



## California Regional Water Quality Control Board, San Diego Region

August 16, 2012

In reply refer to / attn.:  
Place ID 631926-cmeans

Mr. Shawn Atherton  
Wastewater Superintendant  
City of Encinitas  
2695 Manchester Avenue  
Cardiff by the Sea, CA 92007

### **Subject: February 24, 2012 Sanitary Sewer Collection System Inspection Final Report**

Dear Mr. Atherton,

On February 24, 2012, United States Environmental Protection Agency (USEPA) contractors, State Water Resources Control Board (State Board) and California Regional Water Quality Board, San Diego Region (San Diego Water Board) staff conducted a compliance inspection of the City of Encinitas Sanitary Sewer Collection System, for compliance with State Board Order No. 2006-0003-DWQ, *Statewide Waste Discharge Requirements for Sanitary Sewer Systems* and San Diego Water Board Order No. R9-2007-0005, *Waste Discharge Requirements for Sewage Collection Agencies in the San Diego Region*.

Please find attached the Final Report for the City of Encinitas Sanitary Sewer Collection System inspection. The Major Findings section of this report includes deficiencies in the City's program that are alleged violations of the State Board and San Diego Water Board Orders. As documented in the report these alleged violations fall under the category of Sanitary Sewer Overflow Reporting and Documentation.

Each alleged violation noted in the report should be addressed to bring your program into compliance with the Waste Discharge Requirements regulating your system. Please provide a written response to this by September 17, 2012 describing the actions the City has taken, or will take, to address these alleged violations within your program.

GRANT DESTACHE, CHAIR | DAVID GIBSON, EXECUTIVE OFFICER

9174 Sky Park Court, Suite 100, San Diego, CA 92123 | (858) 467-2952 | [www.waterboards.ca.gov/sandiego](http://www.waterboards.ca.gov/sandiego)



NON-PROFIT

In the subject line of any response, please include the information located in the heading of this letter: "in reply refer to." For questions or comments, please contact Christopher Means of my Staff by phone at 858-637-5581, or by email [cmeans@waterboards.ca.gov](mailto:cmeans@waterboards.ca.gov).

Respectfully,



Chiara Clemente  
Senior Environmental Scientist  
Compliance and Assurance Unit  
Regional Water Quality Control Board

CC:cjm

Enclosure:

EPA Region IX and California Water Resources Control Board Sanitary Sewer Collection System Inspection Report.

Cc (by email):

Ben Taylor, City of Encinitas, [btaylor@encinitasca.gov](mailto:btaylor@encinitasca.gov)

Jim Fischer, SWRCB, [jfischer@waterboards.ca.gov](mailto:jfischer@waterboards.ca.gov)

Russell Norman, SWRCB, [morman@waterboards.ca.gov](mailto:morman@waterboards.ca.gov)

Tech Staff Info & Use	
Order No	2006-0003-DWQ, R9-2007-0005
Party (GT/CIWQS) ID	11079
Place ID	631926

# EPA Region IX and California Water Resources Control Board

## Sanitary Sewer Collection System Inspection Report

<b>Collection System Name and Location</b> City of Encinitas Collection System 505 South Vulcan Avenue Encinitas, CA 92007		<b>Entry Date</b> 2/24/2012	<b>Permit Effective Date</b> 5/2/2006
		<b>Entry Time</b> 7:15 AM	
<b>Order Number</b> 2006-0003-DWQ & 2008-0002-EXEC	<b>WDID Number</b> 9SSO10655		<b>Permit Expiration Date</b>
<b>Name(s) &amp; Title(s) of On-Site Representative(s)</b> Shawn Atherton (Superintendent) Ben Taylor (Field Supervisor)		<b>Contact Information</b> Phone: (760) 685-5540	<b>Notified of Inspection?</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Name, Title &amp; Address of Responsible Official</b> Shawn Atherton (Superintendent) 505 South Vulcan Street Encinitas, CA 92007		<b>Contact Information</b> Phone: (760) 685-5540	<b>Official Contacted?</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Inspector(s)</b> <b>Primary:</b> Danny O'Connell (PG Environmental, LLC) and Max Kuker (PG Environmental, LLC) <b>Other(s):</b> Julie Berrey (State Water Board), Dylan Seidner (State Water Board), and Chris Means (San Diego Water Board)			<b>Presented Credentials?</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Weather Conditions at the Time of the Inspection:</b> Sunny; no recent precipitation		<b>Receiving WWTP Information</b> Name: Encina Water Pollution Control Facility and San Elijo Water Reclamation Facility NPDES No.: CA0107395/CA0107999 (respectively)	
<b>Overview of Areas Evaluated During Inspection</b> <i>S = Satisfactory. M = Marginal U = Unsatisfactory. N = Not Evaluated</i>			
SSO History: U		Operations & Maintenance: S	
SSO Reporting & Documentation: U		Overflow Emergency Response Plan: N	
Legal Authority: S		FOG Control Program: N	
Sewer System Mapping: S		Program Self-Assessment: S	
Prepared By: Max Kuker (PG Environmental, LLC) on 6/7/2012			
Reviewed By: Danny O'Connell (PG Environmental, LLC) on 8/7/2012			

## **Narrative**

On February 24, 2012 a USEPA contractor inspected the City of Encinitas Collection System in Encinitas, CA. Discharges from the Facility are regulated by the Sanitary Sewer System Waste Discharge Requirements 2006-0003-DWQ, and its accompanying Amended Monitoring Plan Order No. 2008-0002-EXEC (hereafter Amended MRP). In addition, discharges from the City's collection system are regulated by San Diego Water Board Order No. R9-2007-0005. The primary purpose of the inspection was to determine the accuracy and reliability of the Discharger's self-monitoring and reporting program. The primary on-site representatives were Shawn Atherton (Superintendent) and Ben Taylor (Field Supervisor).

The primary goals of this inspection were to gather necessary information for compliance and enforcement purposes as stated in the Compliance and Enforcement Plan for the Sanitary Sewer Overflow Reduction Program posted on the Sanitary Sewer Overflow Reduction Program website and to evaluate the effectiveness of controls used by the City to prevent discharges as prohibited by the Clean Water Act (CWA). The inspection encompassed on-site inspections and subsequent review of pertinent sewer system information, including review of Sewer System Management Plans (SSMPs); maintenance, operations, and management activities; Sewer Use Ordinance; financial information; and other areas needed to verify the discharger's compliance with all requirements of the SSSWDR, including efforts to eliminate, reduce, and/or mitigate sanitary sewer overflows (SSOs).

The State Water Resources Control Board (State Water Board), Office of Enforcement and the participating Regional Water Quality Control Board (San Diego Water Board) are conducting Compliance Inspections of sewer collection systems. The inspections are being conducted as part of the combined Water Boards' enforcement response to verify compliance with "Waste Discharge Requirements for Sanitary Sewer Systems," Water Quality Order No. 2006-0003-DWQ (hereafter referred to as SSSWDR (the acronym for the term Sanitary Sewer Systems Waste Discharge Requirements in Water Board vernacular)), and its incorporated Amended MRP.

The collection system is regulated under the SSSWDR (2006-0003-DWQ) and associated Amended MRP (2008-0002-EXEC), which requires all public agencies that own or operate a sanitary sewer system comprised of more than one mile of pipes that convey wastewater to a publicly owned treatment facility to apply to the State Water Board for coverage under the SSSWDR. Applicable public agencies were required to file a Notice of Intent (NOI) for each individual sanitary sewer collection system owned or operated by the public agency by November 2, 2006. State Water Board records show that the City of Encinitas filed an NOI with the State Water Board to enroll the City of Encinitas Collection System which was assigned WDID #9SSO10650 by the State Water Board, effective on August 24, 2006.

No prior inspection of the collection system had been conducted by either the State Water Board, or the San Diego Water Board.

## **System Overview**

The City of Encinitas owns and operates the City of Encinitas Collection System, a small-sized sanitary sewer collection system that serves the entire area of the City of Encinitas, San Diego County, California. Sewage conveyed by the collection system is ultimately treated at the Encina Water Pollution Control Facility (WDID No. 9-000000125) and the San Elijo Water Reclamation Facility (WDID No. 9-000000030).

According to the City of Encinitas "Collection System Questionnaire" (Questionnaire) required by the SSSWDR, last updated by the City on February 14, 2012, and confirmed during the inspection, the collection system serves an estimated population of approximately 36,100, and contains 123.1 miles of gravity sewers, 4.13 miles of force mains (pressurized sewers), and 10,183 sewer service connections. The City has not provided an estimate of the total length of sewer service laterals (in miles), as required by the Questionnaire. The City had indicated in the Questionnaire that the agency does not have responsibility for any portion of sewer service laterals. The City reported a total of three Category 1 SSOs, two Category 2 SSOs, and three Private Lateral Sewer Discharges (PLSDs) since obtaining coverage under the SSSWDR. Due to the small number of reported spills, the inspectors conducted a data review for the period of May 2, 2006 (effective date of the Order) through February 23, 2012.

The inspectors split into two teams at approximately 8:45 AM. Team 1 focused on field activities and Team 2 focused on a review of documentation and SSO tracking and reporting processes.

**Inspection Timeline**

<b>Time</b>	<b>Inspection Activity/Task</b>
7:15 AM	Entry and Opening Meeting
7:45 AM	Management Staff Interviews
8:45 AM	Team 1 Left Office for Field Activities/Team 2 Conducted Document Review
8:55 AM	First Site Visit – Team 1 (Moonlight Beach Pump Station)
9:45 AM	Second Site Visit – Team 1 (Coast Boulevard Pump Station)
10:50 AM	Third Site Visit – Team 1 (Olivenhain Pump Station)
11:30 AM	Fourth Site Visit – Teams 1 and 2 (Field Crew Visit 1)
11:45 AM	Fifth Site Visit – Teams 1 and 2 (Field Crew Visit 2)
12:10 PM	Returned to Public Works for Follow-Up and Closing Meeting
12:30 PM	Exited the Inspection

## **Major Findings**

### ***SSO History***

1. State Water Board Order 2006-0003-DWQ, Part C.2 prohibits the discharge of untreated or partially treated wastewater that creates a nuisance as defined in California Water Code Section 13050(m). Based on a review of the SSO Public Report generated from the California Integrated Water Quality System (CIWQS) online reporting system, the City has reported three Category 1 SSOs and two Category 2 SSOs since obtaining permit coverage in 2006 resulting in untreated wastewater being discharged by the City from the collection system creating a nuisance such as potential injury to health and offense to the senses. Refer to Attachment 1 for the SSO Public Report Detail Page which provides summaries of the reported Category 1 and Category 2 SSO discharges, Attachment 2 for General Information Reports for the five reported Category 1 and 2 SSOs and Attachment 3 for the SSO Public Report Detail Page for PLSDs.

