

ELEMENT 10. SSMP PROGRAM AUDITS

This SSMP element describes the audit that the City will conduct for the SSMP Program Audits element of the WDRs. The major items discussed in this element are as follows:

- Regulatory Requirements
- SSMP Program Audits

REGULATORY REQUIREMENTS

The requirement for the SSMP Program Audits element of the WDRs are listed in Table 10-1.

Table 10-1. SSMP Program Audit Requirements

WDR Paragraph Number	Description of Requirement	Required Component
D-13-(x)	City of Vacaville SSMP Program Audits	As part of the SSMP, the Enrollee shall conduct periodic internal audits, appropriate to the size of the system and the number of SSOs. At a minimum, these audits must occur every two years and a report must be prepared and kept on file. This audit shall focus on evaluating the effectiveness of the SSMP and the Enrollee’s compliance with the SSMP requirements identified in this subsection (D.13.), including identification of any deficiencies in the SSMP and steps to correct them.

SSMP PROGRAM AUDITS

The City conducts internal audits on the implementation of its SSMP, as required by WDR D-13-x. The Utilities Department SSMP Program Manager, in conjunction with Public Works and Utilities Department staff, completes the audit of each element of the SSMP.

An Audit has been conducted periodically every two years (after the August 2, 2009, adoption of the SSMP by City Council) and includes an Executive Summary with a table of new recommendations based on an analysis of each element of the SSMP. The effectiveness of the SSMP is also evaluated based on the performance indicator information described in Element 9, Monitoring, Measurement, and Program Modifications (MMPM). The performance indicators are delineated on the Annual SSOs by Category Spreadsheet and the current SSO (2007-2018) GIS Maps.

The City complies with all State Water Board reporting requirements and has a well-established record that describes its collection system operation, maintenance, and emergency response. The City continues to use the information provided under the SSO

reports to monitor trends and problem areas. The SSMP is used as an additional tool to correct deficiencies and forecast other problems when possible. The SSO categories were changed in September 2013 per WQ 2013-58-EXEC, but the number of SSOs remains minimal compared to the State average and were mostly Category 2 spills before September 2013 and Category 3 spills after September 2013. Nevertheless, the City has shown prudent management of the collection system using trained personnel, adequate CIP and O&M budgets, current safety procedures, equipment maintenance, and established standards, guidelines and policies.

The City's historical compliance with the WDRs in implementing the SSMP self-audit is evident beginning with the 2009-2010 audit (certified 2011), the 2011-2012 audit (certified 2013), the 2013-2014 audit (certified 2015) and most recently, the 2015-2016 (certified 2017). The 2017-2018 self-audit is made part of this SSMP re-certification process as both processes are due by July 2019. All of the audits are available for review at the Utilities Department Administration Building.

EXHIBIT 10-A



CITY OF VACAVILLE

650 MERCHANT STREET
VACAVILLE, CALIFORNIA 95688-6908
www.cityofvacaville.com

LEN AUGUSTINE
Mayor

CURTIS HUNT
Vice Mayor

108-9
DILENNA HARRIS
Councilmember

MITCH MASHBURN
Councilmember

RON ROWLETT
Councilmember

ESTABLISHED 1850

City of Vacaville Sewer System Management Plan (SSMP)

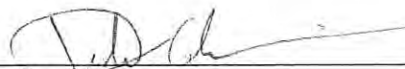
Developed in compliance with Waste Discharge Requirement Water Quality Order No. 2006-003

2015 – 2017 SSMP Audit

Approved By:

Royce Cunningham, P.E.
Director of Utilities

Justen Cole, P.E.
Interim Director of Utilities



Signature

5-3-18

Date

Approval Recommended By:

