use non-AutoCAD software, please provide us with drawings in .dxf file format, not conversions to AutoCAD. Provide hardcopy of electronic files to assure accuracy.
  - Before sending drawings, please freeze or turn off layers not pertinent to the electrical consultant. Verify all external reference files are bound, or included in your submittal.
  - All line types and colors should be set 'bylayer'.
  - Use E-mail, CD's.
  - When your drawing files are available by FTP, it is your responsibility to alert us of updates.
- Electrical specifications (book format).
- Details for construction to assist the Electrical Contractor and as deemed necessary by our office.

*Excludes:*

- Statement of Probable Construction cost.
- Phasing of Work.
- Base plan revisions (other than minor changes resulting in consultant coordination) once authorized to proceed with construction documents and/or multiple base upgrades.
- Printing and plotting costs other than those required for our own internal use.
- Site Visits and Travel Expenses not included above.

- Structural calculations for equipment attachments to structure.
- Detailed cost comparisons between optional systems and/or systems life cycle cost analysis.
- Preparation of "as-built" drawings from Contractor's mark-up.

**6. Bidding Assistance**

- Issue addenda as required due to design clarifications or changes.
- Respond to bidder request for information.

**7. Construction Administration**

- Material and Equipment shop drawing and product submittal review. Submittal reviews requiring more than two (2) reviews due to incomplete or incorrect data or substitutions shall be considered extra services and charged hourly at our published rates.
- Respond to construction request for information.
- One site visit (final construction) for observation and preparation of final electrical punch list.

**Assumptions**

- Routing of new feeder/circuit conduits will be over existing wall at the influent pumping plant as discussed.
- All electrical installations will need to comply with current code requirements.
- Electronic files and other prints will be provided to us as needed/requested.
- Timely response from the Owner, consultants, vendors and other suppliers of information required for electrical design. We cannot be held responsible for delays based on lack of information required to be supplied by others.
- Catalog cut sheets with detailed electrical information will be provided prior to the start of design for all equipment requiring connection by Division 16.
- Reliable as-built plans will be available during design.

**Terms and Conditions**

- **Standard of Care** - The standard of care for all professional services performed or furnished by Consultant under this Agreement will be the skill and care used by member of Consultant's profession practicing under similar circumstances at the same time and in the same locality. Consultant makes no warranties, express or implied, under this Agreement or otherwise, in connection with Consultant's services.
- **Compensation** - For the scope of services described in proposal, Client agrees to pay Consultant the compensation stated Consultant agrees to submit invoices monthly for services rendered in the manner and format stated in proposal.
- **Indemnification** - Client and Consultant each agree to indemnify and hold the other harmless, and their respective officers, employees, agents and representatives, from and against liability for all claims, losses, damages and expenses, including reasonable attorneys' fees, to the extent such claims, losses, damages, or expenses are caused by the indemnifying party's negligent acts, error or omissions. In the event claims, losses, damages or expenses are caused by the joint or

concurrent negligence of Client and Consultant, they shall be borne by each party in proportion to its negligence up to, and limited by the value of the consultant's compensation.

- Force Majeure - Neither party shall be deemed in default of this Agreement to the extent that any delay or failure in the performance of their obligations results from any cause beyond any party's reasonable control and without the parties' negligence.
- Dispute Resolution - Client and Consultant agree that they shall submit any and all unsettled claims, counterclaims, disputes, and other matters in question between them arising out of or relating to this Agreement to mediation in accordance with the Construction Industry Mediation Rules of the American Arbitration Association, effective as of the date of this agreement.
- Termination of Contract - Client may terminate this Agreement with seven prior written days notice to Consultant for convenience or cause. Consultant may terminate this Agreement for cause with seven days prior written notice to Client. Failure of Client to make payments when due shall be cause for suspension of services or ultimately, termination, unless and until Consultant has been paid in full all amounts due for services, expenses and other approved related charges.
- Hazardous Environmental Conditions - It is acknowledged by both parties that Consultant's scope of services does not include any services related to the presence at the site of asbestos, PCBs, petroleum, hazardous waste or radioactive materials. Client acknowledges that Consultant is performing professional services for Client and Consultant is not and shall not be required to become an "arranger," "operator," "generator" or "transporter" of hazardous substances, as defined in the Comprehensive Environmental Response, Compensation, and Liability Act of 1990 (CERCLA).
- Ownership of Documents - All documents prepared or furnished by Consultant pursuant to this Agreement are instruments of Consultant's professional service, and Consultant shall retain the ownership and property interest therein. Consultant grants Client a license to use instruments of Consultant's professional service for the purpose of providing Contract Documents to its Client. Reuse or modification of any such documents by Client, without Consultant's written permission, shall be at Client's sole risk, and Client agrees to indemnify and hold Consultant harmless from all claims, damages and expenses, including attorneys' fees, arising out of such reuse by Client or by others acting through Client. Notwithstanding the foregoing, Thoma Electric retains ownership of all right, title, and interest, but not limited to, all copyright interest, in the instruments of service contained in such documents. Thoma Electric grants the Client a non-exclusive, non-transferable, without rights to sublicense, license solely to use the instruments of service for the project set forth in this request for proposal. For the purposes of this paragraph, instruments of service shall include, but not be limited to, details, drawings, plans, specifications, renderings, models, and reports.
- Use of Electronic Media - Copies of documents that may be relied upon by Client are limited to the printed copies (also known as hard copies) that are signed or sealed by Consultant. Files in electronic media format or text, data, graphic or other types that are furnished by Consultant to Client are only for convenience of Client. Any conclusion or information obtained or derived from such electronic files will be at the user's sole risk. When transferring documents in electronic media format, Consultant makes no representations as to long-term compatibility, usability, or readability of documents resulting from the use of software application packages, operating systems or computer hardware differing from those in use by Consultant at the beginning of this assignment. The Client shall not modify, create derivative works of, distribute, sell, lease, deliver or otherwise transfer the instruments of services and it shall not cause or permit anyone else to do any of the foregoing.
- Construction Phase Services - If this Agreement provides for any construction phase services by Consultant, it is understood that the Contractor, not Consultant, is responsible for the construction of the project, and that Consultant is not responsible for the acts or omissions of any contractor, subcontractor or material supplier; for safety precautions, programs or enforcement; or for

construction means, methods, techniques, sequences and procedures employed by the Contractor.

- Opinions of Cost - When included in Consultant's scope of services, opinions or estimates of probable construction cost are prepared on the basis of Consultant's experience and qualifications and represent Consultant's judgment as a professional generally familiar with the industry. However, since Consultant has no control over the cost of labor, materials, equipment or services furnished by others, over contractor's methods of determining prices, or over competitive bidding or market conditions, Consultant cannot and does not guarantee that proposals, bids, or actual construction cost will not vary from Consultant's opinions or estimates of probable construction cost.

Billing for the work will be submitted on a progressive monthly cycle and will be due net 30 days. If special billing arrangements or cut off dates are to be enforced, we must be notified in writing of those dates, prior to commencement of the work. Delinquent payments will be assessed at 1-1/2% per month finance charge beyond the 30-day period. Additional work that is not specifically included or described on the following proposal will be performed hourly at the following rates:

|                                  |          |
|----------------------------------|----------|
| Professional Electrical Engineer | \$157.50 |
| Electrical Engineer / Designer   | \$134.00 |
| Electrical Design Assistant      | \$ 95.00 |
| Electrical Cost Estimator        | \$ 98.50 |
| Field Technician / Electrician   | \$ 97.50 |
| Computer Aided Design / Drafter  | \$ 86.50 |
| Secretarial                      | \$ 72.50 |

NOTE: Rates are subject to change annually in January of each year.

Direct expenses shall be reimbursed as follows:

|                    |                 |
|--------------------|-----------------|
| - Air fare         | Cost + 15%      |
| - Lodging          | Cost + 15%      |
| - Mileage          | \$0.50 per mile |
| - Reproduction     | Cost + 15%      |
| - Mailing/Shipping | Cost + 15%      |

Please sign/date below and return with attached proposal to us before we begin work. Please indicate your proposed schedule for our work. Information to be provided by the client shall be furnished in a timely manner and in writing for us to incorporate into the contract documents.

Thank you for the opportunity to submit a proposal on this project, we look forward to working with you. Please don't hesitate to call should you have any questions.

Sincerely,

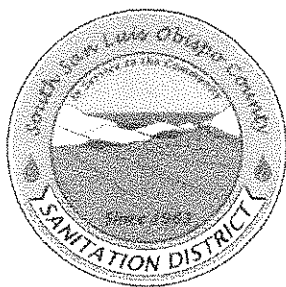


James J. Dean  
Engineering Division Supervisor  
Thoma Electric, Inc.

\\slo\_thoma\shares\ENGIN\PROPOSALS\2011\WALLACE\Oceano WWTP Influent Pump Reconductoring Revised\_2011-3-28.DOC

Signature \_\_\_\_\_  
Bill Lindahl, Wallace Group

Date \_\_\_\_\_



# 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:** April 6, 2011

**Subject:** New Centrifuge 2A, Brough Construction Progress Payment No. 5

### Recommendation:

1. Approve Progress Payment No. 5 to Brough Construction, Inc. in the amount of **\$86,333.80**. (**\$77,700.42** with retention deducted), authorize three Contract Change Orders (CCO) No. 13 in the amount of **\$18,700.00**, CCO No. 14 in the amount of **-\$2,300.00**, and CCO No. 16 in the amount of **-\$92.00**, for a net contract change of **\$16,300**.
2. Approve payment to Earth Systems Pacific in the amount of **\$287.00** for inspection services completed.

