

LIST OF SIGNIFICANT REVISIONS
TO
SEWER SYSTEM MANAGEMENT PLAN
LAST UPDATED SEPTEMBER 2013

Introduction

Subsection A. Sewer System Management Plan:

1. Revised to reflect latest amendments to State Water Resources Control Board Order Number 2006-0003, dated May 2, 2006.

Subsection B. Sanitary Sewer System Facilities

1. Updated system size in both text and tables using latest City GIS data.
2. Table I-2, Added Total Linear Feet in new column for each material type
3. Reformatted section to improve clarity

Subsection C. Definitions, Acronyms, and Abbreviations

1. Reformatted and added missing abbreviations and definitions.

Element I. Goals

1. Changed section title from “Section I” to “Element I.”

Subsection B. Regulatory Requirements

1. Deleted first paragraph titled “RWQCB Guidance.”

Subsection C. Goals for Wastewater Collection System

1. Minor text edits to improve clarity.

Element II. Organization

1. Changed section title from “Section II” to “Element II.”

Subsection A. Introduction

1. Deleted reference to RWQCB (Element 2) requirements.

Subsection B. Regulatory Requirements

1. Deleted first paragraph titled “RWQCB Guidance.”

2. Changed former second paragraphs title from “SWRCB Requirement” to “State GWDR Requirement.”
3. Updated contact reference from “California Emergency Management Agency” to “California Office of Emergency Services.”

Subsection C. Organization and Staffing

1. Updated telephone numbers in Table II-1 titled “Contact Numbers for Key ESD Positions.”
2. Added language to reflect additional Crew Assignments related to CCTV inspection and condition assessment workload.
3. Minor clarifying edits in “Legally Responsible Official” and “Responsibility for SSMP Implementation” paragraphs.
4. Added Table II-2, “City Staff Responsibility for SSMP Elements.”

Element III. Legal Authority

1. Changed section title from “Section III” to “Element III.”

Subsection B. Regulatory Requirements

1. Deleted first paragraph titled “RWQCB Guidance.”
2. Changed second paragraph title from “GWDR Requirement” to “State GWDR Requirement.”

Subsection C. Sunnyvale Municipal Code

1. Deleted “Control infiltration and inflow (I/I) from private service laterals (RWQCB Guidance) from Requirements column in Table III-1, “Summary of Legal Authorities in Municipal Code and Other Sources.”
2. Minor clarifying text revisions.

Element IV. Operations and Maintenance Program

1. Changed section title from “Section IV” to “Element IV.”

Subsection B. Regulatory Requirements

1. Deleted first paragraph titled “RWQCB Guidance (Measures and Activities),” items (a) through (g).
2. Changed second paragraph title from “GWDR Requirement (Operations and Maintenance)” to “State GWDR Requirement (Operations and Maintenance).”

Subsection C. Operations and Maintenance Program

1. Under “Collection System Maps,” added text related to process for updating City’s GIS maps with field verified data.
2. Under “Preventative Operations and Maintenance,” provided additional information related to crew assignments.
3. Under ‘Gravity Sewers,’ provided additional detail on City’s cleaning activities and maintenance frequency and schedules.
4. Revised the number of manholes in the City upward based on latest GIS information.
5. Minor text updates and revisions.
6. New subsection heading “CCTV Inspection” added and text revised and updated to reflect significant changes in City’s CCTV program since 2012 update.
7. New subsection heading “Rehabilitation and Replacement” added for clarity.
8. Subsection “Wastewater Pump/Lift Stations” title changed to “Wastewater Pump/Lift Stations Inspections and Maintenance”
9. Under “Wastewater Pump/Lift Stations Inspections and Maintenance” provided additional detail on pump station capabilities, as well as City’s cleaning and maintenance activities, frequency and schedules.
10. Under “Rehabilitation and Replacement Program,” minor text updates and revisions.
11. Under “Training,” minor text updates and revisions including additional information related to SSMP and OERP training schedule.

Element V. Design and Performance Provisions

1. Changed section title from “Section V” to “Element V.”

Subsection B. Regulatory Requirements

1. Deleted first paragraph titled “RWQCB Guidance (Design and Construction Standards),” items (a) and (b).
2. Changed second paragraph title from “GWDR Requirement (Design and Performance Provisions)” to “State GWDR Requirement (Design and Performance Provisions).”

Subsection C. Design and Construction Standards

1. Minor text updates and revisions

Element VI. Sanitary Sewer Overflow Response Plan

1. Changed section title from “Section VI” to “Element VI.”

Subsection B. Regulatory Requirements

1. Deleted first paragraph titled “RWQCB Guidance,” in its’ entirety.

2. Changed second paragraph title from “GWDR Requirement” to “State GWDR Requirement.”

Subsection C. Sanitary Sewer Overflow Response

1. Minor text updates and revisions.
2. Under “Internal SSO Communications,” provided additional clarification on the specific form for reporting an SSO. Form found in Appendix VI-C.
3. Under “Lateral Stoppage,” minor text revisions and clarifications.
4. Under “Sampling and Lab Tests,” minor text revisions and clarifications including addition of 2013 Basin Plan limits for Un-ionized ammonia and Enterococcus Bacteria.
5. Under “Recordkeeping and Follow up Work,” minor text revisions and clarifications.

