

**BEFORE THE ENVIRONMENTAL APPEALS BOARD
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C.**

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In the Matter of:))
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City and County of San Francisco) NPDES Appeal No. 20-01
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NPDES Permit No. CA0037681))
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Certification of Complete Administrative Record

I, Becky Mitschele, a Physical Scientist and the permit writer for the NPDES Permit No. CA0037681, certify that the administrative record for the final permit decision is complete. The administrative record includes, to the best of my knowledge, the documents that form the basis of the final permit decision required under 40 C.F.R. § 124.18. The below Administrative Record Index references all documents in the administrative record for this final permit decision.

Becky Mitschele

Becky Mitschele, NPDES Permit Writer
NPDES Permits Section, Water Division, U.S. EPA Region 9

2-28-2020

Date

INDEX FOR ADMINISTRATIVE RECORD

2019 NPDES Oceanside Water Pollution Control Plant, Wastewater Collection System, and Westside Recycled Water Project (NPDES No. CA0037681, Order R2-2019-0028)

I. NPDES PERMIT APPLICATION AND SUPPLEMENTAL INFORMATION

1. SFPUC 2014 Permit Application
City and County of San Francisco. Report of Waste Discharge/National Pollutant Discharge Elimination System Permit Renewal Application for Oceanside Water Pollution Control Plant and Westside Wet Weather Facilities, NPDES Permit No. CA0037681 and Supplemental Information. April 3, 2014.
2. SFPUC 2014 Permit Application Monitoring Data
City and County of San Francisco. Monitoring Data for Report of Waste Discharge/National Pollutant Discharge Elimination System Permit Renewal Application for Oceanside Water Pollution Control Plant and Westside Wet Weather Facilities, NPDES Permit No. CA0037681. April 3, 2014.
3. SFPUC 2014 Permit Application Recycled Water Project
City and County of San Francisco. Oceanside Water Pollution Control Plant Projected Impacts to Effluent from Capital Projects. October 2014.

II. 2019 NPDES DRAFT PERMIT, PUBLIC NOTICE AND COMMENTS, AND RB MEETING

4. Draft Oceanside Permit
California Regional Water Quality Control Board, San Francisco Region and U.S. EPA. 2019. Tentative Waste Discharge Requirements and Draft National Pollutant Discharge Elimination System Permit for the Oceanside Water Pollution Control Plant, Wastewater Collection System, and Westside Recycled Water Project. NPDES No. CA0037681. Order R2-2019-XXXX. Public Notice Version of Permit.
5. Revised Draft Oceanside Permit
California Regional Water Quality Control Board, San Francisco Region and U.S. EPA. 2019. Revised Draft/Tentative Waste Discharge Requirements and National Pollutant Discharge Elimination System Permit for the Oceanside Water Pollution Control Plant, Wastewater Collection System, and Westside Recycled Water Project. NPDES No. CA0037681. Order R2-2019-XXXX.
6. Public Notice of Oceanside Permit
California Regional Water Quality Control Board, San Francisco Region and EPA. 2019. Public Notice and Notice of Regional Board Meeting. April 20, 2019.
<http://www.waterboards.ca.gov/sanfranciscobay> and at
<http://www.epa.gov/region9/water/npdes/pubnotices.html>.
7. Newspaper Notice
San Francisco Chronicle (SfGate) Public Notice. 2019. Legal Notice.
8. Public comments from citizens on draft NPDES permit.
 - a. Carrico (May 20, 2019)
 - b. Chang (May 20, 2019)
 - c. Edwards (May 20, 2019)
 - d. Jasper (May 20, 2019)