### ***SSO Reporting & Documentation***

1. State Water Board Order 2006-0003-DWQ, Amended MRP, Section A specifies SSO reporting timeframes for Category 1 and Category 2 SSOs. In addition, San Diego Water Board Order No. R9-2007-0005, Provision C.3 requires that the City provide notification of PLSDs. The City provided a log of "Sewer Related Customer Calls" (refer to Attachment 4) that documents 15 sewer related calls received by the City for a time period of October 11, 2010 through the date of this inspection. In addition, the inspectors requested that the City run several queries on the City's Cityworks database related to sewer spills and response. One of the queries indicated that a potential PLSD may have been responded to on January 30, 2011 that was not reported in CIWQS. It appears, based upon a review of the Sewer Related Customer Calls log (refer to Attachment 4) and a review of data in the Cityworks database (refer to Attachment 5) that the City had failed to report at least one PLSD and may not have reported several more potential SSOs, PLSDs, and system backups in CIWQS that have been reported to and responded to by the City. It should be noted that the documentation in the referenced documents does not typically provide details regarding the volume or destination of the SSO reported to or discovered by the City. Therefore, it is difficult to determine the accuracy of the City's reporting.
2. State Water Board Order 2006-0003-DWQ Amended MRP, Attachment A, Section A.4 requires that all SSOs that meet the criteria for Category 1 SSOs must report minimal information to the Online SSO Database as soon as possible but no later than three business days after the enrollee is made aware of the SSO. In addition, a final certified report must be completed through the online SSO System within 15 calendar days of the conclusion of SSO response and remediation.

First, the City incorrectly reported a Category 1 SSO as a Category 2 SSO. Specifically, the City reported a Category 2 SSO on December 10, 2007 at 989 Sidonia Street (refer to Attachments 1 and 2); however, the City reported that the spill was 345 gallons, some of the flow entered a storm drain, and only 100 gallons were able to be recovered. Therefore, it appears that the City incorrectly reported this as a Category 2 spill instead of a Category 1.

Second, the City failed to certify two reported SSOs within 15 days of the conclusion of SSO response and remediation. The SSOs occurred on July 2, 2007 and December 10, 2007 (SSO previously mentioned earlier in this finding).

- The July 2, 2007 SSO was reported to have occurred at 3049 Camino Del Rancho with a spill response completion date and time of July 2, 2007 at 2:30 PM. The City did not certify the report until December 2, 2010, a timeframe of over 1,200 days.
  - The December 10, 2007 SSO was reported as a Category 2 SSO and to have occurred at 989 Sidonia Street. The Online SSO System did include a spill response completion date and time; however, the City reported an estimated spill end date/time of December 10, 2007 at 8:17 AM. The City did not certify the report in CIWQS until May 19, 2008 (161 days after the event). It should be noted that the City did not meet the certification requirements of a Category 2 SSO either (i.e., within 30 days after the end of the calendar month in which the SSO occurs).
3. State Water Board Order 2006-0003-DWQ, Amended MRP, Section B.1 (Record Keeping) states that "Individual SSO records shall be maintained by the Enrollee for a minimum of five years from the date of the SSO." Since obtaining permit coverage, the City has reported a total of five Category 1 and Category 2 SSOs and three PLSDs. The City was not able to provide supporting documentation for two reported SSOs and one reported PLSD. Further, the City provided three inconsistent types of documentation for the other reported SSOs and PLSDs. Specifically, the City provided one or a combination of the following types of documentation: Cityworks Work Orders, Line Maintenance Reports (used to document field activities) (refer to Attachment 6), Sanitary Sewer Overflow Report Form, and hand written notes. Examples of the types of documentation can be found respectively in Attachments 5, 6, 7 and 8. A summary of the documentation available for each SSO and PLSD is provided in the following table.

Event ID	SSO Start Date	Documentation Provided to EPA Inspection Team	Spill Type	SSO Vol	Vol of SSO Recovered	Vol of SSO Reached Surface
653552	7/2/2007	No Documentation	Category 1 SSO	330	100	230
708917	12/10/2007	No Documentation	Category 2 SSO	345	100	0
746771	11/13/2009	Line Maintenance Report	Category 1 SSO	650	200	450
748988	1/30/2010	Work Order/Line Maintenance Report	Category 2 SSO	42	15	0
775088	12/28/2011	Work Order/Hand Written Notes	Category 1 SSO	183,600	183,600	183,600
724490	8/10/2008	Line Maintenance Report/Sanitary Sewer Overflow Report Form	Category 1 PLSD	450	50	400
734561	3/3/2009	No Documentation	Category 1 PLSD	25	0	25
740206	6/29/2009	Work Order	Category 1 PLSD	375	0	375

4. State Water Board Order 2006-0003-DWQ, Amended MRP, Attachment A (Notification) requires that for any discharges of wastewater that results in a discharge to a drainage channel or a surface water, the Discharger shall, as soon as possible but not later than two (2) hours after becoming aware of the discharge, notify the State Office of Emergency Services (OES). Based upon documentation provided in CIWQS, it appears that on at least three occasions during the

period of review, the City failed to notify OES of a Category 1 SSO within the two hour requirement.

- The City reported that a Category 2 SSO (as previously noted, it should have been reported as a Category 1 SSO) occurred on December 10, 2007 at 989 Sidonia Street which resulted in the discharge of 345 gallons. According to the information contained within CIWQS, the estimated spill end time was December 10, 2007 at 8:17 AM. According to the documentation in CIWQS, OES was not notified of the occurrence of the SSO (refer to Attachment 2).
- The City reported that a Category 1 SSO occurred on November 13, 2009 at 840 Val Sereno Street which resulted in the discharge of 650 gallons. According to the information contained within CIWQS, the estimated spill end time was November 13, 2009 at 8:20 AM. According to the documentation in CIWQS, OES was not notified of the occurrence of the SSO (refer to Attachment 2).
- The City reported that a Category 1 SSO occurred on December 28, 2010 at the 3000 block of Manchester Avenue which resulted in the discharge of 183,600 gallons. The City reported an inconsistent timeframe for the SSO indicating that the SSO would have started after the City was notified or discovered the SSO, as well as after the time City staff arrived at the SSO site. Specifically, the City reported the start time of the SSO as 11:45 AM, the time the City was notified or discovered the spill as 11:05 AM, and the time the City arrived at the SSO site as 11:15 AM. It should be noted that the OES notification timeframe requirement was exceeded based on the reported SSO start time of 11:45 AM. The City reported the OES notification time as 2:10 PM on December 28 (2 hours and 25 minutes after the start time).

It should also be noted that the inspectors did not request phone documentation of the call to verify the information contained within CIWQS. It should also be noted that there are several potential SSOs and PLSDs that were not reported in CIWQS that were not reviewed for OES reporting time compliance.

5. State Water Board Order 2006-0003-DWQ, Provision J.1.(i) states that "All reports required by this Order and other information required by the State or Regional Water Board shall be signed and certified by a person designated, for a municipality, state, federal or other public agency, as either a principal executive officer or ranking elected official, or by a duly authorized representative of that person, as described in paragraph (ii) of this provision. (For purposes of electronic reporting, an electronic signature and accompanying certification, which is in compliance with the Online SSO database procedures, meet this certification requirement.)"

Further, according to the CIWQS SSO Discharger Work Book "there are two levels of access available to staff entering the information: legally responsible officials (LROs) and data submitters. LROs have full access to enter information and certify spill reports. Data submitters, on the other hand, only have authority to enter information - they can't certify SSO reports, including a "No Spill Certification". An enrollee can have multiple LROs and data submitters to enter the necessary information into the SSO database for their sanitary sewer system."

City staff stated during the inspection that the City's Field Supervisor (Ben Taylor) had been gaining access to the CIWQS system with the Superintendent's (Mr. Atherton) credentials to enter and submit data into CIWQS as well as certify the reports as the Superintendent. IT is the



inspector's opinion that the Field Supervisor should not be using the Superintendent's credentials to enter and submit information or certify reports.

### **Areas of Concern**

#### ***SSO Reporting & Documentation***

1. The City does not require field crews to take photographs to capture field observations during SSO events, or sanitary spills or backups.
2. City representatives do not have a quality assurance program in place to ensure that the information entered into work orders in the Cityworks database system is complete and accurate. It appears, based upon a review of the Cityworks system, that there may be work orders that contain information regarding SSOs and/or PLSDs that have not been reported to regulatory agencies.

#### ***Overflow Emergency Response Plan***

1. The SSMP provided to the inspection team did not contain several sections/attachments referenced in the plan and therefore several components of the SSMP and Overflow Emergency Response Plan were not able to be evaluated. It is the inspector's opinion that the City review their SSMP and Overflow Emergency Response Plan to ensure that they conform to the requirements in the Order.