Subsection D. Notification and Reporting

1. Minor text updates and revisions.
2. Revised and updated SSO Definitions, Notifications and Reporting Requirements consistent with SWRCB Order No. WQ 2013-058-EXEC.
3. Table VI-1, “Summary of Communication Requirements for SSOs revised and updated consistent with “Table 1 – Spill Categories and Definitions” contained in SWRCB Order No. WQ 2013-058-EXEC.

Subsection F. Training

1. Minor text revisions and clarifications.

Subsection G. List of Plumbing and Emergency Response Contractors.

1. Minor text revision.

Element VII. Fog Control Program

1. Changed section title from “Section VII” to “Element VII.”

Subsection B. Regulatory Requirements

1. Deleted first paragraph titled “RWQCB Guidance,” in its’ entirety.
2. Changed second paragraph title from “GWDR Requirement” to “State GWDR Requirement.”

Subsection C. Nature and Extent of FOG Problem

1. Updated number of potential sources of FOG discharges.

2. Revised text to include staff resources involved in FOG program.
3. Updated and revised text to clarify FOG impact on SSOs.

Subsection D. FOG Control Program

1. Under “B. Legal Authority – Ordinance), revised Ordinance section numbers.
2. Under “D. FSE Inspections/Enforcement”, Minor text revision and clarifications.
3. Added Table VII-1. “FSE Inspection and Enforcement.” which lists total FSE’s, total inspections and enforcement actions by year.

Subsection E. Grease Interceptor and Trap Installation Requirements

1. Revised ordinance section number.

Subsection F. Grease Interceptor and Trap Maintenance Requirements

1. Revised ordinance section number.
2. Minor text revisions and clarifications.

Subsection H. Grease Hauling and Disposal Facilities

1. Minor text revisions and clarifications.

Subsection I. Kitchen BMP Requirements

1. Minor text revisions and updates.

Subsection J. Residential Program

1. Minor text revisions and clarifications.

Subsection K. Education and Outreach

1. Minor text revisions and updates.

Subsection L. FOG Characterization – Deleted in its’ entirety.

Element VIII. System Evaluation and Capacity Assurance Plan

1. Changed section title from “Section VIII” to “Element VIII.”

Subsection B. Regulatory Requirements for the System Evaluation and Capacity Assurance Plan Section

1. Deleted first paragraph titled “RWQCB Guidance (Capacity Management),” in its’ entirety.

2. Changed second paragraph title from “GWDR Requirement (SECAP)” to “State GWDR Requirement (SECAP).”

Subsection C. System Evaluation and Capacity Assurance Plan

1. Under “Evaluation – Sewer System Master Plan,” revised anticipated completion date for Master Plan.
2. Under “Capacity Enhancement Measures – Capital Improvement Program,” updated information related to identified capacity deficiencies.
3. Under “Schedule,” revised Appendix number.

Element IX. Monitoring, Measurement, and Program Modifications

1. Changed section title from “Section IX” to “Element IX.”

Subsection B. Regulatory Requirements for the Monitoring, Measurement, and Program Modifications Section

1. Deleted first paragraph titled “RWQCB Guidance,” in its’ entirety.
2. Changed second paragraph title from “GWDR Requirement” to “State GWDR Requirement.”

Subsection D. Performance Monitoring and Program Changes

1. Minor text revisions and updates.
2. Added Table IX-1 “SSOs by Cause, 2009 through 2013.”
3. Added Figure IX-1 “SSOs by Cause, 2009-2013.”
4. Added Figure IX-2 “SSO Volumes, 2009-2013.”

Element X. SSMP Program Audits

1. Changed section title from “Section X” to “Element X.”

Subsection B. Regulatory Requirements

1. Deleted first paragraph titled “RWQCB Guidance,” in its’ entirety.
2. Changed second paragraph title from “GWDR Requirement” to “State GWDR Requirement.”

Subsection C. Audits

1. Updated text to reflect additional audits performed and increase in frequency.
2. Minor text revisions and updates.

3. Incorporated provision for the Change Log to document changes made to the SSMP going forward.

Element XI. Communication Program

1. Changed section title from “Section XI” to “Element XI.”

Subsection B. Regulatory Requirements for the Communication Program Section

1. Deleted first paragraph titled “RWQCB Guidance,” in its’ entirety.
2. Changed second paragraph title from “GWDR Requirement” to “State GWDR Requirement.”

Subsection C. Communication during SSMP Development

1. Under “Communication During SSMP Development,” Updated text to reflect process followed for September 11, 2012 revision to the SSMP.
2. Under “Ongoing Communication,” updated and revised text including *but not limited to* SSMP posting.
3. New Section describing general outreach added.

Appendices

Added the following as Appendices:

1. Appendix IV-A: Standard Operating Procedure (SOP) for Sewer Cleaning
2. Appendix IV-B: SOP for CCTV Inspections
3. Appendix IV-C: Major Equipment Items to Support Maintenance
4. Appendix VI-A: List of ESD Employees and Contact Information
5. Appendix VI-B: SSO Backup Response Plan
6. Appendix VI-C: SSO Response Field Documentation Form
7. Appendix VI-D: List of Plumbing Contractors - Work on Sewer Mains or Laterals
8. Appendix VI-E: List of Contractors - Emergency Response
9. Appendix VII-A: City CIP Summary
10. Appendix VIII-A: Sewer System CIP Projects - Budgets and Descriptions
11. Appendix X-A: City of Sunnyvale SSMP Audit Report Form September 2014
12. Appendix X-B: City of Sunnyvale Log of SSMP Changes
13. Appendix X-C: City of Sunnyvale Sanitary Sewer Management Plan Formal Adoption Documents