### Funding:

The FY 2010-11 Budget includes the Major Budget Item 05 MBI 06 – *New Centrifuge 2A* – in the amount of **\$1,104,422**. The overall budget for all fiscal years is \$1,904,081.

Brough Construction was retained by a September 1, 2010 Board action for the lump sum amount of **\$827,134.00** to provide construction services for the project. The revised contract amount after CCOs 1-6, 13, 14, and 16 is **\$899,210.00** (See attachments for a list of CCOs).

|                           | Prior<br>FY's    | Current FY<br>as of 03-16-11 | Total<br>All FYs  | Proposed This<br>Staff Report |
|---------------------------|------------------|------------------------------|-------------------|-------------------------------|
| Budget                    | \$ 799,659       | \$ 1,104,422                 | \$ 1,904,081      | \$ -                          |
| <u>Expenditures</u>       |                  |                              | \$ -              | \$ -                          |
| Capital Equipment         | \$ 320,814       | \$ -                         | \$ 320,814        | \$ -                          |
| Studies                   | \$ -             | \$ -                         | \$ -              | \$ -                          |
| Testing / Troubleshooting | \$ -             | \$ 4,976                     | \$ 4,976          | \$ 287                        |
| Design & Survey           | \$ 433,186       | \$ 46,479                    | \$ 479,665        | \$ -                          |
| Contract Administration   | \$ 3,007         | \$ 67,549                    | \$ 70,557         | \$ 12,000                     |
| Const Contingencies       | \$ -             | \$ 40,764                    | \$ 40,764         | \$ 16,307                     |
| PG&E Utility Service      | \$ -             | \$ 15,659                    | \$ 15,659         | \$ -                          |
| <u>Construction</u>       | <u>\$ 42,652</u> | <u>\$ 283,997</u>            | <u>\$ 326,649</u> | <u>\$ 70,027</u>              |
| Total Expenditures        | \$ 799,659       | \$ 459,426                   | \$ 1,259,085      | \$ 98,621                     |
| Remaining Budget          |                  |                              | \$ 644,996        | \$ 546,375                    |

**Discussion:**

Monthly progress payment No. 5 includes compensation for work associated with this contract completed in the month of February. Tasks and percentage complete for this period are listed in the following table. Staff has closely monitored work performed under this contract and believes the invoice reflects the actual work performed by Brough Construction.

| Item Description   | Qty | Unit | Unit Price   | Contract Amount | % Completed This Period | Cost This Period     |
|--|-----|------|--------------|-----------------|-------------------------|----------------------|
| Flood Gates on Building Manddoors  | 2   | EA   | \$5,860.00   | \$11,720.00     | 25%                     | \$1,465.00           |
| Flood Gates on Building Roll-up Door (1)   | 1   | EA   | \$13,800.00  | \$13,800.00     | 25%                     | \$3,450.00           |
| Pre-engineered Building  | 1   | LS   | \$54,840.00  | \$54,840.00     | 10%                     | \$5,484.00           |
| Shoring, Sheeting, Plating and Bracing   | 1   | LS   | \$500.00     | \$500.00        | 100%                    | \$500.00             |
| 8" PVC SDR 35 Pipe for Centrate Drain & Storm Drain  | 290 | LF   | \$45.00      | \$13,050.00     | 70%                     | \$9,000.00           |
| 2" PVC Schedule 80 Underground Potable & Non-Potable Water                                     | 300 | LF   | \$8.00       | \$ 2,400.00     | 66%                     | \$1,600.00           |
| Centrate Pipe Manhole Tie-in   | 1   | LS   | \$785.00     | \$785.00        | 100%                    | \$785.00             |
| Sludge Feed Pumps  | 2   | EA   | \$39,000.00  | \$78,000.00     | 25%                     | \$19,500.00          |
| In-Line Grinder (1)  | 1   | EA   | \$22,400.00  | \$22,400.00     | 25%                     | \$5,600.00           |
| Local Power Distribution Panel (MSB-CENT2AB)   | 1   | LS   | \$14,770.00  | \$14,770.00     | 10%                     | \$1,477.00           |
| Power & Communications Wiring - Existing Conduits and Pull Boxes (Heating and Mixing Building) | 1   | LS   | \$20,400.00  | \$20,400.00     | 20%                     | \$4,080.00           |
| Power & Communications Conduits & Wiring - Within New Centrifuge Building                      | 1   | LS   | \$17,000.00  | \$17,000.00     | 10%                     | \$1,700.00           |
| Design, Install and Test SCADA System  | 1   | LS   | \$102,000.00 | \$102,000.00    | 15%                     | \$15,300.00          |
| Design, Install Graphics Screens as Req'd on Display Panel                                     | 20  | EA   | \$570.00     | \$11,400.00     | 15%                     | \$85.50              |
| CCO#13 – Dewatering  | 1   | /Day | \$1,100.00   |                 |                         | \$18,700.00          |
| CCO#14 – Removing Eyewash Station from project scope   | 1   | EA   | \$2,300.00   | \$2,300.00      | Removed                 | (\$2,300.00)         |
| CCO#16 – Credit from Brough for misplaced anchor bolts   | 1   | EA   |              |                 |                         | (\$92.00)            |
| <b>Sub-total (Job to date)</b>   |     |      |              |                 |                         | <b>\$86,333.80</b>   |
| Retainage (10%)  |     |      |              |                 |                         | <b>( \$8,633.38)</b> |
| <b>Net Total</b>   |     |      |              |                 |                         | <b>\$77,700.42</b>   |

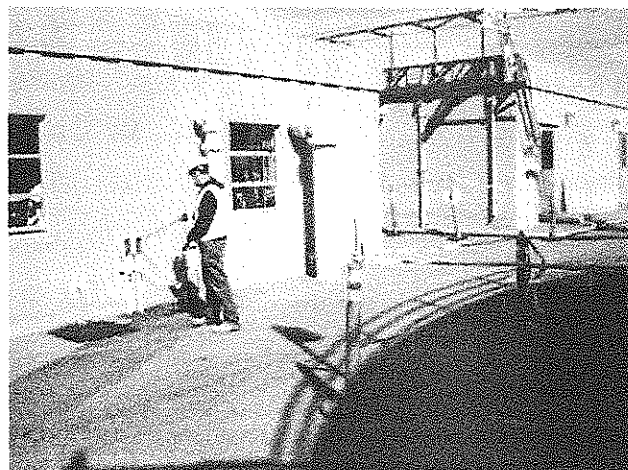
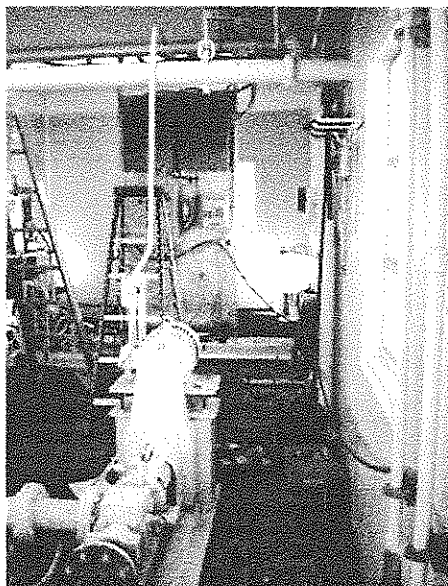
Earth Systems Pacific was retained by a November 17, 2010 Board action for the time and materials contract to perform materials testing services during construction of the Centrifuge 2A Project. The submitted invoice for **\$287.25** is for anchor bolt inspection.



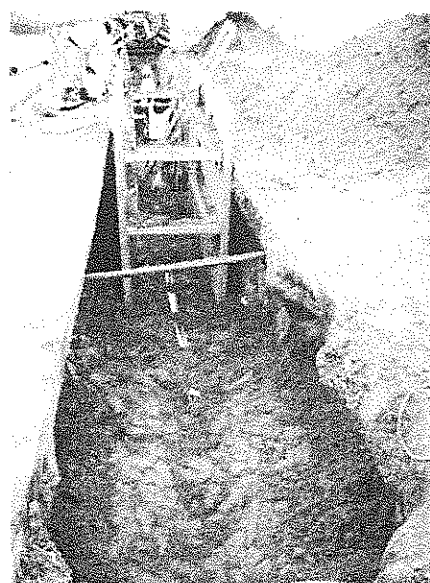
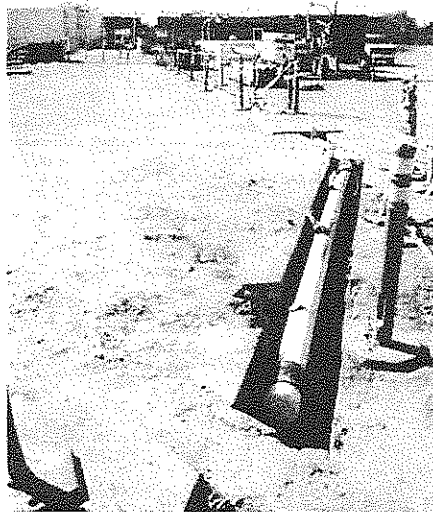
The basis for the CCOs are as follows:

- The contract included an alternate bid item for dewatering. The contract cost was for \$1,100/Day. During the month of February, there were 17 days of dewatering required to install the Centrate return line and the water line to the new building.
- In discussions with Plant Staff, they prefer that staff install the Eyewash/Safety Shower in the new Centrifuge Building. As a result this is a deduct from Brough's scope.
- There was an error in installing the anchor bolts by Brough's sub-contractor in that the anchor bolts were not placed according to the design drawings. There was an additional design cost to resolve the mistake resulting in a credit.