#### **Attachments:**

1. SSO Public Report Detail Page – Category 1 and 2 SSOs (May 2, 2006 through February 23, 2012)
2. CIWQS – General Information Reports for five reported Category 1 and 2 SSOs
3. PLSD Public Report Detail Page (May 2, 2006 through February 23, 2012)
4. "Sewer Related Customer Calls" Log
5. Cityworks Report for January 30, 2010 Sewer Response Work Order
6. Line Maintenance Report for SSO on November 13, 2009
7. California Regional Water Quality Control Board San Diego Region Sanitary Sewer Overflow Report Form for the PLSD that occurred on August 10, 2008
8. Handwritten Notes for December 28, 2011 Reported SSO

## COLLECTION SYSTEM INFORMATION:

INSPECTED ITEM	RESPONSE
1. Sanitary Sewer System Category	Municipal
2. Population served by agency's sanitary sewer system <i>The population estimate was provided in a Pre-inspection Questionnaire and was based on an estimation by the City.</i>	36,100
3. Approximate size of the service area served by the sewer collection system	15 square miles
4. Miles of sanitary sewer in the collection system a. Gravity b. Force main	123.1 4.13
5. Number of pump stations in the collection system	4
6. Average monthly household user fee for sewage collection only	\$53.64
7. Budget for operation and maintenance sanitary sewer system facilities a. Last fiscal year b. Current fiscal year c. Following fiscal year <i>The budget information is based on data provided in a Pre-inspection Questionnaire. Due to time limitations, information regarding budgets was not discussed during the inspection.</i>	\$3,819,462 \$4,419,039 N/A
8. Number of staff (FTEs) that conduct sewer operation and maintenance tasks	8
9. Collection system maintenance equipment owned by the agency a. Combination vector truck(s) (hydro flush/vacuum) b. Mechanical rodder(s) c. Closed-circuit television (CCTV) inspection trucks d. Standalone CCTV camera units <i>9a. City staff stated that one of the vector trucks is designated for the separate storm sewer system and one is designated for the sanitary sewer system.</i>	2 1 1 N/A
10. Method for assigning and tracking work orders for sewer system maintenance <i>The City uses the Cityworks computerized maintenance management system (CMMS) work order system for assigning and tracking work orders. The City implemented the use of the Cityworks system in January 2009.</i>	Cityworks
11. Budget for capital expenditures for sanitary sewer system facilities a. Last fiscal year b. Current fiscal year c. Following fiscal year <i>The budget information is based on data provided in a Pre-inspection Questionnaire. Due to time limitations, information regarding CIP budgets was not discussed during the inspection.</i>	\$507,178 \$3,602,075 N/A

**COLLECTION SYSTEM INFORMATION:**

INSPECTED ITEM	RESPONSE
12. Portion of sewer service laterals that agency is responsible for	<b>Connection at Main</b>
13. Number of sewer service lateral connections	<b>10,183</b>
14. Number of wastewater treatment plants (WWTPs) that ultimately receive wastewater from this collection system: WWTP Name(s): <b><u>Encina Water Pollution Control Facility and San Elijo Water Reclamation Facility</u></b> <b><i>Sewage conveyed by the collection system is ultimately treated at the Encina Water Pollution Control Facility (WDID No. 9-000000125) and San Elijo Water Reclamation Facility (WDID No. 9-000000030).</i></b>	<b>2</b>
15. Does this collection system discharge into any other collection systems? Collection System Name: <b><u>N/A</u></b> WDID No: <b><u>NA</u></b>	<b>No</b>
16. Do any upstream collection systems greater than 25,000 gallons/day (gpd) discharge into this collection system? Collection System Name: <b><u>Rancho Santa Fe Community Services District</u></b> WDID No: <b><u>9SSO10696</u></b>	<b>Yes</b>
17. Percentage of flow in the collection system from the following sources: a. Residential b. Commercial c. Industrial d. Institutional <b><i>The City indicated the percentages in their Pre-inspection Questionnaire.</i></b>	<b>90</b> <b>10</b> <b>N/A</b> <b>N/A</b>
18. Has the agency developed standard and emergency operating procedures for each asset (e.g., pump stations, WWTP process units, and collection system force mains) in the event of a power and/or pumping failure?	<b>Yes</b>
19. Are pump stations in the collection system connected to a supervisory control and data acquisition (SCADA) system or an auto dialer system to detect pump failures or high/low wet well levels? If yes, how many?	<b>Yes</b>
20. Other: Pump Station Schematics <b><i>The field component of this inspection incorporated site reviews of the Moonlight Beach, Coast Boulevard, Cardiff, and Olivenhain Pump Stations. The inspection team was provided station schematics and standard operating procedures for each facility prior to the site visits. A minor schematic modification to the Cardiff Pump Station was required due to the existence of an emergency pump truck 'by-pass' connector on the east side of the station. The schematic was updated and forwarded to the inspection team on March 6, 2012.</i></b>	<b>N/A</b>
Notes:	

SSO HISTORY:

OVERALL RATING: U

INSPECTED ITEM	EVALUATION
<p>1. Number of SSOs that occurred during the past twelve months that:</p> <p>a. Discharged to waters of the United States: <u>0</u></p> <p>b. Entered a storm sewer system and discharged to waters of the United States: <u>0</u></p> <p>c. Entered a storm sewer system but were contained prior to discharge to waters of the United States: <u>3</u></p> <p>d. Discharged to private residences/buildings: <u>0</u></p> <p><b>1b. According to the CIWQS Violation Report, the City has reported three Category 1 SSOs and two Category 2 SSOs since obtaining coverage under the permit in 2006. At the time of the inspection, the City had also reported three Category 1 PLSDs since obtaining permit coverage in 2006.</b></p> <p><b>Refer to the 'Major Findings - SSO History' section of this report for details.</b></p>	
<p>2. Does the agency hold post-SSO briefings with collections staff, management and others involved, to evaluate root cause of SSOs and document service changes necessary to prevent the reoccurrence of the SSO and be prepared in responding to SSOs in the future?</p> <p><b>The frequency of post-SSO briefings was not discussed during the inspection with the exception of the spill at the Olivenhain Pump Station. City representatives stated that a post-SSO briefing was conducted in response to the major SSO reported at this pump station in December 2011.</b></p>	N
<p>3. Provide a description of steps taken by the agency to mitigate largest (by volume) SSO event which occurred during previous 12 months :</p> <p><b>On December 28, 2011, the City experienced a forcemain failure at their Olivenhain Pump Station. The City reported that approximately 183,600 gallons of sewage were spilled, captured, and returned to the sanitary system. The City enlisted pumping trucks from Atlas and neighboring organizations to collect the spill and return spilled sewage to sanitary system. Refer to Attachments 1, 2, and 8 for details of the overflow.</b></p>	S
<p>4. Other:</p>	N
<p><b>Notes:</b>  <b>This section was rated "unsatisfactory" due to checklist item 1.</b></p>	

SSO REPORTING & DOCUMENTATION:

OVERALL RATING: U

INSPECTED ITEM	EVAL
1. Has the Enrollee obtained an SSO Database account by registering through the California Integrated Water Quality System (CIWQS) [Part G.3]?	Yes
2. Has the Enrollee updated the "Collection System Questionnaire" in the SSO Database at least every 12 months [Part G.3]? a. When was the questionnaire last updated? <u>February 14, 2012</u>	S
3. Have all Category 1 SSOs been reported in the Online SSO Database within 3 days of the Enrollee becoming aware of the SSO [Part A.4]?	N
4. Have all Category 2 SSOs been reported in the Online SSO Database within 30 days of the Enrollee becoming aware of the SSO [Part A.5]?	S
5. What is the Enrollee's policy on reporting private lateral sewage discharges in the Online SSO Database [Part A.6]? <b><i>The City has reported a total of three PLSDs since obtaining coverage under the order. Attachments 4, 5, and 6 provide details regarding several potential unreported lateral discharges; however, the documentation does not provide many details regarding the volume or destination of the overflows. Therefore, it is difficult to determine the accuracy of the City's reporting. Refer to the 'Major Finding - SSO Reporting &amp; Documentation' section of this report for details.</i></b>	U
6. Do field forms/processes used by the Enrollee to document the occurrence of SSOs ensure that all information identified in Part A.9, A.10, and A.11 is recorded and able to be reported in the Online SSO Database? <b><i>During a review of the City's public reporting documentation process contained in hand written form, the inspectors noted several calls reporting sewer overflows (main and laterals) and backups to homes and businesses. It appeared based upon a review of that information that the City may not have reported numerous SSOs and PLSDs as required. Refer to the 'Major Findings - SSO Reporting and Documentation' section of this report for details.</i></b>	U
7. Has the Enrollee maintained individual SSO records for a period of at least five years from the date of the SSO occurrences [Part B.1]? <b><i>The City was not able to provide adequate documentation to support the information entered into CIWQS. Refer to the 'Major Findings - SSO Reporting and Documentation' section of this report for details.</i></b>	U
8. Does the agency require crews to take photographs of SSOs? <b><i>It is not standard practice for field crews to take photographs of SSOs. However, photographs have been taken in certain instances. For example, a significant number of photos were taken during the SSO at the Olivenhain Pump Station in December 2011.</i></b>	M
9. Does the SSMP identify the chain of communication for reporting SSOs, from receipt of a complaint or other information, including the person responsible for reporting SSOs to the State and Regional Water Board and other agencies if applicable [Part D.13(ii)(c)]? <b><i>The copy of the SSMP provided to the inspector did not contain several sections/attachments. As a result, this checklist item was not evaluated as the information was not provided as referenced in the SSMP.</i></b>	N

**SSO REPORTING & DOCUMENTATION:**

**OVERALL RATING: U**

INSPECTED ITEM	EVAL
10. Provide description of program/process used by the Enrollee for receiving, documenting, addressing, and tracking sanitary sewer complaints:	N
11. Other:	N
<b>Notes:</b> <i>This section was rated "unsatisfactory" due to checklist items 5., 6., and 7.</i>	

**LEGAL AUTHORITY:**

**OVERALL RATING: S**

INSPECTED ITEM	EVAL
1. Does the SSMP identify the name of the responsible or authorized representative [Part D.13(ii)(a)]? a. If so, is the current information up-to-date? <b>Yes</b>	S
2. Does the SSMP identify the names and telephone numbers for management, administrative, and maintenance positions responsible for implementing specific measures in the SSMP program [Part D.13(ii)(b)]? a. If so, is the current information up-to-date? <b>Yes</b>	S
3. Has the Enrollee adopted a sewer use ordinance? a. If so, when was it adopted and last updated? <b><u>Last updated July 2002</u></b>	S
4. Has the Enrollee established the necessary legal authority to [Part D.13(iii)]: a. Prevent illicit discharges into its sanitary sewer system (examples may include I/I, stormwater, chemical dumping, unauthorized debris and cut roots, etc.) [Part D.13(iii)(a)] b. Require that sewers and connections be properly designed and constructed [Part D.13(iii)(b)] c. Ensure access for maintenance, inspection, or repairs for portions of the lateral owned or maintained by the Public Agency [Part D.13(iii)(c)] d. Limit the discharge of fats, oils, and grease and other debris that may cause blockages [Part D.13(iii)(d)] e. Enforce any violation of its sewer ordinances [Part D.13(iii)(e)]	S S S S S
5. Other:	N
<b>Notes:</b> <b><i>This section was rated "satisfactory" because all checklist items reviewed were rated satisfactory.</i></b>	

SEWER SYSTEM MAPPING:

OVERALL RATING: S

INSPECTED ITEM	EVAL
<p>a. Has the Enrollee developed and maintained an up-to-date <u>map</u> of the sanitary sewer system [Part D.13(iv)(a)]?</p> <p>a. When was the map last updated? <b><u>The map is continually updated as revisions are required.</u></b></p> <p>b. Does the Enrollee have a program or policy for maintaining its sewer system map up-to-date? If so, provide brief description. <b><u>Corrections are made to the map based upon information collected during normal operation and maintenance of the collection system.</u></b></p>	S
<p>2. Does the map identify all gravity line segments and manholes, pumping facilities, pressure pipes and valves, and applicable stormwater conveyance facilities [Part D.13(iv)(a)]?</p>	S
<p>3. What format is the map maintained in? Provide brief description.  <b><i>The map is maintained in Geographic Information System (GIS) format.</i></b></p>	S
<p>4. Other:</p>	N
<p><b>Notes:</b>  <b><i>This section was rated "satisfactory" because all checklist items reviewed were rated satisfactory.</i></b></p>	



OPERATIONS & MAINTENANCE:

OVERALL RATING: S

INSPECTED ITEM	EVAL
<p>1. Does the SSMP describe routine preventive operation and maintenance activities by staff and contractors, including a system for scheduling regular maintenance and cleaning of the sanitary sewer system with more frequent cleaning and maintenance targeted at known problem areas [Part D.13(iv)(b)]? If so, how often is it adjusted to reflect the changing needs of the system?</p>	N
<p>2. Does the Enrollee have a system to document scheduled and conducted activities, such as work orders [Part D.13(iv)(b)]? If so, provide brief description of system. <b>The City utilizes Cityworks to schedule and track work orders.</b></p>	S
<p>3. Has the Enrollee established performance standards or sewer system cleaning/inspection goals? If so, provide brief description. <b>The City's goal is to clean the entire sanitary sewer system on an annual basis.</b></p>	S
<p>4. Sewer cleaning and inspection activities:            a. Total gravity sewer collection system cleaning production (hydro flushing, mechanical and hand rodding) over the <u>past</u> 12 months (miles): <b>210.3</b>            b. Total gravity sewer collection system cleaning production scheduled (hydro flushing, mechanical and hand rodding) for the <u>next</u> 12 months (miles): <b>210.3</b>            c. Total CCTV Inspection production in the <u>past</u> 12 months (miles): <b>8</b>            d. Total CCTV inspection production scheduled for the <u>next</u> 12 months (miles): <b>19</b>  <b>Note: The Enrollee's collection system comprises 127 miles of sewer.</b></p>	
<p>5. Does the agency retain contract service(s) for sewer collection system maintenance, operations, and/or management?            a. If collection system cleaning activities are performed by outside contractors, does the agency require video (CCTV) inspections before and after cleaning to measure the effectiveness of these activities?</p>	N
<p>6. Does the agency inspect pipes with CCTV video after all SSO(s)?</p>	S
<p>7. Has the Enrollee identified focused problem areas ("SSO hot spots") located throughout the collection system?            a. Total number of identified hotspots: <b>67</b></p>	S
<p>8. Does the SSMP include a rehabilitation and replacement plan to identify and prioritize system deficiencies and implement short-term and long-term rehabilitation actions to address each deficiency [Part D.13(iv)(c)]?</p>	S
<p>9. Does the agency have a program in place to identify areas with inflow &amp; infiltration (I/I)?            a. Total number of sewer miles identified by this program: <b>Not reviewed</b>            b. Are there plans in place for eliminating the identified I/I issues? <b>Not reviewed</b>  <b>City representatives stated that the City has developed a CIP program to address I/I issues. A technical review of this data was not conducted.</b></p>	N

**OPERATIONS & MAINTENANCE:**

**OVERALL RATING: S**

INSPECTED ITEM	EVAL
<p>10. Does the SSMP include information for providing training on a regular basis for staff in sanitary sewer system operations and maintenance, and require contractors to be appropriately trained [Part D.13(iv)(d)]?</p> <p><i>The SSMP provided did not contain several sections/attachments and therefore this checklist item was not evaluated as the information was not provided as referenced in the SSMP.</i></p>	N
<p>11. Does the SSMP include design and construction standards and specifications for the installation of new sanitary sewer systems, pump stations and other appurtenances, and for the rehabilitation and repair of existing sanitary sewer systems [Part D.13(v)(a)]?</p> <p><i>The SSMP provided did not contain several sections/attachments and therefore this checklist item was not evaluated as the information was not provided as referenced in the SSMP.</i></p>	N
<p>12. Does the SSMP include procedures and standards for inspecting and testing the installation of new sewers, pumps, and other appurtenances and for rehabilitation and repair projects [Part D.13(v)(b)]?</p> <p><i>The SSMP provided did not contain several sections/attachments and therefore this checklist item was not evaluated as the information was not provided as referenced in the SSMP.</i></p>	N
<p>13. Has the Enrollee prepared and implemented a capital improvement plan (CIP) that will provide hydraulic capacity of key sanitary sewer system elements for dry weather peak flow conditions, as well as the appropriate design storm or wet weather events [Part D.13(viii)]?</p> <p>a. When was the CIP last updated? _____</p>	N
<p>14. Other:</p>	N
<p><b>Notes:</b>  <i>This section was rated "satisfactory" because all checklist items reviewed were rated satisfactory.</i></p>	

**PROGRAM SELF-ASSESSMENT:**

**OVERALL RATING: S**

INSPECTED ITEM	EVAL
1. Has the Enrollee assessed the success of the preventive maintenance program [Part D.13(ix)(c)]? a. If so, provide a brief description of assessment results.	S
2. Has the Enrollee updated SSMP program elements, as appropriate, based on monitoring or performance evaluations [Part D.13(ix)(d)]? a. When was the SSMP last updated? _____	N
3. Has the Enrollee identified and illustrated SSO trends, including frequency, location, and volume [Part D.13(ix)(e)]? a. If so, provide a brief description of identified trends.	N
4. Has the Enrollee conducted periodic internal audits of the SSMP [Part D.13(x)]?	S
5. Have the audits occurred at least every two years? a. When was the last audit conducted? <b><u>August 2011</u></b> b. Provide a brief description of major changes made to the program as a result of the last audit. <b><u>No discernable changes noted</u></b>	S
6. Other:	N
<b>Notes:</b> <i>This section was rated "satisfactory" because all checklist items reviewed were rated satisfactory.</i>	

## SSO Public Report - Detail Page

Here is the detail page of your SSO public report search for the selected region, responsible agency, or collection system. These results correspond to the following search criteria:

### SEARCH CRITERIA: [\[REFINE SEARCH\]](#)

- ⌵ Region (9)
- ⌵ Spill Type (sso\_cat1\_2)

The table below presents important details for all sewage discharge locations, as submitted through individual SSO reports, which meet the search criteria selected. If data is not shown for a particular field, it means the Enrollee did not provide the information and was not required to do so. To view the entire SSO report for a specific sewage discharge location, please select the corresponding EVENT ID.

### DRILLDOWN HISTORY:

REGION: 9

<u>EVENT ID</u>	<u>Region</u>	<u>Responsible Agency</u>	<u>Collection System</u>	<u>SSO Category</u>	<u>Start Date</u>	<u>SSO Address</u>	<u>SSO City</u>	<u>SSO Vol</u>	<u>Vol of SSO Recovered</u>	<u>Vol of SSO Reached Surface Water</u>	<u>SSO Failure Point</u>	<u>WDID</u>
<a href="#">653552</a>	9	Encinitas City	City Of Encinitas CS	Category 1	2007-07-02 10:30:00.0	3049 Camino Del Rancho Street	Encinitas	330	100	230	Main	9SSO10650
<a href="#">708917</a>	9	Encinitas City	City Of Encinitas CS	Category 2	2007-12-10 07:54:00.0	989 Sidonia Street	Encinitas	345	100	0		9SSO10650
<a href="#">746771</a>	9	Encinitas City	City Of Encinitas CS	Category 1	2009-11-13 07:15:00.0	840 Val Sereno Street	Encinitas	650	200	450	Main	9SSO10650
<a href="#">748988</a>	9	Encinitas City	City Of Encinitas CS	Category 2	2010-01-30 15:30:00.0	989 Sidonia Street	Encinitas	42	15	0	Main	9SSO10650
<a href="#">775088</a>	9	Encinitas City	City Of Encinitas CS	Category 1	2011-12-28 11:45:00.0	Manchester Avenue	Cardiff by the Sea	183,600	183,600	183,600	Olivenhain Pump Station, Force Main Pipe failure	9SSO10650

The current report was generated with data as of: Thursday, June 07, 2012

Attachment 2

CIWQS – General Information Reports for five reported Category 1 and 2 SSOs

May 6, 2006 through February 23, 2012



SSO - General Information

SSO Event ID:	653552	Regional Water Board:	9
Spill Location Name:	3049 Camino Del Rancho, Manhole #389	Agency:	Encinitas City
WDID:	9SSO10650	Sanitary Sewer System:	City Of Encinitas CS
Spill Date: 7/2/2007			

General Info

Glossary of Terms

Note: Questions with \*\*\* are required to be answered to certify this report. Questions with prefix 1. do not exist in Category 2.

Locate the spill on map

Certified by Shawn Atherton on 2010-12-02 00:00:00.0

1 - Spill Type: SSO Category 1  
 2 - Version: Certified

Physical Location Details

\*3 - Spill location name: 3049 Camino Del Rancho, Manhole #389  
 \*4 - Latitude of spill location: 33.056111  
 \*5 - Longitude of spill location: -117.220556  
 6 - Address: 3049 Camino Del Rancho Street  
 12 - City: Encinitas 13 - State: CA 14 - Zip: 92024  
 \*15 - County: San Diego  
 16 - Spill location description: Encinitas Sewer Manhole #389, located on the N. side of Camino Del Rancho St.  
 \*17 - Regional Water Quality Control Board: 9

Spill Details

\*18 - Spill appearance point: Manhole  
 19 - Spill appearance point explanation:  
 \*20 - Did the spill discharge to a drainage channel and/or surface water? Yes  
 \*21 - Did the spill reach a separate (i.e.,not combined) storm drainpipe? Yes  
 \*22 - If spill reached to a separate storm drainpipe, was all of the wastewater fully captured from the separate storm drain and returned to the sanitary sewer system? No  
 \*23 - Private lateral spill? No  
 24 - Name of responsible party (for private lateral spill only, if known):  
 \*25 - Final spill destination: Separate storm drain;Street/curb and gutter;Unpaved surface  
 26 - Explanation of final spill destination: Final destination was an unpaved area locted at 3049 Camino Del Rancho Street.  
 \*27 - Estimated spill volume: 330 gallons  
 \* 28 - Estimated volume of spill recovered: 100 gallons  
 \*1.1 - Estimated volume of spill that reached surface water, drainage channel, or not recovered from a separate storm drain: 230 gallons

