



CITY OF IONE CITY COUNCIL STAFF REPORT



FOR THE MEETING OF: APRIL 7, 2009

DATE: APRIL 3, 2009

TO: HONORABLE MAYOR ARD AND CITY COUNCIL

FROM: KIMBERLY A. KERR, CITY MANAGER

SUBJECT: UPDATE ON WASTEWATER REPORTS TO STATE REGIONAL WATER BOARD

RECOMMENDED ACTION:

That the City Council Receive and file staff report on the City's filing of the required reports for the Wastewater Treatment Plant and Castle Oaks Golf Course with the Regional Board and update.

SOURCE OF FUNDING: Sewer Fund - 07

DISCUSSION:

The March reports for Wastewater Treatment Plant and Castle Oaks Water Reclamation Plant were due on April 1st. The report for the Wastewater Treatment Plant was submitted on March 20, 2009 and the Castle Oaks Water Reclamation Plant report was submitted on March 23, 2009.

Condor Earth Technologies will be performing quarterly samples for the Castle Oaks Water Reclamation Plant after the City Council approved their contract on March 17th. Condor Earth Technologies is already under contract to perform the quarterly samples for the Wastewater Treatment Facility.

The City has not received any correspondence from the Central Valley Regional Water Quality Control Board (CVRWQCB) after submittal of the correspondence in January 2009 in response to the Notice of Violation. The City is current on all reports.

TYPE OF ITEM:
 Consent
 Departmental
 Public Hearing
 Other _____

PREVIOUS ACTION/REFERRAL:

Council Order No. _____

Meeting of: _____

City Council for the City of Ione

Upon motion of Council Member
Seconded by Council Member

And carried _____ by those members present,
The Council hereby adopts the recommended action contained in this report.

Dated: _____

Janice Traverso, City Clerk

By: _____

The City did have a sewer overflow that occurred on March 16, 2009. City staff made the required notifications and has finalized the report to the CVRWQCB as required. A copy of the report and supporting documentation is attached for your review.

FISCAL IMPACT:

The costs for testing and correspondence to the Regional Board are unknown at this time, but should be less than \$5,000. The costs include collecting samples, testing costs, review by the Chief Wastewater Operator and Wastewater Engineer and review of the correspondence to the Regional Board by the City Attorney and City Manager. The Regional Board could issue a Notice of Violation on this issue pending submittal of the City's notice of overflow and our response.

OTHER AGENCY INVOLVEMENT:

Chief Wastewater Operator, Bob Godwin from Lee & Ro, and City Attorney

ALTERNATIVES TO STAFF RECOMMENDATION:

No alternative

ATTACHMENTS:

List of Reports and Status – 2009 WWTP and 2009 COWRP
Sewer Overflow Report – March 16, 2009

Reports for Wastewater Treatment Facility for Calendar Year 2009

Type of Report	Due Date	Submittal Date	Days Late	Responsible Party
Monthly Report-Sewer-Jan	1-Mar-09	24-Feb-09	0	Chief Operator
Monthly Report-Sewer-Feb	1-Apr-09	20-Mar-09	0	Chief Operator
Compliance Status Report 1st Qtr	15-Apr-09			Chief Operator
Monthly Report-Sewer-Mar	1-May-09			Chief Operator
Groundwater Monitoring Report - 1st Qtr	1-May-08			Condor Earth
Monthly Report-Sewer-Apr	1-Jun-09			Chief Operator
Monthly Report-Sewer-May	1-Jul-09			Chief Operator
Compliance Status Report	15-Jul-09			Chief Operator
Monthly Report-Sewer-Jun	1-Aug-09			Chief Operator
Groundwater Monitoring Report - 2nd Qtr	1-Aug-09			Condor Earth
Monthly Report-Sewer-Jul	1-Sep-09			Chief Operator
Monthly Report-Sewer-Aug	1-Oct-09			Chief Operator
Compliance Status Report	15-Oct-09			Chief Operator
Monthly Report-Sewer-Sep	1-Nov-09			Chief Operator
Groundwater Monitoring Report - 3rd Qtr	1-Nov-09			Condor Earth
Monthly Report-Sewer-Oct	1-Dec-09			Chief Operator
Monthly Report-Sewer-Nov	1-Jan-10			Chief Operator
Compliance Status Report 4th Qtr	15-Jan-09			Chief Operator
Annual Report 2008	1-Feb-10			Chief Operator
Monthly Report-Sewer-Dec	1-Feb-10			Chief Operator
Groundwater Monitoring Report - 4th Qtr	1-Feb-10			Condor Earth
Report of Waste Discharge	As needed			Lee & Ro
Total	21			