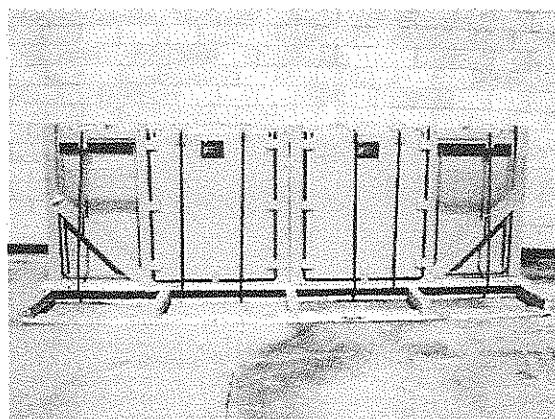
Staff recommends approval of Progress Payment No. 5 in the amount of **\$86,333.80**. A 10% retainage of **\$8,633.38** is withheld resulting in a net payable amount of **\$77,700.42**.



Electrical Work at the Heating and Mixing Building



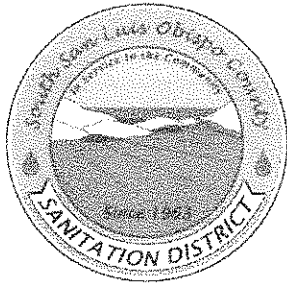
Dewatering for the Centrate Return Line Trench, and Centrate Pipe Installation



Flood Gates On-Site



CMU Flood Wall and Building Progress



# SOUTH SAN LUIS OBISPO COUNTY SANITATION DISTRICT

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## Staff Report

**To:** Board of Directors  
**From:** John Wallace, District Administrator *[Signature]*  
**Date:** April 6, 2011

**Subject:** Update on the District's Pretreatment Program

### Recommendation:

Staff recommends the Board receive a presentation of the status of the District's Pretreatment Program, and approve reallocating monies within the three phases of the Operating Fund as outlined below.

### Funding:

The FY 2010-11 Budget includes the Operating Fund 19-7065 – *Source Control* – in the amount of **\$45,000.00**. Work covered under the Source Control Operating Fund includes the Pretreatment Program in the amount of **\$25,000.00**, the Grease Control Program in the amount of **\$13,000.00**, and Le Sage State Park Pretreatment analysis in the amount of **\$7,000.00**.

There is a proposed budget reallocation below to reallocate monies within the Operating Fund for Source Control. The original budget of **\$45,000.00** has not been increased; however the budget for each activity has been adjusted to reflect expected spending for the remainder of FY 2010-11.

|                                      | 2010/11 FY<br>Budget | 2010/11 FY<br>Adjusted<br>Budget/Phase | FY Spending<br>as of 03-16-11 | Remaining<br>Budget | Proposed This<br>Staff Report |
|--------------------------------------|----------------------|--|-------------------------------|---------------------|-------------------------------|
| Budget for 19-7065<br>Source Control | \$ 45,000            | 45,000                                 | \$ 27,366                     | \$ 17,634           | \$ -                          |
| <u>Expenditures</u>                  |                      |  |                               |                     |                               |
| Pretreatment Program                 | \$ 25,000            | \$ 39,857                              | \$ 24,223                     | \$ 15,634           | \$ 15,634                     |
| Grease Control Program               | \$ 13,000            | \$ 1,379                               | \$ 1,379                      | \$ -                | \$ -                          |
| State Parks Pretreatment             | \$ 7,000             | \$ 3,764                               | \$ 1,764                      | \$ 2,000            | \$ 2,000                      |
| Total Expenditures                   |                      |  | \$ 27,366                     |                     | \$                            |
| Remaining Budget                     |                      |  |                               | \$ 17,634           | \$ 17,634                     |

## **Discussion:**

As part of the quarterly budget review process, District Staff reviewed the FY 2010-11 account line items under each Fund. Based upon the work to date some areas have been completed more quickly than anticipated while other areas have been more involved. As a result some activities under each operating fund will require less monies than originally budgeted, and some line items will require additional monies, as the amounts budgeted are estimates at the time of budget preparation.

The Grease control program budgeted at \$13,000 has been successful with a significantly reduced amount of effort and as a result, only \$1,379 will be required. This results in an \$11,621 surplus. The Grease Control Program could be reduced because the scope of this phase in FY 2010-11 was reduced. The Member Agency Sewer System Management Plan (SSMP) and associated Fats, Oils, and Grease (FOG) Program agreement for compliance with State Water Resources Control Board Orders 2006-0003-DWQ and 2008-002-EXEC was written and charged to this phase. However, any additional work related to Grease Control will be performed under the FY 2011-12 Budget.

The State Parks Pretreatment phase was also able to be reduced from \$7,000 to \$3,764 because changes on how Pretreatment is handled at Sate Parks Le Sage Recreation Vehicle (RV) Dump Station have been placed on hold while plans for relocating the dump station are clarified.

The Pretreatment Program needs to be increased (\$15,634) to complete the update of the 1994 Pretreatment Ordinance, and to re-inspect and permit industrial users within the jurisdiction of the District.

During FY 2010-11 the following Pretreatment activities were conducted and are on-going:

1. The permitting and inspection forms for enrollment in SSLOCSD's Pretreatment Program were revised and updated;
2. A list of chemicals used by each Member Agency for sewer collection system maintenance was obtained and evaluated for potential impact to the Wastewater Treatment Plant;
3. Industrial Users such as Central Coast Water Treatment, Slime, Bob's Car Wash, and Walmart were inspected;
4. The source of Tetra Chloro Debenzo Dioxin's (TCDDs), which caused an effluent violation at the Wastewater Treatment Plant, were investigated;
5. The Pretreatment program Standard Operating Procedure (SOP) and 1994 Pretreatment Ordinance were reviewed against current state and federal regulations and require updating; and
6. As part of the pharmaceutical disposal program a pharmaceutical disposal flyer was developed based on the new method of taking expired and unwanted pharmaceuticals to local police or sheriff stations and disposing them in a dropbox.

With regard to the pharmaceutical disposal program, an update was received from Bill Worell of the SLO County Integrated Waste Management Authority (IWMA). To date over 1,000 lbs of drugs have been transported to Long Beach for incineration. Below is his e-mail along with a picture and graph of the amount of drugs collected.

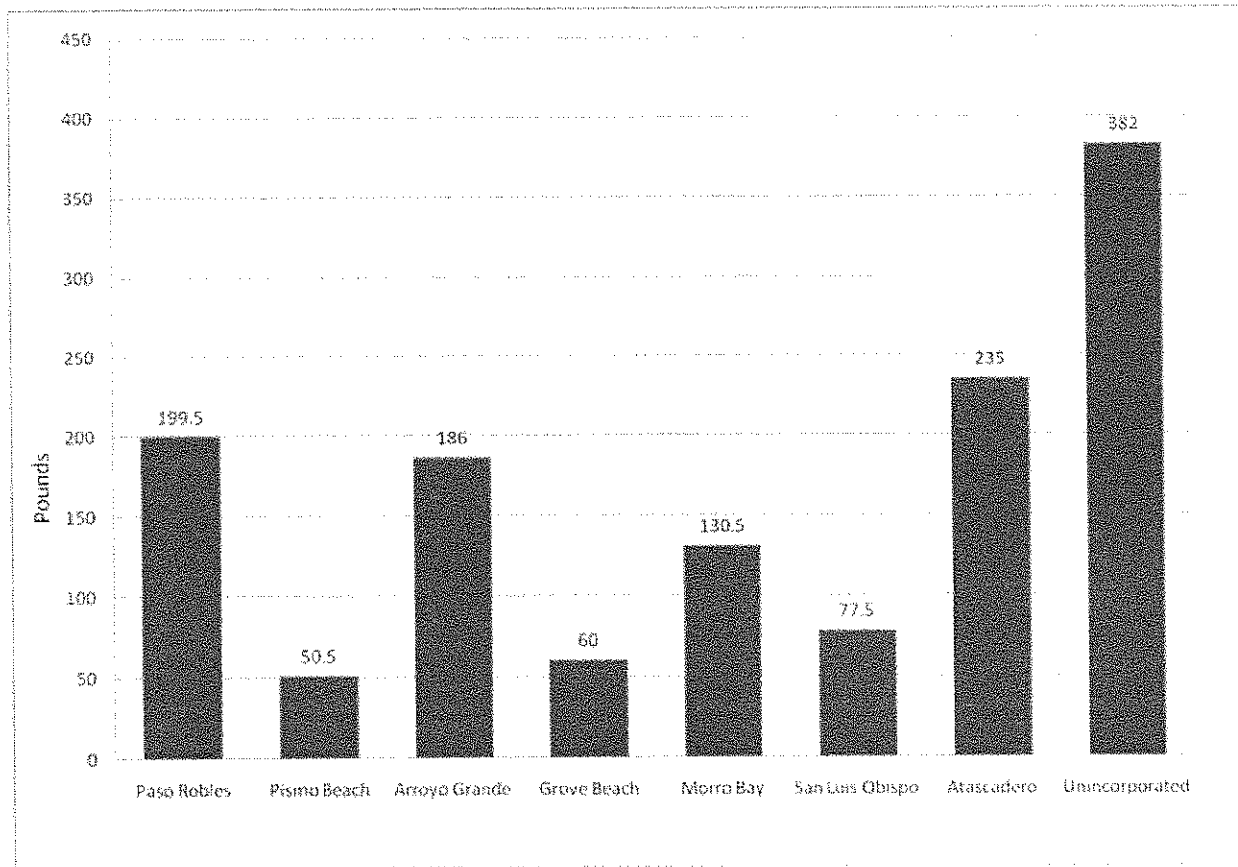
**From:** Bill Worrell [mailto:bworrell@iwma.com]  
**Sent:** Friday, March 18, 2011 1:57 PM  
**To:** mwwinn@sbcglobal.net; John Wallace  
**Subject:** drug take back

Hi John and Mike,

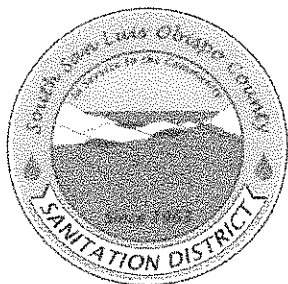
Here are the pictures for the drug take back program. Thanks for writing the letter of support.