Stephen L. Sawyer, P.E.
Assistant Director of Utilities
Reviewer



Signature

4-26-18

Date

Justen Cole, P.E.
Assistant Director of Utilities
Reviewer



Signature

3/22/18

Date

Tony Pirondini
Water Quality Manager
Reviewer

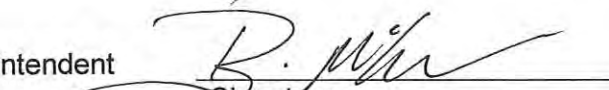


Signature

3/22/18

Date

Brian McClean
Public Works Superintendent
Reviewer



Signature

5/01/18

Date

Jeff Cooley
Utilities Operation Manager
Reviewer




Signature

3-22-18

Date

Miguel Medina, EIT
Engineering Specialist II
Preparer



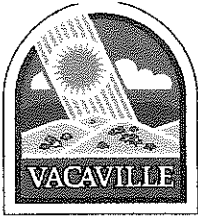
Signature

3/10/18

Date

December 27, 2017

EXHIBIT 10-B



ESTABLISHED 1850

CITY OF VACAVILLE

650 MERCHANT STREET
VACAVILLE, CALIFORNIA 95688-6908
www.cityofvacaville.com

LEN AUGUSTINE
Mayor

CURTIS HUNT
Vice Mayor

DILENNA HARRIS
Councilmember

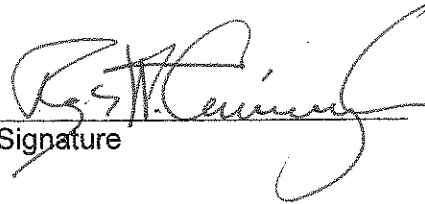
MITCH MASHBURN
Councilmember

RON ROWLETT
Councilmember

City of Vacaville Sewer System Management Plan (SSMP) Developed in compliance with Waste Discharge Requirement Water Quality Order No. 2006-003

Approved By:

Royce Cunningham, P.E.
Director of Utilities



Signature Date 8/31/15

Approval Recommended By:

Stephen L. Sawyer, P.E.
Assistant Director of Utilities
Reviewer




Signature Date 8-17-15

Tony Pirondini
Water Quality Manager
Reviewer



Signature Date 8/18/15

Patrick Kinney
Public Works Manager
Reviewer



Signature Date 8-24-15

Justen Cole, P.E.
Senior Civil Engineer
Reviewer



Signature Date 8-18-15

Miguel Medina, EIT
Engineering Specialist II
Preparer



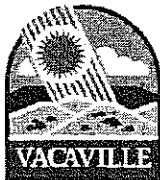
Signature Date 8/14/15

July 31, 2015

EXHIBIT 10-C



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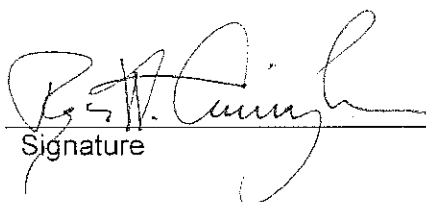
2011 - 2013 Audit Report

Utilities Department
Easterly Wastewater
Treatment Plant
6040 Vaca Station Rd
Elmira, CA 95625
707-469-6400

City of Vacaville Sewer System Management Plan (SSMP) Developed in compliance with Waste Discharge Requirement Water Quality Order No. 2006-003

Approved By:


Royce Cunningham, P.E.
Director of Utilities



Signature Date 8/8/13

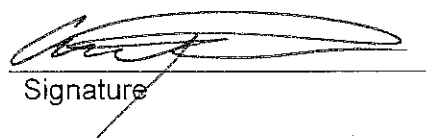
Approval Recommended By:

Stephen L. Sawyer, P.E.
Interim Assistant Director of
Utilities



Signature Date 8-7-13

Tony Pirondini
Interim Water Quality Manager
Reviewer



Signature Date 8/5/13

Patrick Kinney
Public Works Manager
Reviewer



Signature Date 8-7-13

Justen Cole, P.E.
Associate Civil Engineer
Reviewer



Signature Date 8-5-13

Christopher P. Bailey, P.E.
Associate Civil Engineer
Preparer

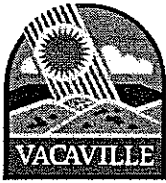


Signature Date July 31, 2013

July 31, 2013

ADMIN
C.Bailey

EXHIBIT 10-D



2009 - 2011 Audit

Utilities Department
Easterly Wastewater
Treatment Plant
6040 Vaca Station Rd
Elmira, CA 95625
707-469-6400

City of Vacaville Sewer System Management Plan (SSMP) Developed in compliance with Waste Discharge Requirement Water Quality Order No. 2006-003

Approved By:

Rod Moresco, P.E.
Interim Director of Utilities

Signature

8/9/11
Date

Approval Recommended By:

Royce W. Cunningham, P.E.
Assistant Director of Utilities

Signature

8/8/11
Date

Stephen L. Sawyer, P.E.
Senior Civil Engineer
Reviewer

Signature

8-8-11
Date

Vicki Shidell
Water Quality Manager
Reviewer

Signature

8/4/11
Date

Christopher P. Bailey, P.E.
Associate Civil Engineer
Preparer

Signature

8/2/11
Date

July 31, 2011