- e. Moran (May 20, 2019)
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 - k. Bachelor (May 20, 2019, clarified May 22, 2019)
 - l. Gelini (May 20, 2019, forwarded May 21, 2019)
 - m. Art (May 20, 2019)
 - n. Tilton (May 20, 2019)
9. SFPUC Comments
Public comments from the City and County of San Francisco (May 20, 2019) on the draft NPDES permit, including transmittal letter, Attachment A – Summary Table of Comments, Attachment B – Supplemental CSO Control Policy Comments, Attachment C – Supplemental Sewer Overflows in the Combined Sewer System, and Attachment D – Supplemental Combined Sewer Discharge Monitoring Comments.
10. 2019 Response to Comments (RTC). California Regional Water Quality Control Board, San Francisco Region and EPA. August 30, 2019.
- a. RTC
California Regional Water Quality Control Board, San Francisco Region and EPA. August 30, 2019. Response to Comments.
 - b. RTC Attachment 1
California Regional Water Quality Control Board, San Francisco Region and EPA. August 30, 2019. Response to Comments Attachment 1 Tabular Comments and Responses.
11. SNS Emails RE RB Adoption Mtg
- a. Solutions Not Sandbags email exchange September 10, 2019 at 9:43 am.
 - b. Solutions Not Sandbags email exchange September 3, 2019 at 4:28 pm.
 - c. Solutions Not Sandbags email exchange July 22, 2019 at 9:55 pm.
12. Sept 11 2019 RB Adoption Package
- a. September 11, 2019 RB Agenda
California Regional Water Quality Control Board, San Francisco Region. 2019. September 11, 2019 Board Meeting Agenda.
 - b. September 11, 2019 RB Revised Agenda
California Regional Water Quality Control Board, San Francisco Region. 2019. September 11, 2019 Board Revised Meeting Agenda.
 - c. September 11, 2019 Staff Presentation in front of Board members and the public
 - d. September 11, 2019 Staff Presentation Speaker notes.
13. Staff Summary Report Supplemental Attachment
Staff Summary Report Supplemental Attachment Titled ITEM: 7 – Supplemental Staff Summary Report for the City and County of San Francisco, Oceanside Water Pollution Control Plant, Wastewater Collection System, and Westside Recycled Water Project, including response to comments and the revised tentative order. NPDES No. CA0037681. Order R2-2019-XXXX.
14. Transcript of San Francisco Bay Regional Water Quality Control Board Hearing on September 11, 2019
EPA statement made at the RB2 Board September 11, 2019 adoption meeting.

III. Final Order and NPDES Permit

15. State Oceanside Permit
California Regional Water Quality Control Board, San Francisco Region. 2019. September 12, 2019. Final Order No. R2-2019-0028. Signed by Michael Montgomery, Executive Officer on September 12, 2019.
16. State Oceanside Permit Transmittal Letter
California Regional Water Quality Control Board Transmittal letter of Order R2-2019-0028, adopted by the Regional Water Board on September 11, 2019.
17. Oceanside Permit
EPA Final NPDES Permit CA0037681, Attachment A – Definitions, Attachment B – Facility and Receiving Water Maps, Attachment C – Process Flow Schematics, Attachment D – Federal Standard Provisions, Attachment E – Monitoring and Reporting Program (MRP), Attachment F – Fact Sheet, Attachment G – Regional Standard Provisions, Attachment H – Pretreatment Requirements. Signed by Tomas Torres, Water Division Director on December 10, 2019.
18. Oceanside Permit Transmittal Letter
EPA Transmittal Letter of NPDES Permit No. CA0037681. Dated December 10, 2019. Signed by EPA R9 RA Stoker.
19. EPA Letter RE Effective Date Minor Mod
EPA December 16, 2019 letter requesting consent for minor modification to the Oceanside NPDES permit effective date.
20. 2019 Oceanside Permit Effective Date and Stay
 - a. SFPUC Letter RE Effective Date Clarification Minor Mod
SFPUC December 27, 2019 letter in response to December 16, 2019 seeking clarification of report due dates trigger by the effective date.
 - b. EPA Letter RE Notice of Stay of Contested Conditions
EPA February 7, 2020 letter regarding stay of contested conditions and an effective date of March 9, 2020 for the remaining conditions.