Reports for COWRP Facility for Calendar Year 2009

Type of Report	Due Date	Submittal Date	Days Late	Responsible Party
Monthly Report-Sewer-Jan	1-Mar-09	24-Feb-09	0	Chief Operator
Monthly Report-Sewer-Feb	1-Apr-09	23-Mar-09	0	Chief Operator
Monthly Report-Sewer-Mar	1-May-09			Chief Operator
Groundwater Monitoring Report - 1st Qtr	1-May-09			Lee & Ro
Monthly Report-Sewer-Apr	1-Jun-09			Chief Operator
Monthly Report-Sewer-May	1-Jul-09			Chief Operator
Monthly Report-Sewer-Jun	1-Aug-09			Chief Operator
Groundwater Monitoring Report - 2nd Qtr	1-Aug-09			Lee & Ro
Monthly Report-Sewer-Jul	1-Sep-09			Chief Operator
Monthly Report-Sewer-Aug	1-Oct-09			Chief Operator
Monthly Report-Sewer-Sep	1-Nov-09			Chief Operator
Groundwater Monitoring Report - 3rd Qtr	1-Nov-09			Lee & Ro
Monthly Report-Sewer-Oct	1-Dec-09			Chief Operator
Monthly Report-Sewer-Nov	1-Jan-10			Chief Operator
Annual Report 2008	1-Feb-10			Chief Operator
Monthly Report-Sewer-Dec	1-Feb-10			Chief Operator
Groundwater Monitoring Report - 4th Qtr	1-Feb-10			Lee & Ro
Report of Waste Discharge	As needed			Lee & Ro
Total Number		17		

30 March 2009

City of Ione
Wastewater Division
Spill of 16 March 2009

Notification Summary

Immediate notification of this incident was verbally provided to the following agencies at the specified times:

- OES, 1638 hrs, 3/16/09, Control Number 09-2301 (Copy Attached);
- Amador County Health Department, 1640 hrs, 3/16/09;
- RWQCB, 1650 hrs, 3/16/09.

The CIWQS report was submitted and certified on 3/16/09, SSO Event Id 75314, Certification Id, 137632. (Copy Attached)

Timeline

3/16/09 1618 hrs: Notification of SSO to response team from City Hall
3/16/09 1620 hrs: Pumper truck contractor called by staff
3/16/09 1625 hrs: Sewer Flushing contractor called by staff
3/16/09 1625 hrs: Response staff on site
3/16/09 1635 hrs: Pumper truck on site
3/16/09 1640 hrs: Overflow stopped by pumper truck
3/16/09 1845 hrs: Flusher truck arrived
3/16/09 1930 hrs: Blockage cleared, clean up completed

Discussion

Manhole #3744, located at the intersection of Foothill Blvd. and Upton Lane, is downstream of only six residences, so it does not receive a lot of flow. The cause of the overflow was a blockage in the sewer line.

Approximately 1000 gallons was pumped from the sewer line to abate the overflow prior to clearance of the blockage.

The destination of the water that overflowed was the unpaved drainage on the south sided of Foothill Blvd. All standing water in the drainage affected by the spill was recovered. The original spill estimate of 15 gallons was based on the visible standing water at the time of response. Based on review of the pictures from the occurrence (see attached photo log), we believe that the original spill estimate may have been too conservative. It is possible that up to 150-200 gallons may have overflowed. A local resident stated that the overflow had commenced a few hours earlier than 1618 hrs, the time the incident was reported to the City.