This is the table that shows the pounds of drugs collected from September 2010 to January 2011



Bill Worrell  
SLO County IWMA  
870 Osos Street  
San Luis Obispo, CA 93401  
805-782-8530 fax 805-782-8529



## 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:** April 06, 2011  
**Subject:** APCD Testing, Cogeneration Exhaust Emissions

#### Recommendation:

Staff recommends the Board retain AirX Testing to perform the required APCD analysis of the cogeneration exhaust emissions for the Estimated Total of \$ 2,433.38.

#### Funding:

As of the second quarter budget analysis (December 31, 2010) and the purchase of the Varec equipment (March 16, 2011 Board Action), there is approximately \$45,091.95 remaining in Account 19-8030, *Equipment Maint-Reg*. Assuming this expense is approved, \$ 42,658.57 would remain in the account.

#### Discussion:

Part of the District's permit with the SLO County Air Pollution Control District (APCD) requires that the cogeneration engine exhaust emissions essentially be tested annually, (every 8760 hours of run time *or* three calendar years – whichever comes first), to verify that the engine's oxygen sensor is functioning properly.

The required test is to be performed in accordance with an Air Resources Board (ARB) standard protocol (Method 100). The test quantifies the levels of oxides nitrogen, carbon monoxide and oxygen. Since the affordability of lab services can be affected dramatically by travel time, several local labs and the APCD were contacted to locate closest lab that performs this testing. The closest qualified lab was found to be AirX Testing in Ventura, CA.

APCD requires that the test protocol be submitted 15 working days prior to the performance of the test. AirX Testing was able to send the protocol to APCD in advance so that the test can be scheduled for April 13, 2011.

Staff recommends the Board approve the hiring of AirX Testing to perform the required APCD analysis of the cogeneration exhaust emissions for the Estimated Total of \$ 2,433.38.



# **X AIR TESTING**

A Division of **Justice & Associates**

Northern CA  
17331 Sharon Blvd.  
Madera, CA 93638-9713  
559.673.3354 Fax 559.673.3359

www.airxtesting.com

Southern CA  
2472 Eastman Ave., Ste. 34  
Ventura, CA 93003-5774  
805.644.1099 Fax 805.644.2672

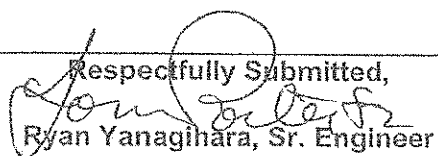
## Quote for Source Emission Testing

|  |
|--|
| <b>Client</b>  |
| Gas Systems LLC<br>684 East Barham Drive<br>San Marcos, CA 92078<br>Attn: Steve Brooks<br>Cell 760-715-5953 steveh@gassvstemsllc.com |

|                |   |
|----------------|---|
| <b>Date</b>    | 3/15/2011   |
| <b>Project</b> | Compliance Testing<br>One (1) Digester Gas Fired<br>Engine<br>South San Luis Obispo<br>Sanitation Dist. |

|                |              |
|----------------|--------------|
| <b>Quote #</b> | <b>Terms</b> |
| 4240           | Net 30       |

| Description                      | Hours/Units | Rate   | ESTIMATED COST |
|----------------------------------|-------------|--------|----------------|
| Testing-Engineer                 | 5           | 105.00 | 525.00         |
| Test Van & Equipment             | 5           | 82.50  | 412.50         |
| Cal Gases                        | 1           | 110.00 | 110.00         |
| Equipment Prep & Cleanup         | 1           | 57.50  | 57.50          |
| Hydrocarbon Sampling & Analysis  | 3           | 115.00 | 345.00         |
| Expendables (Ice, Batteries etc) | 1           | 25.00  | 25.00          |
| Test Protocol Letter             | 1           | 87.50  | 87.50          |
| Data Reduction & Report          | 4           | 87.50  | 350.00         |
| Mileage (Test Van)               | 250         | 0.67   | 167.50         |
| Fuel Surcharge (5%)              | 1           | 8.38   | 8.38           |
| Travel (1 man)                   | 3           | 57.50  | 172.50         |
| Travel (1 man) Premium           | 2           | 86.25  | 172.50         |

Respectfully Submitted,  
  
Ryan Yanagihara, Sr. Engineer

**ESTIMATED COST**

**\$2,433.38**



Northern CA  
1652 Texas St., Ste. 221  
Fairfield, CA 94533-5952  
707.207.7066 Fax 707.207.7063

Headquarters-Southern CA  
4155 Outer Traffic Circle  
Long Beach, CA 90804-2111  
562.961.3494 Fax 562.961.3493  
www.justiceassociates.com

Las Vegas NV  
1401 S. Arville St., Ste. J  
Las Vegas, NV 89102-0537  
702.822.2111 Fax 702.822.2113

**COMMENTS**

This quote (#4240) is prepared for Gas Systems for the compliance testing of a Digester Gas fired IC Engines located at the South San Luis Obispo Sanitation District WWTP- Oceano.  
The quote includes conducting the compliance testing on one (1) digester gas fired engine outlet for NOx, CO, VOC and O2.

The testing will be for three (3) 40 minute runs at a maximum attainable firing rate.

The above quote includes the test protocol letter, compliance testing, analysis, report and travel.

If excessive engine down time occurs then the quote may be exceeded.

If additional testing or additional days are required then the quote may be exceeded.

Test site is responsible for supplying sample ports, safe sample port access, operational data and electrical power (2 - separate 15Amp 120AC circuits).

No cancellation fees will be imposed if project is cancelled within 48 hours of the scheduled departure date.

Preparation charges, travel time, on-site time and mileage may be charged when project is cancelled after 48 hours of the departure date or after arrival on-site.

Premium Rate for personnel for time over eight (8) hours is: **\$157.50.**

Premium Rate for personnel for time over 12 hours is: **\$210.00.**

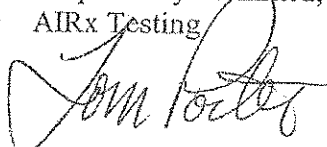
Premium Rate for personnel for travel after eight (8) hours is: **\$86.25.**

Premium Rate for personnel for travel after 12 hours is: **\$115.00.**

**NOTE:** The final invoice will be for actual travel time and on-site time

If the attached cost estimate is acceptable please sign below and return to AIRx Testing.

Respectfully submitted,  
AIRx Testing



Tom Porter  
Vice President of Testing Services

Accepted by:

\_\_\_\_\_

Date: \_\_\_\_\_



## SOURCE TEST POLICY

Revised 2-27-06

1. **INTRODUCTION:** This policy provides guidelines for facilities and contractors to plan and conduct source tests and report the results. The intent of the policy is to provide the District with sufficient, reasonable, and clear information to determine compliance of a process or device with permit conditions, emission limits, or other requirements specified in San Luis Obispo County Air Pollution Control District (District) Rules and correspondences.
2. **SUMMARY:** A source test plan should be a stand-alone document. It should provide a concise, complete, and easy to follow description of the methods used for testing a device or process to demonstrate regulatory compliance. It should describe the device to be tested; test conditions; approved sampling and analysis protocols; approved changes; and a timetable for sampling, analysis, and submitting the final report. All plans must receive District approval. Changes identified by the District must be incorporated during testing.

The source test must be conducted according to the approved plan and schedule and include additional requirements specified in the permit(s) to operate or other agency requests. Unless otherwise approved, tests should be conducted during normal, District business hours and witnessed by a District representative. The District must be contacted well in advance of the test so that District observation can be scheduled. The facility must provide a representative, knowledgeable of the devices tested, throughout the source test.

The source test report should document implementation of the plan and any additional requirements that apply. The report should provide a complete summary of all test results, the equations used to derive the results, documentation such as continuous emissions monitor (CEM) or process data and lab reports, and confirmation whether or not the device or process was in compliance. The report should be concise, complete, and easy to follow; leading the reader from the final results through the calculations to the documentation in a clear manner.

Section 6 includes a list of common definitions and terms to help clarify this policy.

The District reserves the right to be flexible in the application of this policy in response to the needs of any particular source test plan or condition that might arise during a source test.

3. **SOURCE TEST PLAN:** The plan must be received by the District in final form at least thirty (30) calendar days prior to the proposed test. A copy of any supporting documentation should be included rather than referred to. Approval of a plan by the District does not relieve an owner or operator from any additional testing, sampling, or reporting requirements specified in the permit(s) to operate or other written request or requirements imposed by the District or other governmental agency. In other words, an omission or error in a test plan cannot relieve a source from an applicable requirement.