III. STAKEHOLDER MEETINGS AND EMAIL CORRESPONDENCE

21. Westside Infrastructure Site Visit
California Regional Water Quality Control Board, San Francisco Region, City and County of San Francisco, and EPA. 2015. Email exchange regarding westside infrastructure tour follow-up. Email exchange dated July 13, 2015 at 9:29 am; FWD from Robyn Stuber to Becky Mitschele and Marcela VonVacano dated September 14, 2016.
22. December 2018 SFPUC Comments on Admin Draft
City and County of San Francisco. Comments on Administrative Draft NPDES Permit. December 20, 2018.
23. November 2018 SFPUC Comments on Admin Draft
City and County of San Francisco. Comments on Administrative Draft NPDES Permit. November 9, 2018.

24. January 2015 SFPUC Comments on Admin Draft
City and County of San Francisco. Comments on administrative draft NPDES Permit. January 8, 2015.
25. Sept 5, 2019 SFPUC Mtg
SFPUC Meeting Agenda and email exchanges for the September 5, 2019 regarding Oceanside Permit, including requested changes, SOCSS reporting, recycled water monitoring, logistics, and efficacy special study.
26. July 25, 2019 Mtg
Email exchange Re: July 25, 2019 meeting correspondence between EPA, RB2, and SFPUC regarding public notice and the Regional Water Board meeting.
27. May 6, 2019 SFPUC Mtg
EPA Memo to file: Summary of May 6, 2019 meeting with EPA, SFPUC, and RB regarding the NPDES permit reissuance for the Oceanside Water Pollution Control Plant.
28. May 9, 2019 SFPUC Mtg
EPA Memo to file: Summary of May 9, 2019 meeting with EPA, SFPUC, and RB regarding the NPDES permit reissuance for the Oceanside Water Pollution Control Plant.
29. March 15, 2019 SFPUC Mtg
EPA Memo to file: Summary of March 15, 2019 meeting with EPA, SFPUC, and RB2 regarding the NPDES permit reissuance for the Oceanside Water Pollution Control Plant.
30. SFPUC, RB, EPA Dec. 2018 Email Exchange RE CSD Durations
Email exchanges, including attachment, regarding fact sheet description of CSDs, including durations, rainfall amounts, and receiving water map. Email from Jennie Pang dated December 14, 2018 at 4:01 pm.
31. Nov 30, 2018 SFPUC Mtg
EPA Memo to file: Summary of November 30, 2018 meeting with EPA, SFPUC, and RB2 regarding the NPDES permit reissuance for the Oceanside Water Pollution Control Plant.
32. Nov 16, 2018 SFPUC Mtg
EPA Memo to file: November 16, 2018 meeting with EPA, SFPUC, and RB2 regarding the Oceanside Permit, including wet weather day attachment and monitoring data attachment.
33. Nov 5, 2018 SFPUC Mtg
Email exchange with attachments for November 5, 2018 meeting with EPA, SFPUC, and RB2 regarding the NPDES permit reissuance for the Oceanside Water Pollution Control Plant.
34. Nov 2, 2018 SFPUC Mtg
EPA. Memo to file: Summary of November 2, 2018 meeting with EPA, SFPUC, and RB2 to discuss bacteria provision during the NPDES permit reissuance for the Oceanside Water Pollution Control Plant.
35. Oct 16, 2018 SFPUC Mtg
EPA Memo to file: Summary of October 16, 2018 meeting with EPA, SFPUC, and RB2 regarding the NPDES permit reissuance for the Oceanside Water Pollution Control Plant.