29 - Estimated current spill rate (if applicable):	15 gallons per minute
*30 - Estimated spill start date/time:	2007-07-02 10:30:00.0
*31 - Date and time sanitary sewer system agency was notified of or discovered spill:	2007-07-02 10:30:00.0
*32 - Estimated Operator arrival date/time:	2007-07-02 10:40:00.0
*33 - Estimated spill end date/time:	2007-07-02 10:52:00.0
*34 - Spill cause:	Pipe structural problem/failure
35 - Spill cause explanation:	
36 - Where did failure occur?	Main
37 - Explanation of Where failure occurred:	
38 - If spill caused by wet weather, choose size of storm:	
39 - Diameter of sewer pipe at the point of blockage or spill cause (if applicable):	8
40 - Material of sewer pipe at the point of blockage or spill cause (if applicable):	plastic
41 - Estimated age of sewer pipe at the point of blockage or spill cause (if applicable):	17
42 - Description of terrain surrounding the point of blockage or spill cause (if applicable):	Mixed
*43 - Spill response activities:	Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;Restored flow;Returned all or portion of spill to sanitary sewer system
44 - Explanation of spill response activities:	
*1.2 - Spill response completion date:	2007-07-02 14:30:00.0
45 - Visual inspection results from impacted receiving water:	The area was returned to before the spill conditions. The entire street was cleaned using high pressure water and all of the wash down water was recovered. A visual and on foot inspection revealed that all of the spill percolated into the ground in an unpaved area located at the spill site.
*1.3 - Health warnings posted?	No
46a - Name of impacted beach(es) (enter NA if not applicable):	NA
*46b - Name of impacted surface water(s) (enter NA if not applicable):	Storm Drain
*1.6 - Is there an ongoing investigation?	No
*1.7 - Water quality samples analyzed for:	No water quality samples taken
1.8 - Explanation of water quality samples analyzed for:	
*1.9 - Water quality sample results reported To:	No water quality samples taken
1.10 - Explanation of water quality sample results reported to:	
*1.11 - Spill corrective action taken:	Repaired sewer
1.12 - Explanation of spill corrective action taken:	The private sewer lateral from 3022 Camino Del Rancho fell into our City's main line sewer. The lateral slipped from it's coupling and caused the blockage. City crews removed the lateral from our sewer main. The homeowner was advised of the situation and told to have his lateral inspected and repaired. The homeowner Bill Paulin, has hired a Contractor to inspect and make any necessary repairs to his lateral. The City is working closely with the Contractor to confirm that all work is completed as needed.
<b>Notification Details</b>	
47 - OES Control Number	
48 - OES Called Date/Time	
*1.13 - County health agency notified:	no

1.14 - Agency Name:

1.15 - Method Notification:

1.16 - Name of Staff Contacted:

1.17 - Phone Number of Staff Contacted:

1.18 - County health agency notified date/time:

49 - Regional Water Quality Control Board notified date/time: 2007-07-03 17:55:00.0

50 - Method Notification:

51 - Name of Staff Contacted:

52 - Phone Number of Staff Contacted:

53 - Other Agency Notified:

54 - Was any of this spill report information submitted via fax (or electronically) to the Regional Water Quality Control Board? no

55 - Date and time spill report information was submitted via fax (or electronically) to the Regional Water quality Control Board:

NOTE: questions with \*\*\* are required to be answered to certify this report.





SSO - General Information

SSO Event ID:	708917	Regional Water Board:	9
Spill Location Name:	989 Sidonia Street	Agency:	Encinitas City
WDID:	9SSO10650	Sanitary Sewer System:	City Of Encinitas CS
Spill Date: 12/10/2007			

General Info

Glossary of Terms

Note: Questions with "\*" are required to be answered to certify this report. Questions with prefix 1. do not exist in Category 2.

Locate the spill on map

Certified by Shawn Atherton on 2008-05-19 00:00:00.0

1 - Spill Type: SSO Category 2  
 2 - Version: Certified

Physical Location Details

\*3 - Spill location name: 989 Sidonia Street  
 \*4 - Latitude of spill location: 33.062891665496  
 \*5 - Longitude of spill location: 117.280673916159  
 6 - Address: 989 Sidonia Street  
 12 - City: Encinitas 13 - State: CA 14 - Zip: 92024  
 \*15 - County: San Diego  
 16 - Spill location description: Sewer Manhole #3316 in front of 989 Sidonia Street.  
 \*17 - Regional Water Quality Control Board: 9

Spill Details

\*18 - Spill appearance point: Manhole  
 19 - Spill appearance point explanation:  
 \*20 - Did the spill discharge to a drainage channel and/or surface water? No  
 \*21 - Did the spill reach a separate (i.e.,not combined) storm drainpipe? No  
 \*22 - If spill reached to a separate storm drainpipe, was all of the wastewater fully captured from the separate storm drain and returned to the sanitary sewer system? Not Applicable - Spill did not reach storm drainpipe  
 \*23 - Private lateral spill? No  
 24 - Name of responsible party (for private lateral spill only, if known):  
 \*25 - Final spill destination: Storm drain;Street/curb and gutter;Unpaved surface  
 26 - Explanation of final spill destination:  
 \*27 - Estimated spill volume: 345 gallons  
 28 - Estimated volume of spill recovered: 100 gallons  
 \*1.1 - Estimated volume of spill that reached surface water, drainage channel, or not recovered from a separate storm drain: N/A  
 29 - Estimated current spill rate (if applicable): 15 gallons per minute

*30 - Estimated spill start date/time: -	2007-12-10 07:54:00.0
*31 - Date and time sanitary sewer system agency was notified of or discovered spill:	2007-12-10 07:55:00.0
*32 - Estimated Operator arrival date/time:	2007-12-10 08:10:00.0
*33 - Estimated spill end date/time:	2007-12-10 08:17:00.0
*34 - Spill cause:	Other (specify below)
35 - Spill cause explanation:	A piece of plastic pipe measuring 4" x 12" was removed from the sewer line. Because the sewer pipe in question is constructed of (VCP) Clay pipe, we feel the plastic pipe came from a nearby housing development.
36 - Where did failure occur?	
37 - Explanation of Where failure occurred:	
38 - If spill caused by wet weather, choose size of storm:	
39 - Diameter of sewer pipe at the point of blockage or spill cause (if applicable):	8
40 - Material of sewer pipe at the point of blockage or spill cause (if applicable):	VCP
41 - Estimated age of sewer pipe at the point of blockage or spill cause (if applicable):	0
42 - Description of terrain surrounding the point of blockage or spill cause (if applicable):	
*43 - Spill response activities:	Contained all or portion of spill; Restored flow; Returned all or portion of spill to sanitary sewer system
44 - Explanation of spill response activities:	
45 - Visual inspection results from impacted receiving water:	The volume of the spill that entered the storm drain (estimate 100 Gals.) was not enough to reach receiving waters. We cleaned the storm drain pipe and catch basin to remove the spill water.
*1.3 - Health warnings posted?	
46a - Name of impacted beach(es) (enter NA if not applicable):	
*46b - Name of impacted surface water(s) (enter NA if not applicable):	N/A
<b>Notification Details</b>	
47 - OES Control Number	
48 - OES Called Date/Time	
49 - Regional Water Quality Control Board notified date/time:	2007-12-10 11:20:00.0
50 - Method Notification:	
51 - Name of Staff Contacted:	
52 - Phone Number of Staff Contacted:	
53 - Other Agency Notified:	None
54 - Was any of this spill report information submitted via fax (or electronically) to the Regional Water Quality Control Board?	no
55 - Date and time spill report information was submitted via fax (or electronically) to the Regional Water quality Control Board:	
<i>NOTE: questions with "*" are required to be answered to certify this report.</i>	



SSO - General Information

SSO Event ID:	746771	Regional Water Board:	9
Spill Location Name:	Val Sereno	Agency:	Encinitas City
WDID:	9SSO10650	Sanitary Sewer System:	City Of Encinitas CS
<b>Spill Date: 11/17/2007</b>			

General Info

Glossary of Terms

Note: Questions with "\*" are required to be answered to certify this report. Questions with prefix 1. do not exist in Category 2.

Locate the spill on map

Certified by Shawn Atherton on 2009-11-16 00:00:00.0

1 - Spill Type:	SSO Category 1
2 - Version:	Certified

Physical Location Details

*3 - Spill location name:	Val Sereno
*4 - Latitude of spill location:	33.050914
*5 - Longitude of spill location:	-117.222799
6 - Address:	840 Val Sereno Street
12 - City: Encinitas 13 - State: CA 14 - Zip: 92024	
*15 - County:	San Diego
16 - Spill location description:	Sewer Easement behind 840 Val Sereno
*17 - Regional Water Quality Control Board:	9

Spill Details

*18 - Spill appearance point:	Manhole
19 - Spill appearance point explanation:	
*20 - Did the spill discharge to a drainage channel and/or surface water?	Yes
*21 - Did the spill reach a separate (i.e.,not combined) storm drainpipe?	No
*22 - If spill reached to a separate storm drainpipe, was all of the wastewater fully captured from the separate storm drain and returned to the sanitary sewer system?	Not Applicable - Spill did not reach storm drainpipe
*23 - Private lateral spill?	No
24 - Name of responsible party (for private lateral spill only, if known):	
*25 - Final spill destination:	Unpaved surface
26 - Explanation of final spill destination:	
*27 - Estimated spill volume:	650 gallons
* 28 - Estimated volume of spill recovered:	200 gallons
*1.1 - Estimated volume of spill that reached surface water, drainage channel, or not recovered from a separate storm drain:	450 gallons
29 - Estimated current spill rate (if applicable):	10 gallons per minute