The plan must at least contain the following:

- a. The name, address, telephone number, and contact of the company for whom the source test is being conducted, the company performing the test, and company completing the analyses.
- b. The permit number(s) and description of the device(s) to be tested with a listing of all pollutants to be sampled or monitored and indicating the respective regulatory limits. Include a listing and description of other process or system variables that will be monitored to determine compliance.
- c. A list and brief summary of the Air Resources Board (ARB) or U.S. Environmental Protection Agency (EPA) sampling, monitoring, and analytical protocols for each pollutant. Modifications must be clearly described and include an engineering justification.
- d. Three (3) replicate samples are standard, except where the test method to be performed explicitly allows for a different number of replicates. No fewer than two (2) replicates are permitted.
  - 1) If three replicates are proposed and approved in a test plan, an owner/operator may not shorten the actual testing to two replicates, regardless of any indication of compliance or non-compliance during actual testing.
  - 2) An owner/operator that satisfies all of the following criteria may propose two replicates in a test plan.
    - i. The results of at least two previous test events were no more than 80% of the applicable emission limit.
    - ii. The facility to be tested is not a federal source (Title V, Synthetic Minor or subject to NSPS or MACT) or has compliance issues, as determined by the District.
  - 3) If two replicates are approved, and during actual testing either of those two test runs exceeds 80% of an applicable limit, a third replicate shall be performed.
  - 4) If two replicates are performed, the higher of the two values is considered the actual value, regardless of magnitude. Two replicates shall not be averaged.
- e. A diagram and brief description of the sampling train and major components of the monitoring system. If common, standard equipment is used, the diagram is optional.
- f. A simplified diagram of the stack or device to be tested including relevant dimensions and locations of flow disturbances and sample ports.
- g. A brief summary describing the instrument or monitor equipment calibration procedure.
- h. Confirmation that calibration gases and equipment calibration will comply with the requirements of ARB Method 100 and will include three-point calibration checks. In addition, a calibration gas shall be proposed in the test plan to allow quantification of a

measurement that is 150% of an applicable limit. Where expected or actual concentrations are near zero or emission spiking is anticipated, alternatives may be proposed.

- i. A brief description of instrument and system leak check and system bias check frequencies.
- j. The test sequence of events and proposed timetable including equipment set up time.
- k. Sample calculations and units of measure for each calculation to be performed. All constants and conversion factors must be clearly defined and include units of measure. District standard conditions are 60°F and 14.7 psia.
- l. Results must be presented in units of measure that are consistent with all applicable emission limitations so that compliance can be readily determined. In addition, for emission inventory purposes, combustion source emissions should be reported in units of pounds per million Btu and particulate source emissions should be reported in units of pounds per ton of throughput.
- m. Operating conditions during the test. Include the parameters to be monitored, the method of monitoring, and the frequency of data collection. Process data must be recorded at least every five minutes during sampling. Longer time spans may be proposed and may be accepted, if justified.
- n. A brief quality assurance (QA) plan including how any sample removed from the site will be stored and transported.
- o. A summary table listing: the devices to be tested, the pollutants for each device, the sampling method(s) for each pollutant, the test duration, the number of replicates, the sample size, the method(s) of analysis, and the permit limits.
- p. All potential sources of error should be clearly identified and quantified (such as calibration gas certified to  $\pm 1\%$ , allowable calibration drift equal to 2%, etc.)
- q. A table summarizing the allowable analyzer calibration error, zero drift, calibration drift, and sampling system bias for each applicable test method.
- r. A statement describing the expected operating rate. For combustion processes, operating rate shall be determined by multiplying the fuel flow rate at the time of the test by the higher heating value of the fuel on a dry basis. An alternative measure may be used with prior District approval. All processes or devices shall be tested at 100% of the maximum process rate or permit limit, unless otherwise required by the District. The intent of the source test is to determine the emissions from a process or device at the point of maximum emissions, excluding upset conditions.
- s. Each page shall be identified with a unique number, including appendices and attachments.

4. SOURCE TESTING: A source test must not be conducted without a District-approved plan. The owner/operator is responsible for ensuring that the test is run according to that plan and any additional requirements imposed by permits, the District, or other governmental agencies. Plan changes must have District approval before implementation and must be documented in the test report.

A company representative, familiar with the operation of the device or process and test procedures, must be available throughout the test to answer questions and ensure proper operating and testing. To ensure that compliance is evaluated under worst case conditions (i.e., those representing the highest emitting operation allowed under a permit), tests must be run at 100% of the maximum process rate or the permitted rate, unless otherwise required by the District. The District recognizes that 100% of capacity may not always be achievable and may approve a lower operating rate down to 95% of capacity, depending on the justification provided for the lower rate.

Testing at a reduced process rate may result in a permit restriction to that production level achieved during testing, because compliance will not have been shown at higher rates. Also, if a test is justified and conducted at a reduced process rate, and then subsequent operation occurs above that rate, the District may take enforcement action against the source for having failed to properly conduct the compliance test.

Under no circumstances may the process rate be reduced solely because of testing. If an upset occurs, the District may approve suspending a test until normal conditions are re-established, depending on the sensitivity of the sampling method to interruption.

A test shall not be canceled or aborted solely because a device appears to be out of compliance. Any indication of non-compliance should trigger the following actions:

- a. In general, the first step should be to contact the APCD's Enforcement Division to discuss upset/breakdown relief and/or emergency variance. The second step is to take the appropriate action to protect the health and safety of plant personnel/equipment and the public.
- b. If a District observer is present, they should contact the District's Enforcement Division supervisor to determine if breakdown relief should be sought. If that contact cannot be made, three replicate test runs shall be completed unless the non-compliant emission is threatening the health and safety of facility personnel and/or the public.
- c. If a District observer is not present, the owner/operator shall contact the District's Enforcement Division supervisor to determine if breakdown relief should be sought. If that contact cannot be made, three replicate test runs shall be completed unless the non-compliant emission is threatening the health and safety of facility personnel and/or the public.
- d. All District contacts or attempted contacts, the basis for any decision that the health and safety of individuals was threatened, all test measurements, and all results concerning canceled or aborted tests must be included in the final report.

If during testing an emission rate exceeds an instrument's scale, then a higher scale sufficient to measure the emission rate shall be used. If the highest concentration calibration gas available is insufficient to calibrate the necessary scale, that gas shall still be used to adjust the scale to be as accurate as possible. Testing shall not be discontinued solely because the magnitude of the emission rate results in the use of an instrument scale that cannot be calibrated.

A copy of the approved plan and supporting information, such as EPA or ARB protocols, must be maintained at the test location and be made available to the District and any sampling personnel upon request. Sampling personnel must be knowledgeable in the use of the equipment and sampling protocols and be available to answer relevant questions.

All sampling activity including modifications or deviations in the scheduled test must be reported. All results including preliminary calculations must be documented. Results of any test run in parallel to the scheduled test and used to calculate or evaluate any portion of the scheduled test must be reported.

Leak checks must be consistent with ARB Method 100 and include a full system check at the start and finish of each sampling run. The probe should be plugged and a higher vacuum drawn through the sampling train (or CEM) than that used during the test. Vacuum readings must be confirmed by use of a vacuum gauge or similar readable instrument. Reliance solely on the movement of rotometers is not acceptable. Alternate methods for determining sampling system leak integrity must receive prior District approval.

Span or zero gas should not be introduced until the system has been proven to be leak free. At least one span gas must be used to calibrate the equipment in the expected range of each monitored pollutant. If an instrument range or scale is changed during testing, span checks on the new range must be performed before the end of that test.

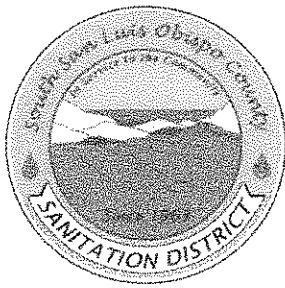
A minimum of one system bias check must be performed before and after each replicate test series. Calibration gas must contain at least one of the main pollutants of interest at a concentration consistent with the requirements of ARB Method 100 or the applicable test method. The gas must be entered into the sampling probe before and after a test series to ensure that the test apparatus is responding in an appropriate manner. The system bias check shall not exceed 5% or value specified in the test method.

Chart recordings and computer files shall contain the following data in readable form:

- a. The start and stop time and date of the test.
- b. The company name and the name of the device tested.
- c. The chart speed, full scale value, chart offset setting, and sampling rate.
- d. The identification of each curve. Identification of a curve by color is not acceptable unless a color reproduction of the chart is included.
- e. Zero check, drift, span calibration and system leak and bias check. Include calibration gas values.

- f. The name of the sampling person.
  - g. A clear notation for each anomaly and deviation.
  - h. The page sequence for graphs and charts going beyond a single page.
5. SOURCE TEST REPORT: The complete final report must be received by the District within forty-five (45) calendar days of the test conclusion. The following elements must be included in the report:
- a. The name, address, contact name, and telephone number of the company for which the testing was completed, the testing company, and the company completing the analyses.
  - b. A brief description of the device tested, the reason for testing, regulatory limits for the device, and permit number.
  - c. A description of all differences from the test plan with an engineering justification.
  - d. An explanation of any testing anomalies experienced.
  - e. A description of interrupted or incomplete tests with an engineering justification.
  - f. A record of all pertinent operating and process conditions during the test, including process print outs, if available. Process and operating data must be recorded at least every five minutes during sampling unless an alternative reporting period is approved by the District.
  - g. A summary table of all required test results and applicable regulatory limits (see item 3.l above). The table should clearly indicate whether or not the device is in compliance, and must include page references specifying the location of supporting data such as CEM summaries, analytical lab results, and calculations.
  - h. An example of each unique calculation with all units of measure and conversion factors. All numbers must be easily traceable by page reference to the raw data upon which the result is based.
  - i. Copies of all data sheets, logs, analytical results, calculation sheets, and similar documents are to be appended to the report and referenced in the text.
  - j. An analysis of the accuracy and precision must be completed for any result that is greater than or equal to ninety-five percent (95%) of an applicable limit. Actual test data should be used to derive the accuracy and precision of the reported results. The equations and methods used to calculate the test accuracy and precision should be referenced and clearly shown.
  - k. Verification in the form of a table that each process or device was operated at the level defined in item 3.r above during the source test. The table must list each process or device tested and show the permitted or design rate, the maximum historic operating





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1600 Aloha Oceano, California 93445-9735

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<http://sslocsd.org/>

### Staff Report

**To:** Board of Directors  
**From:** John Wallace, *District Administrator*  
**Date:** April 06, 2011  
**Subject:** Chlorination Mixing, Water Champ Repair

#### Recommendation:

Staff recommends the Board approve the repair of the District's "Water Champ" (chlorine mixing device) by the manufacturer, Siemens, for the Estimated Total of \$ 5,927.74.