During the video survey of the collection system conducted in 2005-2006, the precise point of the blockage had been identified as the location of an offset sewer line. Mud was noted as a component of the materials released when the blockage was cleared, signifying a potentially deteriorating condition.

Planned Follow-up

This location will be re-inspected, and if the line is determined to warrant repair, it will be included in a forthcoming sewer repair project. Pending that determination, weekly inspection of flow conditions at the location will be conducted.

CITY OF IONE SSO 3/16/09 PHOTO LOG

Manhole 3477 on Foothill Blvd. at Upton Lane



1651 hrs, about 10 minutes after spill was stopped. S. side Foothill Blvd.



1709 hrs, S. side of Foothill, outfall from drainage culvert that traverses road.



1710 hrs, S. side of Foothill, looking up towards drainage culvert that traverses road.



1711 hrs, S. side of Foothill, looking up from drainage culvert that traverses road.



1712 hrs, N. side of Foothill, inlet to drainage culvert that traverses road.



1713 hrs, Manhole # 3744, pumper truck still in position to prevent further overflow.

CITY OF IONE SSO 3/16/09 PHOTO LOG

Manhole 3477 on Foothill Blvd. at Upton Lane



1751 hrs, culvert outlet S. side of Foothill, with temporary dam pictured.



1752 hrs, below culvert outlet S. side of Foothill, with second temporary dam pictured.



1757 hrs, culvert outlet S. side of Foothill, as pumping of residual stormwater mixed with wastewater is completed.



No time noted, culvert outlet S. side of Foothill, post-pumping.

SSO - General Information [?](#) [SSO Menu](#)

SSO Event ID:	735314	Regional Water Board:	Region 5S - Sacramento
Spill Location Name:	Manhole # 3744 at Intersection Foothill Blvd. and Upton Lane	Agency:	Ione City
		Sanitary Sewer System:	City Of Ione CS

[General Info](#) [Spill Related Parties](#) [Attachments](#)**Certified by Julio Guerra (Chief WW Operator) on 03/22/2009 at Ione, CA**
(Certification ID 137632)

Note: Questions with "*" are required to be answered to certify this report.

SSO Type: Category 1
Version: 1**Physical Location Details***** Spill location name:** *** Latitude of spill location:** deg. min. sec. OR decimal degrees*** Longitude of spill location:** deg. min. sec. OR decimal degrees**Street number:** **Street direction:** **Street name:** **Street type:** **Suite/Apt:** **Cross street:** **City:** **State:** **Zip:** *** County:** **Spill location description:**
(Use attachment if location description is more than 2000 characters)
*** Regional Water Quality Control Board:** **Spill Details***** Spill appearance point:** **Spill appearance point explanation:**
(Required if spill appearance point is "Other")
*** Did the spill discharge to a drainage channel and/or surface water?** ([View History](#))*** Did the spill reach a storm drainpipe?** ([View History](#))*** If spill reached to a storm drainpipe, was all of the wastewater fully captured and returned to the sanitary sewer system?** ([View History](#))

* Private lateral spill?

No (View History)

Name of responsible party (for private lateral spill only, if known):

* Final spill destination:

(Hold Ctrl key to Select Multiple answers from the list)

Storm drain
Street/curb and gutter
Surface water
Unpaved surface (View History)

Explanation of final spill destination:

(Required if final spill destination is "Other")

* Estimated spill volume:

15 gallons (View History)

* Estimated volume of spill recovered:

100 gallons (View History)

* Estimated volume of spill that reached surface water, drainage channel, or not recovered from a storm drain:

15 gallons (View History)

Estimated current spill rate (if applicable):

0 gallons per minute

* Estimated spill start date/time:

03/16/2009 16:00 Date Format: MM/DD/YYYY

* Date and time sanitary sewer system agency was notified of or discovered spill:

03/16/2009 16:18 Date Format: MM/DD/YYYY

* Estimated Operator arrival date/time:

03/16/2009 16:25 Date Format: MM/DD/YYYY

* Estimated spill end date/time:

03/16/2009 16:40 Date Format: MM/DD/YYYY

* Spill cause:

Root intrusion

Spill cause explanation:

(Required if spill Cause is "Other")

Where did failure occur?