36. May 5, 2015 SFPUC Mtg
Email exchange with follow-up information related to dilution, milestones, special study requirements, and a reopener permit provision. Email exchange between EPA and SFPUC regarding the Westside Recycled Water Project. Email from SFPUC (Michael Carlin), dated May 11, 2015 at 4:04 pm.
37. May 15, 2019 Solutions Not Sandbags Mtg. EPA Memo to file: Summary of May 15, 2019 meeting with Solutions Not Sandbags.
38. EPA slides regarding the Draft NPDES Permit for the Oceanside Facilities from the May 15, 2019 Solutions Not Sandbags meeting
39. SFPUC Sept 9, 2019 Letter to EPA RE Delaying Issuance City and County of San Francisco. 2019. Letter to Michael Stoker (EPA) and Michael Montgomery (RB) Re: Reissuance of the City and County of San Francisco Oceanside NPDES Permit. Dated September 9, 2019.
40. Email exchange between SFPUC and RB2 regarding combined sewer discharge summary and receiving water map. Email exchange dated December 18, 2018 at 5:44 pm.
41. Email exchange between SFPUC and RB2 discussing the CSO Control Policy 85% capture criterion. Email exchange dated February 6, 2015 at 10:14.

IV. TOXICITY

42. EPA. 2010. EPA Regions 8, 9, and 10, Toxicity Training Tool. January 2010.
<https://www.epa.gov/sites/production/files/2014-05/documents/toxtrainingtool10jan2010.pdf>
43. EPA. 2010. National Pollutant Discharge Elimination System Test of Significant Toxicity Implementation Document. EPA 833-R-10-003.
https://www3.epa.gov/npdes/pubs/wet_final_tst_implementation2010.pdf
44. EPA. 1996. Marine Toxicity Identification Evaluation (TIE): Phase I Guidance Document. EPA/600/R-96-054.
45. EPA. 2002. Short-term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to West Coast Marine and Estuarine Organisms. EPA-821-R-02-014.
46. EPA. 1993. Methods for Aquatic Toxicity Identification Evaluations, Phase III Toxicity Confirmation Procedures for Samples Exhibiting Acute and Chronic Toxicity. EPA/600/R-92/081.
47. EPA. 1993. Methods for Aquatic Toxicity Identification Evaluations, Phase II Toxicity Identification Procedures for Samples Exhibiting Acute and Chronic Toxicity. EPA/600/R-92/080.
48. EPA. 1991. Methods for Aquatic Toxicity Identification Evaluations: Phase I Toxicity Characterization Procedures. EPA/600/6-91/003.
49. CETIS summary quarterly reports for chronic toxicity from 2nd quarter of 2011 to 1st quarter of 2018.
50. EPA. 1995. Water Quality Guidance for the Great Lakes System: Supplementary Information Document. EPA-820-B-95-001.

V. DILUTION

51. City and County of San Francisco. 2014. Southwest Ocean Outfall (Discharge Point No. 001) Dilution Modeling Report – Final and Appendices.
52. City and County of San Francisco. 2014. Southwest Ocean Outfall (Discharge Point No. 001) Data Collection Report – Final and Appendices.
53. City and County of San Francisco. 2008. Assessment of Effects on California State Waters from the Oceanside Southeast Ocean Outfall. September 26, 2008.
54. City and County of San Francisco. 2007. Dilution Modeling for the San Francisco Southwest Ocean Outfall. June 25, 2007.
55. City and County of San Francisco. 2003. Dilution Modeling for the San Francisco Southwest Ocean Outfall. July 8, 2003.
56. CH2M Hill. 1989. Wastefield Transport and Bacteriological Compliance Studies of the San Francisco Ocean Outfall, March 1989.
57. PG Environmental, LLC. 2014. Review of City and County of San Francisco, Southwest Ocean Outfall Dilution Modeling Report. Technical Memorandum to Regional Board. August 4, 2014.