*30 - Estimated spill start date/time:	2009-11-13 07:15:00.0
*31 - Date and time sanitary sewer system agency was notified of or discovered spill:	2009-11-13 07:15:00.0
*32 - Estimated Operator arrival date/time:	2009-11-13 08:05:00.0
*33 - Estimated spill end date/time:	2009-11-13 08:20:00.0
*34 - Spill cause:	Root intrusion
35 - Spill cause explanation:	
36 - Where did failure occur?	Main
37 - Explanation of Where failure occurred:	
38 - If spill caused by wet weather, choose size of storm:	
39 - Diameter of sewer pipe at the point of blockage or spill cause (if applicable):	8
40 - Material of sewer pipe at the point of blockage or spill cause (if applicable):	VCP
41 - Estimated age of sewer pipe at the point of blockage or spill cause (if applicable):	0
42 - Description of terrain surrounding the point of blockage or spill cause (if applicable):	Flat
*43 - Spill response activities:	Contained all or portion of spill; Inspected sewer using CCTV to determine cause; Restored flow
44 - Explanation of spill response activities:	
*1.2 - Spill response completion date:	2009-11-13 09:15:00.0
45 - Visual inspection results from impacted receiving water:	Upon inspection, did not see any evidence from the spill.
*1.3 - Health warnings posted?	No
46a - Name of impacted beach(es) (enter NA if not applicable):	N/A
*46b - Name of impacted surface water(s) (enter NA if not applicable):	Val Sereno Dry Lake
*1.6 - Is there an ongoing investigation?	No
*1.7 - Water quality samples analyzed for:	No water quality samples taken
1.8 - Explanation of water quality samples analyzed for:	
*1.9 - Water quality sample results reported To:	None of the above
1.10 - Explanation of water quality sample results reported to:	
*1.11 - Spill corrective action taken:	Adjusted schedule/method of preventive maintenance
1.12 - Explanation of spill corrective action taken:	NA
<b>Notification Details</b>	
47 - OES Control Number	
48 - OES Called Date/Time	
*1.13 - County health agency notified:	yes
1.14 - Agency Name:	County Health Department
1.15 - Method Notification:	Telephone
1.16 - Name of Staff Contacted:	Clay Clifton
1.17 - Phone Number of Staff Contacted:	1-858-495-5579
1.18 - County health agency notified date/time:	2009-11-13 09:30:00.0
49 - Regional Water Quality Control Board notified date/time:	2009-11-13 09:25:00.0
50 - Method Notification:	Telephone
51 - Name of Staff Contacted:	Brian Kelly
52 - Phone Number of Staff Contacted:	1-858-822-8344

53 - Other Agency Notified:

54 - Was any of this spill report information submitted via fax (or electronically) to the Regional Water Quality Control Board? no

55 - Date and time spill report information was submitted via fax (or electronically) to the Regional Water quality Control Board:

*NOTE: questions with "" are required to be answered to certify this report.*



SSO - General Information

SSO Event ID:	748988	Regional Water Board:	9
Spill Location Name:	Sidonia Street	Agency:	Encinitas City
WDID:	9SSO10650	Sanitary Sewer System:	City Of Encinitas CS

Spill Date: 1/20/2010

General Info

Glossary of Terms

Note: Questions with "\*" are required to be answered to certify this report. Questions with prefix 1, do not exist in Category 2.

Locate the spill on map

Certified by Shawn Atherton on 2010-02-01 00:00:00.0

1 - Spill Type:	SSO Category 2
2 - Version:	Certified

Physical Location Details

*3 - Spill location name:	Sidonia Street
*4 - Latitude of spill location:	33.0628916
*5 - Longitude of spill location:	-117.280673
6 - Address:	989 Sidonia Street Street
12 - City: Encinitas 13 - State: CA 14 - Zip: 92024	
*15 - County:	San Diego
16 - Spill location description:	Sewer Manhole # 3316 on the edge of the Street
*17 - Regional Water Quality Control Board:	9

Spill Details

*18 - Spill appearance point:	Manhole
19 - Spill appearance point explanation:	Partial Blockage, small amount of sewage was seeping from the manhole
*20 - Did the spill discharge to a drainage channel and/or surface water?	No
*21 - Did the spill reach a separate (i.e.,not combined) storm drainpipe?	No
*22 - If spill reached to a separate storm drainpipe, was all of the wastewater fully captured from the separate storm drain and returned to the sanitary sewer system?	Not Applicable - Spill did not reach storm drainpipe
*23 - Private lateral spill?	No
24 - Name of responsible party (for private lateral spill only, if known):	
*25 - Final spill destination:	Unpaved surface
26 - Explanation of final spill destination:	sewage flowed onto a dirt/grass easement area and percolated into the ground
*27 - Estimated spill volume:	42 gallons
28 - Estimated volume of spill recovered:	15 gallons
*1.1 - Estimated volume of spill that reached surface water, drainage channel, or not recovered from a separate storm drain:	N/A

29 - Estimated current spill rate (if applicable):	1 gallons per minute
*30 - Estimated spill start date/time:	2010-01-30 15:30:00.0
*31 - Date and time sanitary sewer system agency was notified of or discovered spill:	2010-01-30 15:30:00.0
*32 - Estimated Operator arrival date/time:	2010-01-30 16:05:00.0
*33 - Estimated spill end date/time:	2010-01-30 16:12:00.0
*34 - Spill cause:	Pipe structural problem/failure
35 - Spill cause explanation:	On Monday 02/01/2010, we televised the sewer main at the problem area. We found that a contractor had not properly connected a new sewer pipe to our sewer main. The new pipe was protruding into the main, the main sewer was cracked at the tie in location, and was not positioned correctly. The new sewer pipe was connected to our sewer main approximately two years ago by a private contractor.
36 - Where did failure occur?	Main
37 - Explanation of Where failure occurred:	The failure occurred 2 feet upstream from the manhole.
38 - If spill caused by wet weather, choose size of storm:	
39 - Diameter of sewer pipe at the point of blockage or spill cause (if applicable):	8
40 - Material of sewer pipe at the point of blockage or spill cause (if applicable):	vcp
41 - Estimated age of sewer pipe at the point of blockage or spill cause (if applicable):	0
42 - Description of terrain surrounding the point of blockage or spill cause (if applicable):	
*43 - Spill response activities:	Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;Restored flow;Returned all or portion of spill to sanitary sewer system
44 - Explanation of spill response activities:	Responded to report of possible sewer spill. Upon arrival, noticed a very small amount of sewer water seeping from the manhole. The sewer main was jetted and cleaned immediately clearing the partial blockage. Cleaned up the surrounding area of any noticable signs of the spill. On Monday morning 02/01/2010, we televised the sewer main to find the cause of the blockage. Found the problem to be as describe above.
45 - Visual inspection results from impacted receiving water:	NA
*1.3 - Health warnings posted?	
46a - Name of impacted beach(es) (enter NA if not applicable):	
*46b - Name of impacted surface water(s) (enter NA if not applicable):	N/A
<b>Notification Details</b>	
47 - OES Control Number	
48 - OES Called Date/Time	
49 - Regional Water Quality Control Board notified date/time:	2010-01-30 18:05:00.0
50 - Method Notification:	Left message on answering machine
51 - Name of Staff Contacted:	
52 - Phone Number of Staff Contacted:	858-822-8344
53 - Other Agency Notified:	County Health
54 - Was any of this spill report information submitted via fax (or electronically) to the Regional Water Quality Control Board?	yes
55 - Date and time spill report information was	2010-02-01 09:30:00.0

submitted via fax (or electronically) to the Regional  
Water quality Control Board:

*NOTE: questions with "" are required to be answered to certify this report.*

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SSO - General Information

SSO Event ID:	775088	Regional Water Board:	9
Spill Location Name:	3000 block of Manchester Ave. cross Street Via Poco	Agency:	Encinitas City
WDID:	9SSO10650	Sanitary Sewer System:	City Of Encinitas CS
<b>Spill Date: 12/28/2011</b>			

General Info

Glossary of Terms

Note: Questions with "\*" are required to be answered to certify this report. Questions with prefix 1. do not exist in Category 2.

Locate the spill on map

Certified by Shawn Atherton on 2012-01-17 00:00:00.0

1 - Spill Type: SSO Category 1  
 2 - Version: Certified

Physical Location Details

\*3 - Spill location name: 3000 block of Manchester Ave. cross Street Via Poco  
 \*4 - Latitude of spill location: 33.01128  
 \*5 - Longitude of spill location: -117.26266  
 6 - Address: Manchester Avenue  
 12 - City: Cardiff by the Sea 13 - State: CA 14 - Zip: 92007  
 \*15 - County: San Diego  
 16 - Spill location description: Coming from sewer manhole located on the North/East corner of Manchester Ave at Via Poco  
 \*17 - Regional Water Quality Control Board: 9

Spill Details

\*18 - Spill appearance point: Gravity sewer;Manhole  
 19 - Spill appearance point explanation:  
 \*20 - Did the spill discharge to a drainage channel and/or surface water? Yes  
 \*21 - Did the spill reach a separate (i.e.,not combined) storm drainpipe? No  
 \*22 - If spill reached to a separate storm drainpipe, was all of the wastewater fully captured from the separate storm drain and returned to the sanitary sewer system? Not Applicable - Spill did not reach a separate storm drainpipe  
 \*23 - Private lateral spill? No  
 24 - Name of responsible party (for private lateral spill only, if known):  
 \*25 - Final spill destination: Other (specify below)  
 26 - Explanation of final spill destination: Spill was captured and contained in an open earthin swale, then recovered and returned to the sanitary sewer system. Water samples taken by the DEH confirmed that spill was fully contained and recovered.  
 \*27 - Estimated spill volume: 183600 gallons  
 \*28 - Estimated volume of spill recovered: 183600 gallons

*1.1 - Estimated volume of spill, that reached surface water, drainage channel, or not recovered from a separate storm drain:	183600 gallons
29 - Estimated current spill rate (if applicable):	0 gallons per minute
*30 - Estimated spill start date/time:	2011-12-28 11:45:00.0
*31 - Date and time sanitary sewer system agency was notified of or discovered spill:	2011-12-28 11:05:00.0
*32 - Estimated Operator arrival date/time:	2011-12-28 11:15:00.0
*33 - Estimated spill end date/time:	2011-12-29 01:30:00.0
*34 - Spill cause:	Pipe structural problem/failure
35 - Spill cause explanation:	Force main pipe failure at sewer pump station
36 - Where did failure occur?	Other (specify below)
37 - Explanation of Where failure occurred:	Olivenhain Pump Station, Force Main Pipe failure
38 - If spill caused by wet weather, choose size of storm:	
39 - Diameter of sewer pipe at the point of blockage or spill cause (if applicable):	10
40 - Material of sewer pipe at the point of blockage or spill cause (if applicable):	cast iron
41 - Estimated age of sewer pipe at the point of blockage or spill cause (if applicable):	1986
42 - Description of terrain surrounding the point of blockage or spill cause (if applicable):	
*43 - Spill response activities:	Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanitary sewer system
44 - Explanation of spill response activities:	We had 3 Atlas pumping trucks with a 5000 Gal capacity, 1 Atlas pumping truck with a 3500 Gal capacity and 7 Agency (2-City of Encinitas, 2-City of Carlsbad, 2-Leucadia Wastewater and 1 Santa Fe Irrigation) combination sewer trucks with an 1800 gallon capacity. Sewage Spill water was contained in an earthen swale and recovered by the equipment listed above, then returned to the sewer system.
*1.2 - Spill response completion date:	2011-12-29 11:15:00.0
45 - Visual inspection results from impacted receiving water:	No visual signs of spill, all spill water was captured and contained within an earthen swale, recovered and returned to the sewer system. Water samples taken by the DEH confirmed that the spill was fully contained and recovered.
*1.3 - Health warnings posted?	Yes
46a - Name of impacted beach(es) (enter NA if not applicable):	None
*46b - Name of impacted surface water(s) (enter NA if not applicable):	None
*1.6 - Is there an ongoing investigation?	No
*1.7 - Water quality samples analyzed for:	Biological indicator(s) - specify below;Other (specify below)
1.8 - Explanation of water quality samples analyzed for:	Bacteria Enterococcus, Fecal Coliform, and Total Coliform. All test results came back below the water quality standards.
*1.9 - Water quality sample results reported To:	County Health Agency
1.10 - Explanation of water quality sample results reported to:	The Water quality samples were taken by the County Health Agency.
*1.11 - Spill corrective action taken:	Plan rehabilitation or replacement of sewer;Repaired sewer
1.12 - Explanation of spill corrective action taken:	Temporary bypass pump system in place. Plans for permanent repair in design.
<b>Notification Details</b>	
47 - OES Control Number	117632
48 - OES Called Date/Time	2011-12-28 14:10:00.0