#### Funding:

As of the Q2 budget analysis, the purchase of the Varec equipment (March 16, 2011 Board Action), and the expected approval of the APCD testing, there is approximately \$ 42,658.57 remaining in Account 19-8030, *Equipment Maint-Reg.* Assuming this expense is approved, \$ 36,730.83 would remain in the account.

#### Discussion:

When the Water Board changed the District's permit to include a disinfection process, the District installed a Strantrol 900 ORP/Chlorine dosing station at the Secondary Clarifier. At the behest of the Regional Water Quality Control Board due to concerns that the chlorine would interfere with solids settling, the new waste discharge requirements required a segregated disinfection process. Therefore, the District installed a Chlorine Contact Tank (CCT) and effluent pumping station in 2006.

Staff had good, trouble-free results with the Strantrol 900 that was installed in the Secondary Clarifier to dose chlorine as part of the disinfection process and the design consultant, Kennedy/Jenks specified the updated Strantrol 960 unit for the new CCT. Additionally, a flow-meter was installed between the Secondary Clarifier and the CCT to provide feedback to the new 960 controller to help better anticipate and react to rapid changes in secondary effluent flow and to effectively dose chlorine through all operating scenarios.

Since its installation, the controller's chemical dosing, both chlorination and de-chlorination has been inconsistent in maintaining the control set-points. The design engineers (Kennedy/Jenks) and Siemens Field Technicians have made numerous site visits to inspect and help troubleshoot the issues. In addition, Siemens field technicians have had remote access to the data logger to observe the unit's performance and make parameter adjustments. The prevailing opinion of Operations Staff is that the 960 controller has been the root cause of the system's problem in controlling set-points during times of flow transition.

When the Chlorine Contact Tank (CCT) was designed, an industry standard mixer made by Siemens called a "Water Champ" was specified by the designer and installed by the contractor. A series of unrelated chemical delivery issues coupled with an installation error by the contractor and an overall lack

of chlorination control resulted in operations staff losing confidence in the Water Champ. Operations Staff finally removed the Water Champ from service after it experienced a total failure.

Since a bacti exceedance in July 2009, plant staff has been over-chlorinating the secondary effluent to ensure permit compliance. While this is an effective short term approach, it comes with an expense. In this case, chemical costs. As a partial offset to these costs, Superintendent Barlogio negotiated a substantial reduction in chemical costs approximating \$150,000/year.

When the Plant Superintendant left on medical leave in August 2010, the District Engineer's office had to take on a larger role in the troubleshooting of the Strantrol 960 unit. Through documentation review and extensive telephone conversations with the designer of the Strantrol 960 product, a better understanding of the unit developed and the plan was shared with the Plant Superintendant on December 21, 2010 after he returned to work. The analysis indicated that a lack of complete mixing may be a contributing part of the problem. Increased mixing with the restoration of the Water Champ should increase efficiency, increase the system's ability to control the chlorination process and further reduce the District's chemical costs.

Operations Staff is moving forward with implementing the measures outlined in the memo, along with other measures, such as preventing hundreds of ducks from landing in the secondary clarifier, potentially adding a significant fecal coliform loading to the CCT.

Siemens technicians have determined that the Water Champ stopped working due to a dead short on one of the 3 legs of the motor, as well as damage due to a loss of coolant in the motor. Prolonged discussions have been held regarding warranty, but with no manufacturer replacement available. As the Water Champ is in direct contact with chlorine, the 3 HP motor is made of exotic materials such as 316 Stainless Steel parts with a titanium shaft and shaft extension which results in a high replacement cost as follows:

|                               |                    |
|-------------------------------|--------------------|
| <b>Estimated Parts:</b>       | <b>\$ 4,824.70</b> |
| <b>Estimated Labor:</b>       | <b>\$ 625.00</b>   |
| <b>Estimated Tax (8.25%):</b> | <b>\$ 398.04</b>   |
| <b>Estimated Shipping:</b>    | <b>\$ 80.00</b>    |
| <b>Estimated Total:</b>       | <b>\$ 5,927.74</b> |

Staff recommends the Board approve the repair of the Water Champ in the estimated amount of **\$5,927.74** with Siemens Water Technologies, the manufacturer of the device.



**SIEMENS**

SIEMENS WATER TECHNOLOGIES  
1801 WEST GARDEN ROAD  
VINELAND, NJ 08360

TELEPHONE 856-507-9000  
FACSIMILE 856-507-9336

Please check the appropriate box and return to Siemens Water Technologies at FAX 856-507-9336.

- ☐ Repair and return using PO# \_\_\_\_\_
- ☐ Return product unrepared (\$75 evaluation fee applies, you pay the freight)
- ☐ Scrap (\$75 evaluation fee applies)

Approved by: \_\_\_\_\_

Date: \_\_\_\_\_

*Please note that we will scrap any items sent to Siemens Water Technologies for evaluation if we do not receive a reply from you within 30 days from the date of this quotation.*



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<http://sslocsd.org/>

### Staff Report

**To:** Board of Directors  
**From:** John Wallace, *District Administrator*  
**Date:** April 06, 2011  
**Subject:** ISCO Sampler Purchase

#### Recommendation:

Staff recommends the Board approve the sole-source purchase of a 4700 Series ISCO sampler through MRC Technologies in the estimated amount of **\$5,491.00**.

#### Funding:

As of the Q2 budget analysis, the purchase of the Varec equipment (March 16, 2011 Board Action), and the expected approval of the APCD testing, and the Water Champ repair (check other items on this agenda), there is approximately **\$36,730.83** remaining in Account **19-8030, Equipment Maint-Reg.** Assuming this expense is approved, **\$31,239.83** would remain in the account.

#### Discussion:

A staple of the Wastewater Treatment Plant's ability to demonstrate compliance with the NPDES permit is to provide influent and effluent sampling. One of the workhorse pieces of equipment assisting staff in providing these samples are automated/refrigerated samplers manufactured by Teledyne ISCO.

The District currently owns three ISCO samplers – one modern “4700 Series” unit purchased in late 2007 in use at the headworks, a much older “3700 Series” unit that recently failed that was sampling effluent, and an unsupported model that is used for special projects and some process control sampling around the plant. When the 3700 Series model failed, staff moved the old model into its place sampling effluent. The failed 3700 Series was sent to the factory for repair.

The age of the backup ISCO, and the fact that it is not supported by the manufacturer requires that the District only use it for emergency purposes or retire it from service. Staff is suggesting purchasing the same 4700 Series as is currently owned to maximize Operator familiarity, spare parts, etc. to be installed at the CCT for effluent sampling. Once repaired, the 3700 Series unit would be moved to backup and special testing duty.

This specialized, sole source equipment is only distributed by MRC Technologies, Teledyne ISCO's West Coast Distributor, (see attached letter).

Staff recommends the Board approve the sole-source purchase of a 4700 Series ISCO sampler through MRC Technologies in the estimated amount of **\$ 5,491.00** (the quote calculated 8.5% sales tax instead of 8.25% resulting in a deduct of \$ 12.51) with the finding that this purchase is required to be purchased through the authorized distributor.



# MCR Technologies, Inc.

Measurement, Control & Recording

## QUOTATION

**Date:** March 30, 2011 **Quote #:** 03112904GSRev1  
**Company:** South San Luis Obispo Sanitation District **Reference:** Refrigerated Water Sampler 4700

**Attention:** Robert Barlogio **CID #:**  
**Phone Number:** 1-805-489-6666 **Lead Time:** 3-4 weeks  
**FAX / E-Mail:** bob@ssllocsd.us **Prepared By:** George Szyszko  
**Quotation Valid:** 30 Days (949) 290-7319  
**F.O.B. Point:** Factory  
**Payment Terms:** Net 30 / COD / Credit Card (4% Processing Fee Applies)

*Thank you for the opportunity to provide you with the following quotation.*

| Item   | Model # & Description  | Qty. | Net Each                           | Extended Amount   |
|--|--|------|------------------------------------|-------------------|
| 1  | ISCO # 68-4700-001<br>Model 4700 Refrigerated Sampler (120 VAC, 60 Hz). Includes control panel, refrigeration unit, distributor arm, two pump tubes, instruction manual, and pocket guide. To receive a complete system you must also order a bottle configuration kit and suction line with strainer. | 1    | 4,754.00                           | \$4,754.00        |
| 2  | ISCO # 68-4700-011<br>1-bottle Configuration. Includes one polyethylene 20.5-liter (5.5 gallon) round bottle, two caps and two discharge tubes.  | 1    | 157.00                             | \$157.00          |
| 3  | ISCO # 60-9004-367<br>3/8 inch ID x 25 ft. long vinyl suction line with standard weighted polypropylene strainer. Includes tubing coupler.   | 1    | 95.00                              | \$95.00           |
| 4  | Tax (estimate of 8.5%: SLO County)   | 1    | 425.51                             | \$425.51          |
| 5  | Shipping for Items 1 through 3: Ground from factory  | 1    | 72.00                              | \$72.00           |
| <b>Please issue your purchase order to:</b><br>Teledyne ISCO in care of MCR Technologies, Inc.<br>P.O. Box 1269<br>Lake Forest, CA 92609 |  |      | <b>NET TOTAL</b>                   | <b>\$5,503.51</b> |
|  |  |      | Plus Shipping and applicable taxes |                   |