Main

Explanation of Where Failure Occurred:

(Required if Where Failure Occurred is "Other")

If spill caused by wet weather, choose size of storm:

Diameter of sewer pipe at the point of blockage or spill cause (if applicable):

6 inches

Material of sewer pipe at the point of blockage or spill cause (if applicable):

Clay

Estimated age of sewer pipe at the point of blockage or spill cause (if applicable):

25

Description of terrain surrounding the point of blockage or spill cause (if applicable):

Mixed

* Spill response activities:

(Hold Ctrl key to Select Multiple answers from the list)

Cleaned-up (mitigated effects of spill)
Contained all or portion of spill
Inspected sewer using CCTV to determine cause
Restored flow

Explanation of spill response activities:

(Required if spill response activities is "Other")

* Spill response completion date:

03/16/2009 19:30 Date Format: MM/DD/YYYY

Visual inspection results from impacted receiving water:

* Health warnings posted?

* Name of impacted beach(es) (enter NA if not applicable):

* Name of impacted surface water(s) (enter NA if not applicable):

* Is there an ongoing investigation?

* Water quality samples analyzed for: (Hold Ctrl key to Select Multiple answers from the list)

Explanation of water quality samples analyzed for: (Required if water quality samples analyzed for is "Other chemical indicator(s)", "Biological indicator(s)", or "Other")

* Water quality sample results reported To: (Hold Ctrl key to Select Multiple answers)

Explanation of water quality sample results reported to: (Required if water quality sample results reported to is "Other")

* Spill corrective action taken: (Hold Ctrl key to Select Multiple answers from the list)

Explanation of spill corrective action taken: (Required if spill corrective action is "Other")

Overall Spill Description: (Maximum 3932 characters with spaces)

Notification Details

OES Control Number (Required for Category 1 - see SSO Monitoring and Reporting Program Requirements):

OES Called Date/Time (Required for Category 1 - see SSO Monitoring and Reporting Program Requirements): : Date Format: MM/DD/YYYY

* County health agency notified:

Agency Name

Method Notification

Name of Staff Contacted

Phone Number of Staff Contacted

County health agency notified date/time: (required if County health agency notified is "Yes") : Date Format: MM/DD/YYYY

Regional Water Quality Control Board notified date/time: : Date Format: MM/DD/YYYY

Method Notification

Name of Staff Contacted

Phone Number of Staff Contacted

Other Agency Notified:

Was any of this spill report information submitted via fax to the Regional Water Quality Control Board?

Date and time spill report information was submitted via fax to the Regional Water quality Control Board: Date Format: **MM/DD/YYYY**
(required if spill report information submitted via fax to Regional Water Board is "Yes")

Note: Questions with "" are required to be answered to certify this report.*

Subject: SSO Report is Certified (SSO Event ID 735314)

Date: Sunday, March 22, 2009 6:45 PM

From: sbsso@waterboards.ca.gov

To: Kim Kerr <ctyadm@ione-ca.com>, Julio S Guerra <jstanford@earthlink.net>, <rb5ssso@waterboards.ca.gov>, <wastewater@ione-ca.com>

The following SSO Report has been certified:

SSO Event ID: 735314

SSO Event Type: Category 1

Agency: Ione City

Sanitary Sewer System: City Of Ione CS

Location Name: Manhole # 3744 at Intersection Foothill Blvd. and Upton Lane

Location Address:

Location City: Ione

Zip Code: 95640

Location County: Amador

Reached Surface Water: Yes

Reach Storm Drainpipe: No

Spill reached storm drainpipe and return to sanitary sewer system: Not Applicable - Spill did not reach storm drainpipe

Estimated spill volume: 15

Spill Start Date/Time: 03/16/2009 16:00

Spill End Date/Time: 03/16/2009 16:40

Certified Person Name: Julio Guerra

Certified Person Title: Chief WW Operator

Certified Date: 03/22/2009

To review the above SSO report, log into the CIWQS system using the following URL:

<http://ciwqs.waterboards.ca.gov/ciwqs>