\*1.13 - County health agency notified: yes  
1.14 - Agency Name: San Diego Dept. of Evironmental Health  
1.15 - Method Notification: Telephone  
1.16 - Name of Staff Contacted: Left message  
1.17 - Phone Number of Staff Contacted: 858-495-5579  
1.18 - County health agency notified date/time: 2011-12-28 13:30:00.0  
49 - Regional Water Quality Control Board notified date/time: 2011-12-28 13:20:00.0  
50 - Method Notification: Telephone  
51 - Name of Staff Contacted: Chris Means  
52 - Phone Number of Staff Contacted: 858-637-5581  
53 - Other Agency Notified: CALEMA  
54 - Was any of this spill report information submitted via fax (or electronically) to the Regional Water Quality Control Board? no  
55 - Date and time spill report information was submitted via fax (or electronically) to the Regional Water quality Control Board:

*NOTE: questions with "" are required to be answered to certify this report.*

**Attachment 3**

**PLSD Public Report Detail Page**

**May 6, 2006 through February 23, 2012**

## PLSD Public Report - Detail Page

Here is the detail page of your PLSD public report search for the selected region, responsible agency, or collection system. These results correspond to the following search criteria:

### SEARCH CRITERIA: [\[REFINE SEARCH\]](#)

- 2 Region (9)
- 2 Spill Type (private\_cat1\_2)
- 2 End Date (2/23/2012)

The table below presents important details for all sewage discharge locations, as submitted through individual PLSD reports, which meet the search criteria selected. If data is not shown for a particular field, it means the Enrollee did not provide the information and was not required to do so. To view the entire PLSD report for a specific sewage discharge location, please select the corresponding EVENT ID.

### DRILLDOWN HISTORY:

REGION: 9

<u>EVENT ID</u>	<u>Region</u>	<u>Reporting Agency</u>	<u>Collection System</u>	<u>Private Lateral Sewage Discharge</u>	<u>PLSD Category</u>	<u>Start Date</u>	<u>PLSD City</u>	<u>PLSD Vol</u>	<u>Vol of PLSD Recovered</u>	<u>Vol of PLSD Reached Surface Water</u>	<u>PLSD Failure Point</u>	<u>WDID</u>
<a href="#">724490</a>	9	Encinitas City	City Of Encinitas CS	Yes	Category 1	2008-08-10 10:15:00.0	Encinitas	450	50	400	Failure/Blockage was between City sewer and Private Clean-out location	9SSO10650
<a href="#">734561</a>	9	Encinitas City	City Of Encinitas CS	Yes	Category 1	2009-03-03 16:10:00.0	Cardiff by the Sea	25	0	25	Private Sewer Lateral Clean Out	9SSO10650
<a href="#">740206</a>	9	Encinitas City	City Of Encinitas CS	Yes	Category 1	2009-06-29 07:20:00.0	Cardiff by the Sea	375	0	375	Private Sewer Lateral Clean Out	9SSO10650

The current report was generated with data as of: Tuesday, July 31, 2012

Attachment 4

"Sewer Related Customer Calls" Log

# SEWER Related

## Customer Calls

1. 10-11-10  
EMILY  
1038 COAST Hwy 101  
619-993-6089  
complaint Reached in clean out  
REMEDY - SENT BEN TAYLOR TO  
SITE, found problem to be on  
private property. Problem seems  
to be made of a building issue  
and not sewer.
2. Victor 60-64-10  
682 Clark St  
760-632-9256 or 760-509-5028  
Sewer backed up at house, plumber  
on site wants to know where main is  
Remedy - advised as to location of main
3. Kerry Smith 10-18-10  
2030 Manchester 818-933-1439  
House plumbing backed up when  
using wash machine,  
Remedy - cleaned out main  
problem still exists, advised homeowner to plumber

# WWC Customer calls

10-3-10  
4. ANDY ANDERSON - 858-442-9260  
699 N. VULCAN AVE  
Sand Bags placed near  
drainage channel.  
Remedy - advised private property owner  
to remove Sand Bags

12-2-10  
5. NEAL  
105 Village West  
858-756-5886  
ODOR COMPLAINT

6. PAUL KEE - 960-650-2692  
1844 MELBA DR  
has sewer line stoppage, <sup>wanted to know who</sup> clean  
advised, Homeowner is responsible for the lateral

11-9-10  
7. Sherry DeLachy - 760-672-2868  
2906 Lone Jack Rd  
clear water coming from  
pipe on property, but property is  
VACANT.

12-1-10  
8. [unclear] - 760-445-1777

check out property  
customer private later



8. Suzanne von-Thaden  
855 LA Mirada  
619-972-0634

Issue - possible lateral blockage  
please check and advise

9  
12-15-10

ANIMAL CONTROL OFFICES  
820 HYGEA AVE  
619 550 9939, Skunk in SD

10.

John Bjorneby 11-10-11  
1120 ISLAND VIEW LN  
Cardiff CA 92007  
760-931-1854

Drainage issue, nasty water  
coming from yard drain

11.

Lorrie Kuhle  
815 Santa Fe DR  
ENC 92024 702-737-6520

Drainage issue causing  
water to seep onto tennis court

12.

ENC Foreign Auto  
901 2nd St - 760-445-1272

Sewer back-up - check out property  
Found customer private later stopped.  
Advised to call plumbers

13.

ARMAN Paymal  
2053 Edenburg  
760-420-4488

Lateral plugged, roots in lateral  
we cleaned out main SWR and  
prob still occurring advised to  
call plumber

14.

DENNIS (prop manager) 1-11-2012  
1943 Cambridge

toilet backed up, cleaned main  
no problem found advised prop  
manager to call plumber

15

Jennifer  
3539 Jasmine crest near wildflower  
760-804-5279

check storm drain near mail boxes



# Wastewater Collection District Sewer Work Order

Work Order #: 66214

## SWR Jet Line

**Date Initiated:** 1/31/2010  
7:19:51 AM

**Initiated By:** CREW, RODDER

**Status:** OPEN

**Project:**

**Thomas Bros:**

**WorkZone:**

**Address:**

**Priority:** 3

**General Location:**

989 Sidonia Street. Thomas  
Guide Map Page #1147 D-4.  
ESD Map Page #D-5. Manhole  
#'s 3530, #3317, and #3316.

**GIS Asset Layer**

S\_MANHOLE

**FacilityID**

3317SMANHL

**Comments:**

By CREW, RODDER: 1/31/2010 11:21:54 AM  
Called by answering service at approximately 3:30PM on  
01/30/2010 regarding a sewer manhole plugged at 989  
Sidonia Street. Answering Service received call from Fire  
Department Communication Center. The contact number is  
(858) 756-3006. Contact person at Fire Communication  
Center is Shauna. The incident number is (5616). This  
information was provided by the answering service. Arrived at  
989 Sidonia Street.

By CREW, RODDER: 1/31/2010 9:52:40 PM  
Water was coming out of manhole #3317(ESD D-5). Manhole  
#3317(ESD D-5) was holding water. No water was coming out  
of this manhole. The downstream manhole from #3317(ESD  
D-5) is manhole #3530(ESD D-5). This manhole was not  
holding water and the line was flowing. The partial blockage  
was between manhole #3530 and #3317. The footage is 115  
feet. I jetted between manhole #3530 and #3317. I had the  
rake in the downstream section of manhole #3530. I broke the  
stoppage and let the water go down. I pulled the rake out of  
the manhole which had roots at the end of it.

By CREW, RODDER: 1/31/2010 9:57:08 PM  
I proceeded to recover the water that had spilled out of  
manhole #3316 by vacuuming it up. I estimated that  
approximately 42 gallons had spilled. I recovered  
approximately 15 gallons. These are estimates. Water had  
soaked into the ground in a grassy area next to 989 Sidonia  
Street. I washed down manhole #3316 and #3317.

By CREW, RODDER: 1/31/2010 10:01:11 PM  
After breaking the stoppage, recovering as much water as I  
could, and cleaning up the site, I proceeded to call Shawn  
Atherton(WWC Superintendent) to advise him of situation. I

**Instructions:**

## Wastewater Collection District Sewer Work Order

was instructed to call the County Health Department(858) 565-5255 and the Water Quality Control Board(858) 822-8344.

By CREW, RODDER: 1/31/2010 10:08:08 PM

I called the County Health Department at approximately 5:34PM. Contact person was Holly. I gave her all the information regarding the spill. She took my information including a contact number. The number I gave her was the WWC Duty Cell Number. At approximately 6:00PM, I received a call from Todd Burton. He is the County Health Haz-Mat Duty Man. I gave him the information regarding the spill. He instructed me to contact the homeowner at 989 Sidonia Street and explain to them that the field next to there home had soaked up some wastewater. No one was home.

By CREW, RODDER: 1/31/2010 10:26:30 PM

Contacted the Regional Board (858-822-8344 around 6:05 PM. I left a message on their answering machine. I left my name as well as contact number(WWC Duty Phone (760) 685-5541.