*This quotation is for the products and services listed above only. Any additional products required will be provided at additional cost.*

**Terms included by reference**

*This quotation is offered subject to ours and the manufacturers terms and conditions. A copy of these conditions is available upon request.*

*MCR Technologies, Inc. is an independent manufacturers representative and distributor.*

**Delivery**

*Delivery is based on current lead times and on the longest lead time of all equipment quoted. Actual delivery may vary based on the lead times in effect when the equipment is released for production.*

**Materials of Construction**

*We offer a variety of material selections and configurations to suite process conditions. Although we have quoted the materials which were specified, or if not specified, which we believe to be satisfactory, we do not warrant that they are compatible with the chemicals, concentrations and operating conditions which will be encountered in the application. The final selection of the appropriate material is the responsibility of the customer.*



**TELEDYNE ISCO**

A Teledyne Technologies Company

4700 Superior Street  
PO Box 82531  
Lincoln NE 68501  
P: 402.464.0231 F: 402.464.0318  
Toll Free: 800.228.4373  
E-mail: [iscinfo@teledyne.com](mailto:iscinfo@teledyne.com)  
[www.isco.com](http://www.isco.com)

February 2, 2011

Rick Jackman  
South San Luis Obispo County Sanitation District  
1600 Aloha PL / P.O. Box 339  
Oceano, CA 93475

Via email: [rick@sslocsd.org](mailto:rick@sslocsd.org)  
Phone: 805.489.6666

To Whom It May Concern

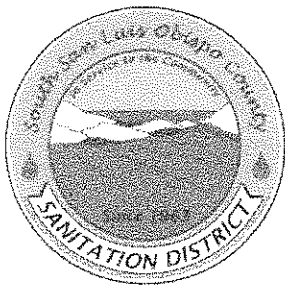
This is to certify that Teledyne Isco is the sole manufacturer of Teledyne Isco automatic wastewater sampling and flow monitoring equipment. These items include but are not limited to flow meters, samplers, rain gauges, connecting cables, and associated hardware, as well as, operation software. These parts can be obtained either direct from Teledyne Isco or through our local representative, MCR Technologies, Inc.

MCR Technologies, Inc., with offices located at 15615 Alton Pkwy., Suite 185, Irvine, CA 92618, is an exclusive Teledyne Isco, Inc. Sales Representative and Distributor for Southern California counties South of and including San Luis Obispo, Kern, and San Bernardino, and the counties of Clark and Nye in Nevada as defined in the Teledyne Isco, Inc. Sales Representative and Distribution Agreement – Domestic, dated January 31, 2011.

The Teledyne Isco, Inc. Sales Representative and Distribution Agreement - Domestic with MCR Technologies, Inc., expires on January 30, 2013 subject to the conditions of Paragraph 23 Term and Termination of the Teledyne Isco, Inc. Sales Representative and Distribution Agreement – Domestic.

Respectfully,


Bob Glenn  
Western Region Sales Manager  
Teledyne Isco Inc.  
1-800-228-4373  
Direct: (402) 465-2059  
Cell: (402) 770-5851  
[rglenn@teledyne.com](mailto:rglenn@teledyne.com)



## 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:** April 06, 2011  
**Subject:** 10 MBI 06 Ferric Chloride Tote Containment Purchase

#### Recommendation:

Staff recommends the Board approve the purchase of two Ferric Chloride Tote Containment Units through USA Bluebook in the estimated amount of **\$ 2,630.91**

#### Funding:

The FY 2010-11 Budget includes the project in Major Budget Item 10 MBI 06 – *Ferric Tote Containment* – in the amount of **\$ 2,500**. The funds are to allow for the purchase two containment units.

The actual total is expected to be **\$130.91** over the budgeted amount. The small overage will be accounted for at the Q3 budget review which is currently in progress.

#### Discussion:

The District uses ferric chloride injection at the head-works to help settle solids in the primary clarifiers which in turn help control the loading of the FFR. The ferric chloride is stored in totes which are physically stored adjacent to the headworks.

The funds will pay for two containment tanks that will help contain any minor spillage of the ferric chemical, as well as protect against any failure of the tote, valves, etc.

Staff receives bids from three suppliers. The results are summarized below:

| Supplier          | USA Bluebook | Spill 911   | IPI         |
|-------------------|--------------|-------------|-------------|
| Unit Price        | \$ 999.95    | \$ 1,270.00 | \$ 1,371.76 |
| Qty               | 2.0          | 2.0         | 2.0         |
| Ext. Price        | \$ 1,999.90  | \$ 2,540.00 | \$ 2,743.52 |
| Sales Tax (8.25%) | \$ 164.99    | \$ 209.55   | \$ 226.34   |
| Shipping          | \$ 466.02    | \$ 367.66   | \$ 400.23   |
| Expected Total:   | \$ 2,630.91  | \$ 3,117.21 | \$ 3,370.09 |

Staff recommends the Board approve the purchase of two Ferric Tote Containment Units through USA Bluebook in the estimated amount of **\$ 2,630.91**.



QUOTATION

HDSEFM

NO. 453048

D/B/A USABBLUEBOOK

PO Box 9004

Page 1

Gurnee, IL 60031-9004

Toll free: 1-800-548-1234

03/30/11

Fax: (847) 689-3030

Ship-to: 1  
SOUTH SAN LUIS OBISPO

Bill-to: 850496  
SOUTH SAN LUIS OBISPO  
COUNTY SANITATION DISTRICT  
PO BOX 339  
OCEANO, CA 93445  
USA

1600 ALOHA PL  
OCEANO, CA 93445  
USA

| REFERENCE # | EXPIRES  | SLSP | TERMS  | WH | FREIGHT | SHIP VIA |
|-------------|----------|------|--------|----|---------|----------|
| 033011      | 04/29/11 | ACG  | NET 30 | 21 | FXD/PPD | AST      |

QUOTED BY: ACG QUOTED TO: BOB BARLOGIO

| ITEM  | DESCRIPTION                               | QUANTITY | UM | PRICE  | UM | EXTENSION |
|-------|---|----------|----|--------|----|-----------|
| 12283 | Ultra-IBC Spill Pallet Plus<br>with Drain | 2        | EA | 999.95 | EA | 1999.90   |

Please note that your order may be subject to applicable taxes based on current rates at the time your order is completed.

TO ORDER --

For your convenience, you may simply sign below and return via fax to 847-689-3030. We will process your order promptly and fax a confirmation so you know we have it. If you prefer to call your order in or have additional questions or concerns, you may contact our Customer Service Department @ 800-548-1234. Please note any changes to the quantities or shipping address. Thanks for choosing USABBlueBook.

Authorization Signature

PO Number (if required)

| MERCHANDISE | MISC | TAX | FREIGHT | TOTAL   |
|-------------|------|-----|---------|---------|
| 1999.90     | .00  | .00 | 466.02  | 2465.92 |

USE THIS QUOTE # ON PO's!

**Interstate Products Inc.**

3921 Sawyer Rd.  
Sarasota, FL. 34233  
1-800-474-7294 FAX 1-800-448-6329  
<http://www.interstateproducts.com>  
FED. ID. 65-0683502

**Quote / Invoice**

Date 3/30/2011  
Estimate # 13588  
PO #  
Terms Credit Card  
Ship Via R&L  
Expires 4/29/2011  
Sales Rep Sean Wilson

"Quality Environmental Solutions."

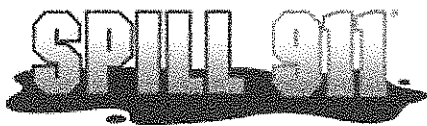
**Bill To**

Robert Barlogio  
South San Luis Obsipo County Sanitation ...  
Oceano CA 93445  
United States

**Ship To**

| Item   | Quantity | Description                                    | Rate                              | Amount     |
|--|----------|--|-----------------------------------|------------|
| 001-1680   | 1        | IBC Containment Unit-Poly Tub w/Steel Platform | 1,371.76                          | 1,371.76   |
|  |          |  | <b>Subtotal</b>                   | 1,371.76   |
|  |          |  | <b>Delivery Charges (R&amp;L)</b> | 400.23     |
|  |          |  | <b>Total (USD)</b>                | \$1,771.99 |
| <b>Phone #</b>   |          |  | <b>Web Address:</b>               |            |
| <b>Within U.S./CAN.</b><br>1-800-474-7294<br><b>International</b><br>941-377-8610  |          |  | store.interstateproducts.com      |            |
| <b>Fax #</b>   |          |  | <b>Email:</b>                     |            |
| <b>Within U.S./CAN</b><br>1-866-333-3419<br><b>International</b><br>941-487-1708   |          |  | admin@interstateproducts.com      |            |
| A finance charge will be added at lawful rates to past due accounts. Products are warranted by the manufacturer to the extent provided in writing and are in lieu of any other warranty, expressed or implied, including any implied warranty of merchantability or fitness for a particular purpose. No merchandise may be returned for credit without prior written authorization from us. All orders for custom products are non-returnable and items authorized for return may be subject to a re-stocking fee. Any claims for shipping damage should be made to the transportation company. Customer assumes responsibility for freight fees and damage claims when shipping collect, third party, or with their own carrier. Other claims must be made within 5 days from receipt of shipment. Maximum liability to IPI will not exceed the purchase price of the product. The complete terms for domestic and international sales are published on the Interstate Products, Inc. website at:<br><a href="http://store.interstateproducts.com/domestic_terms_of_sale.html">http://store.interstateproducts.com/domestic_terms_of_sale.html</a> and <a href="http://store.interstateproducts.com/international_terms_of_sale.html">http://store.interstateproducts.com/international_terms_of_sale.html</a> |          |  |                                   |            |