<b>STAFF/CONTRACTOR</b>	<b># Of Hours</b>	<b>Start Date/Time</b>	<b>Finish Date/Time</b>
TRANTALIS, LOUIS	4	2010-01-30 00:00:00	2010-01-30 00:00:00

<b>EQUIPMENT#</b>	<b>Equipment/Vehicle Description</b>	<b># Of Hours</b>	<b># Of Units</b>

<b>MATERIAL#</b>	<b>Material Description</b>	<b># of Units Used</b>	<b>Size/Specifications</b>

WO

Start Date: 1/30/2010

Finish Date: 1/30/2010

Closed By:

Attachment 6

City of Encinitas Department of Public Works Line Maintenance  
Report for SSO on November 13, 2009

**CITY OF ENCINITAS  
DEPARTMENT OF PUBLIC WORKS  
LINE MAINTENANCE REPORT**

O.T.

Date of 11-13-09

EDS		CSD		SBSD		ADMIN		SEJPA		ST DRAIN		SB STORM	
HRS	VEH	HRS	VEH	HRS	VEH	HRS	VEH	HRS	VEH	HRS	VEH	HRS	VEH
		3	267										
		1	100										

Operators	Direction Rodded	Activity Code	Work Code	Condition Code
John	U-Up Stream D-Downstream	1. P.M. Auger 2. P.M. Hydric 3. T.V. Inspection 4. Emergency 5. Other	H - Manhole L - Lateral M - Main X - Other B - Broken Rods	D - Odor G - Grease R - Rocks S - Sludge T - Roots X - Other
Louie				

Acc	Book	Page	Distance Between Manholes	Line	Dir	Act	Work	Cond	Distance Rodder (FT)	Comments
										Called out to 840 UAI service report of sewer coming out of manhole 445
										Called out Louie to assist
										Got to scene and yes sewer was coming out to west down stream checking manhole finally got to manhole 439 which is at El Camino Del Norte
										Jetted line 150 ft to blockage with 1 1/2" hose finally broke blockage
										then line & drain got first sized rock then put on water to 6' ran line twice full pressure got some roots
										Then went to yard to Gar. County Health Shawn called Regional Board
										Louie started clean up spill
										Then returned and assisted Louie with clean up

START TIME John 07:15 AM TO 11:15  
Louie 07:30 AM TO 10:30

Attachment 7

California Regional Water Quality Control Board San Diego Region Sanitary Sewer Overflow  
Report Form for the PLSD that occurred on August 8, 2008

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
SAN DIEGO REGION

SANITARY SEWER OVERFLOW REPORT FORM

06/13/2001

ALL ITEMS ARE REQUIRED TO BE ADDRESSED.

- 1. THIS REPORT IS (CIRCLE ONE): PRELIMINARY FINAL REVISED FINAL
- 2. SANITARY SEWER OVERFLOW SEQUENTIAL TRACKING NUMBER: PRIVATE Spill
- 3. REPORTED TO: JOANN COFRANCESCO - 858-637-5589 V.M.  
COUNTY HEALTH - OESD 858-565-3490 PAUL CANNAL  
(ENTER FAX, VOICE MAIL, OR NAME OF REGIONAL BOARD STAFF)
- 4. DATE REPORTED: 08/10/08 (MM/DD/YY)  
TIME REPORTED: 2:00 PM (MILITARY OR 24 HOUR TIME)
- 5. REPORTED BY: SHAWN ATHONSON
- 6. PHONE: (760) 753-5018
- 7. REPORTING SEWER AGENCY: CITY OF ENCINITAS
- 8. RESPONSIBLE SEWER AGENCY: SEA CREST APARTMENTS
- 9. OVERFLOW START: DATE: 08/10/08 (MM/DD/YY) MONA @ 760-436-1806  
TIME: 10:15 AM (MILITARY OR 24 HOUR TIME)
- 10. OVERFLOW END: DATE: 08/10/08 (MM/DD/YY)  
TIME: 11:00 AM (MILITARY OR 24 HOUR TIME)
- 11. ESTIMATED OVERFLOW FLOW RATE: 10 GPM (GALLONS PER MINUTE)
- 12. TOTAL OVERFLOW VOLUME: 450 (GALLONS)
- 13. OVERFLOW VOLUME RECOVERED: 50 (GALLONS)
- 14. OVERFLOW VOLUME RELEASED TO ENVIRONMENT: 400 (GALLONS)

SANITARY SEWER OVERFLOW LOCATION AND DESCRIPTION:

- 15. STREET: 117 ROSEBAY DR  
CITY: ENCINITAS ZIP CODE: 92024
- 16. COUNTY: SD (SD, RI, OR)



17. SANITARY SEWER OVERFLOW STRUCTURE I.D.:

PRIVATE Sewer clean out

18. NUMBER OF OVERFLOWS WITHIN 1000 FT. OF THIS LOCATION IN PAST 12 MONTHS 0

19. DATES OF OVERFLOWS WITHIN 1000 FT OF THIS LOCATION IN PAST 12 MONTHS

NONE KNOWN OF

20. OVERFLOW CAUSE --SHORT DESCRIPTION -- CIRCLE ONE

- ROOTS                      GREASE                      LINE BREAK                      INFILTRATION
- ROCKS                      BLOCKAGE                      POWER FAILURE                      PUMP STATION FAILURE
- DEBRIS                      VANDALISM                      FLOOD DAMAGE                      MANHOLE FAILURE
- OTHER                      UNKNOWN                      CONSTRUCTION                      PRIVATE PROPERTY

21. OVERFLOW CAUSE -- DETAILED DESCRIPTION OF CAUSE

PRIVATE 6" SEWER LINE SERVING THE SEA CREST APTS., cause assumed to be roots.

22. SANITARY SEWER OVERFLOW CORRECTION -- DESCRIPTION OF ALL PREVENTATIVE AND CORRECTIVE MEASURES TAKEN OR PLANNED.

THIS WAS A PRIVATE SEWER SPILL, PROPERTY MANAGER WAS ADVISED TO START A MAINT. PROGRAM FOR THEIR SEWER SYSTEM

23. WAS THERE MEASURABLE PRECIPITATION DURING 72-HOUR PERIOD PRIOR TO THE OVERFLOW? N (Y OR N)

**INITIAL AND SECONDARY RECEIVING WATERS:**

24. DID THE SANITARY SEWER OVERFLOW ENTER A STORM DRAIN? Y (Y OR N)
25. DID THE SANITARY SEWER OVERFLOW REACH SURFACE WATERS OTHER THAN A STORM DRAIN? Y (Y OR N)
26. NAME OR DESCRIPTION OF INITIAL RECEIVING WATERS. (IF NONE, TYPE NONE)  
STORM DRAIN
27. NAME OR DESCRIPTION OF SECONDARY RECEIVING WATERS. (IF NONE, TYPE NONE)  
COTTON WOOD CREEK
28. IF THE SANITARY SEWER OVERFLOW DID NOT REACH SURFACE WATERS, DESCRIBE THE FINAL DESTINATION OF SEWAGE.  
-----

**NOTIFICATION:**

29. WAS THE LOCAL HEALTH SERVICES AGENCY NOTIFIED? Y (Y OR N)
30. IF THE OVERFLOW WAS OVER 1,000 GALLONS, WAS THE OFFICE OF EMERGENCY SERVICES (OES) NOTIFIED? Y (Y OR N) (NOT APPLICABLE, ENTER NA)

**AFFECTED AREA POSTING:**

31. WERE SIGNS POSTED TO WARN OF CONTAMINATION? N (Y OR N)
32. LOCATION OF POSTING (IF POSTED): N/A
33. HOW MANY DAYS WERE THE WARNING SIGNS POSTED? \_\_\_\_\_
34. REMARKS:

COUNTY HAZMAT PERSON, DAVE CAMMALL WILL NOTIFY LIFE GUARDS IF BEACH IS TO BE POSTED.

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NOTES:

- 1) FOR DESCRIPTIONS AND CLARIFICATIONS OF ALL ITEMS ON THIS FORM, REFER TO ORDER NO. 96-04 AS AMENDED, INCLUDING THE DOCUMENT ENTITLED, "REQUIRED FIELDS FOR ORDER NO. 96-04 QUARTERLY SUMMARY REPORT."
- 2) IF THE SANITARY SEWER OVERFLOW EVENT RESULTS IN A DISCHARGE OF 1,000 GALLONS OR MORE, OR IN A DISCHARGE TO SURFACE WATERS, THIS FORM MUST BE RECEIVED BY THE REGIONAL BOARD NO LATER THAN FIVE DAYS AFTER THE OVERFLOW START DATE.

The following certification must be completed with the five-day notice:

*I swear under penalty of perjury that the information submitted in this document is true and correct. I certify under penalty of perjury that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.*

SL  
Signature

SHAWN Atherton  
Name

Utility Supt.  
Title

08-11-08  
Date

# FAX

TO: CLAY CLIFTON & ERIC Steenblock

OF: county Health & city of ENCINITAS

RE: PRIVATE SEWER SPILL REPORT

FAX # 858-694-3670 & 760-633-2818

FROM:

SHAWN Atherton

OF: city of ENCINITAS

PHONE: 760-753-5018

Oliverhan PS failure 12-28-11

①

~~11:35 AM~~

Christopher Means

9099 11.05

②

12-28-11, 11:05 AM

③

Ben Taylor

4

760-753-508

5

Encinitas, Calif

6

12-28-11 - 11:45 AM

7

12-28-11 - 1:30 AM

8

12-29-11

9

3000 blk Manchester ave, Y Street - Via Poco

10

ENCINITAS

11

S. Diego County

12

94024

13

1501

14

SMH #

15

Pump station failure

16

17

18 P.S. discharge pipe broke just outside station  
21' deep causing flow to surface, shut down  
Station.

19 City crews contained sewage in open ditch along  
Manchester ave, dugged 3 drain to keep containment,  
Vaccumed all water from ditch, Atlas Pumping  
Services on site vacuuming from manhole # 1501 &  
from wetwell at P station.

20 ? soaked into dirt.

21 yes

Escandib creek, San Elije Lagoon

22 NONE

23 soaked into soil

25 yes

26 yes

27 yes by DEH on State Lifeguards

28 N/A

29 Samples taken by DEH awaiting results

M/R  
2/24/12

John Clark  
OES

Red 4756

1:50 pm

PO  
min

Uber

Message

Message

Someone

Ru-005

Christina Mear

1:45 Scott Pearson C Health

Bob Brad Long COMA

2:10 Contland OES Health

Manchester ave

3/6/12

11-7632

back

4:17 PM Scott R. Check in Am

12-24-11

Ewan DEN

3 PM 1 sample taken awaiting results  
looked good to him