**Thank You For Your Business.**



450 Enterprise Drive - PO Box 784 - Westfield, IN 46074

Phone: 800-474-5911 ext. 305 - Fax: 800-467-5911 - Email: jpmoore@spill911.com

## Quotation

| Date     | Quote #  | Cust # |
|----------|----------|--------|
| 03/30/11 | SPIQ2796 |        |

| Prepared For: bob@sslocsd.us   |   | Sales Representative:  |
|--|---|--|
| Robert Barlogio<br>South San Luis Obispo Sanitation<br>District<br>Oceano, CA 93445<br>USA | Phone: 805/489-6666<br>Fax:<br>Terms: NET 30<br>Ship via: BESTWAY | J.P. Moore<br>800-474-5911<br>Ext. 305<br>jpmoore@spill911.com |

| Line | Item         | Description                   | Qty | Unit Price | Ext. Price |
|------|--------------|-------------------------------|-----|------------|------------|
| 1    | EL-1683-0001 | All-Poly IBC Containment Unit | 2   | \$1,270.00 | \$2,540.00 |

Thank you for the opportunity. Please let us know if you have any questions or need additional information or pricing.

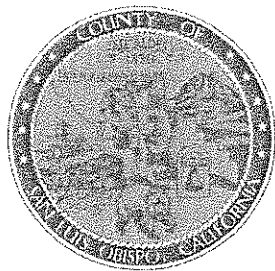
Sub Total: \$2,540.00

Sales Tax: \$0.00

Shipping: \$367.66

**Total \$2,907.66**

All information contained within this quote is valid for the next 30 days. Thereafter, all prices and applicable charges are subject to change.



SAN LUIS OBISPO COUNTY  
**DEPARTMENT OF PUBLIC WORKS**

Paavo Ogren, Director

---

County Government Center, Room 207 • San Luis Obispo, CA 93408 • (805) 781-5252

Fax (805) 781-1229

email address: [pwd@co.slo.ca.us](mailto:pwd@co.slo.ca.us)

**Subject: Oceano Community Meeting on Drainage and Flooding**

Dear Community Member:

As you may be aware, areas of Oceano experienced flooding during the December 2010 storms. In response to the flooding, the County Public Works Department will be holding a community meeting on:

**Saturday, April 30, 2011  
9:00 a.m. to 11:30 a.m.  
Oceano Community Center  
1425 19<sup>th</sup> Street, Oceano**

Agenda:

9:00 a.m. – 10:00 a.m. County & Agency staff program information tables  
10:00 a.m. – 11:30 a.m. Presentation / Questions & Answers

**We need your participation! How? Who can you contact? Questions?**

In preparation for the community meeting, County Public Works is distributing the attached draft Oceano Drainage Issues Work Program and questionnaire for the purposes of creating a comprehensive list of the flooding problems, likely causes of those problems, as well as determining community priorities. The questionnaire is similar to the one distributed previously in 2002 when County Public Works developed the Oceano Drainage and Flood Control Study (2004).

- Complete the attached Questionnaire and return it to us by **April 15, 2011**.
- Attend the community meeting. County Public Works staff will be available to receive your input and discuss your specific drainage and flooding problems. County Public Works will also present a brief summary of the drainage and flooding issues, the process for solving the identified issues as well as current and future work efforts.
- Call Nola Engelskirger, County Public Works Staff Civil Engineer at (805) 788-2100 or the County Public Works at (805) 781-5252 to inform us of any drainage and/or flooding problems in your community. Fax number is (805) 788-2182.
- Email Nola Engelskirger at [nengelskirger@co.slo.ca.us](mailto:nengelskirger@co.slo.ca.us)

**Additional information, updates, on-line questionnaire, etc?** Check out our website at [www.slocountywater.org](http://www.slocountywater.org). Look under "News and Information" or "Forms".

# **Oceano Drainage Issues**

## **Proposed Work Program By Area**

**Stakeholders:** Area residents, State of California Parks, South County Sanitation District, Oceano Airport, Flood Control Zone 1/1A, City of Grover Beach, Oceano Community Services District, City of Arroyo Grande

### **Arroyo Grande Creek Channel**

- A. Monthly monitoring of sediment at Sand Canyon Flap Gates (Meadow Creek outlet structure)
- B. Monthly open/close of Sand Canyon Flap Gates (operational check)
- C. Installation of automatic water level sensors at Sand Canyon flap gate (Meadow Creek outlet structure) on the Oceano Lagoon side
- D. Input to the Office of Emergency Services Storm Response Plans (monitoring of water levels)
- E. Installation of additional staff gages at temporary levee protection sites to allow monitoring of water levels during storms
- F. Finalize the update to the Arroyo Grande Creek Channel Emergency Response Plan (with December 2010 input)
- G. Emergency Response Supply Kits for Arroyo Grande Creek Channel patrols
- H. Repair Los Berros Duck Bill
- I. Verify effectiveness of rubber duck bill type check valves in other similar situations
- J. Installation of ALERT rain station in Upper Watershed of Los Berros Creek and a stream gage station at Upper Los Berros Road Bridge to increase data collected in the watershed which can effect the Arroyo Grande Creek Channel Flooding
- K. Replacement of the 1960 steel Sand Canyon Flap Gates (Meadow Creek outlet structure)
- L. Develop policy/obtain permits to breach mouth of Arroyo Grande Creek
- M. 1<sup>st</sup> Year Vegetation Management and Sediment removal (FY 2011-12, if grant funding is awarded)
- N. Installation of additional automatic water level sensors for storm response
- O. Implementation of Alternative 3A – Levee Raise Project (10-year protection – 1 to 3 ft raise)
- P. Implementation of Alternative 3C – Levee Raise Project (20-year protection – 3 to 6 ft raise includes UPRR Bridge Raise)
- Q. Establish an area Task Force to evaluate and advocate Oceano Airport Area flooding with watershed contributing and receiving water agencies.
- R. Increase Zone 1/1A advisory group representation
- S. Improve coordination with UP Railroad representatives on drainage issues in Oceano

## **Meadow Creek Lagoon**

- A. Coordinate with State Parks on their maintenance efforts
- B. Obtain finished floor elevations of homes in the Maui Circle / Security Court area to improve flood warning times.
- C. Topographic survey of Lagoon to determine obstacles to drainage (sandbars etc)
- D. Develop plans/permits to install a sediment removal structure on the Oceano. Lagoon side of the Sand Canyon Flap Gates (Meadow Creek outlet structure).
- E. Develop policy/obtain permits to allow use of portable pump at sediment removal structure (proposed above on Oceano Lagoon side of Sand Canyon Flap Gates)
- F. Meadow Creek Watershed Assessment Study (update of 1989 study) to evaluate flooding causes and potential improvements to reduce flooding along Meadow Creek and lagoon areas.
- G. Evaluate alternatives to improve function of existing Sand Canyon Flap Gate Structure (Meadow Creek outlet structure).
- H. Develop alternatives to solve/mitigate flooding around Oceano Lagoon
- I. Installation of automatic water level sensor device at the Pier Ave Bridge
- J. Investigate drainage paths from Airport/Sanitation District/Hwy1 areas

## **Oceano (other issues)**

- A. Evaluate Alternatives/Recommend Project for Highway 1 Drainage Improvements
- B. Construct Highway 1 Drainage Improvements
- C. Develop an Oceano Drainage Program to prioritize needed drainage improvements
- D. Establish a funding plan for needed improvements:
  - o Drainage Assessment District that encompasses areas which contribute runoff as well as areas which are the recipients of the runoff.
  - o Pursue grant funding

Please submit response to County by April 15, 2011

## COMMUNITY DRAINAGE AND FLOODING QUESTIONNAIRE

Oceano

**Why should I complete this questionnaire?** We need your help in identifying existing flooding problems in Oceano. We will use this questionnaire to 1) gather local knowledge of the location and severity of existing drainage and flood problems, and 2) identify likely causes. Your time and effort is appreciated!

Please complete this questionnaire and return it to:  
County of San Luis Obispo Public Works  
County Government Center, Room 207  
San Luis Obispo, CA 93408

You may also drop it off at the following locations in your community:  
Oceano Community Services District      Guiton Realty  
1655 Front Street, Oceano                      1330 Lakeside Avenue, Oceano

Contact Information (optional):

|               |  |
|---------------|--|
| Name:         |  |
| Address:      |  |
| Phone Number: |  |
| Email:        |  |

Where have you experienced or observed flooding? Please provide the amount of flooding (e.g. a few inches, 1 foot, severe), the location, year and observed damage to homes or property. A map is provided on the reverse side for you to indicate the location. Photographs of the flooding would be very helpful to us.

|  |
|--|
|  |
|  |
|  |

How often does the flooding you observed occur? Every time it rains, once a year, once every five years, once in my lifetime.

|  |
|--|
|  |
|  |
|  |

Did you observe likely causes of the flooding, such as clogged culverts under roads, catch basins filled with dirt, no place for water to flow?

|  |
|--|
|  |
|  |
|  |

Are there other comments regarding drainage and flooding that you would like to make?

|  |
|--|
|  |
|  |
|  |

[Oceano map on reverse]

This Questionnaire may also be completed on-line at:  
[www.slocountywater.org](http://www.slocountywater.org)  
Look under **Forms**

Oceano, California, United State