VI. MONITORING RELATED TO THE SOUTHWEST OCEAN OUTFALL

58. City and County of San Francisco. Southwest Ocean Outfall Annual Reports.
 - a. 2018 Annual Report. Dated August 29, 2019.
 - b. 2017 Annual Report. Dated August 30, 2018.
 - c. 2016 Annual Report. Dated August 30, 2017.
 - d. 2015 Annual Report. Dated August 29, 2016.
 - e. 2014 Amended Annual Report. Dated August 29, 2016.
 - f. 2014 Annual Report. Dated August 31, 2015.
 - g. 2013 Annual Report. Dated August 2014.
59. City and County of San Francisco. 2018. SWOO Regional Monitoring Program 2013-2016 Update (i.e. Updated SWOO Analysis for Figure 4-10, 5-12, and 5-18 from the Trend Study). July 2018.
60. City and County of San Francisco. 2018. Email from SFPUC to RB2 regarding sediment and infauna sampling at Stations 41, 42, 44, 46, 49. Email sent December 14, 2018.
61. City and County of San Francisco. 2018. A Review of Benthic Macrofaunal Assemblage and Sediment Conditions in the Reef-Effect Region of the SWOO-RMP. August 2018.
62. 1997-2012 Southwest Ocean Outfall Regional Monitoring Program Summary Report, April 3, 2014
City and County of San Francisco. 2014. Southwest Ocean Outfall (SWOO) Regional Monitoring Program Sixteen-Year Summary Report 1997-2012. April 2014.

VIII. OTHER MONITORING AND REPORTS

63. SFPUC 2014 Efficacy of CSO Controls
City and County of San Francisco. Characterization of Westside Wet Weather Discharges and the Efficacy of Combined Sewer Discharge Controls. July 30, 2014.
64. City and County of San Francisco. 2014. Wastewater Enterprise Westside Operations Summary, Baseline Report. March 2014.
65. City and County of San Francisco. 2013. Efficacy of CSO Controls.
 - a. Monitoring Study to Effectively Characterize Overflow Impacts and the Efficacy of CSO Controls. September 30, 2013.
 - b. Monitoring Study to Effectively Characterize Overflow Impacts and the Efficacy of CSO Controls. September 21, 2012.
66. City and County of San Francisco. 2013. Pollution Prevention Program Annual Report (2013).
67. Wet Weather Discharge Data from CIWQS and DMRs.
 - a. Oceanside 2012 - 2019 eSMR data
Monitoring data from 2012 – 2019 for EFF-001, INF-001, and EFF-CSD monitoring locations.
 - b. CIWQS Data Spreadsheet; Oceanside 2012-2019 CSO discharge data
Monitoring data from 2012 – 2019 for CSO discharges from the CSD structures for the Oceanside Permit.
68. City and County of San Francisco Special Studies
 - a. Combined Sewer Collection System Excursions Report. December 2012.
 - b. Special Study: Westside Collection Systems Excursions Report. June 29, 2012.
 - c. Special Study: Sensitive Areas Feasibility Report for Overflows. December 2011.

VIII. SAN FRANCISCO PLANNING DOCUMENTS

69. City and County of San Francisco. Westside Drainage Basin Urban Watershed Opportunities. Final Draft Technical Memorandum. February 2015. Sewer System Improvement Program.
70. City and County of San Francisco. Westside Drainage Basin Urban Watershed Characterization. Final Draft Technical Memorandum. August 2014. Sewer System Improvement Program.
71. City and County of San Francisco. Documents Related to Sewer System Improvement Program.
 - a. Pump Stations Condition Assessment Final Report. January 2014. Sewer System Improvement Program.
 - b. Wastewater Enterprise Capital Improvement Program. 1st Quarter/Fiscal Year 2018-2019.
 - c. Task 500 Technical Memorandum No. 506 Collection System Rehabilitation Program. Final Draft. December 2010.
72. City and County of San Francisco. 2010 Master Plan Summary Reports.
 - a. Summary Report. Final Draft. March 2010.
 - b. Summary Report. Final Draft. May 2010.
73. City and County of San Francisco. 2010 Wastewater Enterprise Staff Sewer System Improvement Program Draft Report. Revised August 2010.

74. City and County of San Francisco. 2010 San Francisco Sewer System Master Plan.
 - a. Chapter 3. Wastewater Operations and Performance.
 - b. Chapter 4. Sewer System Challenges.
 - c. Chapter 6. Future Planning Considerations.
75. City and County of San Francisco. Westside Wet Weather Facilities Revised Overflow Control Study, Abstract Report and Request for Revised Overflow Frequency. December 1978.
76. 1974 Master Plan
City and County of San Francisco. Final Environmental Impact Report & Statement, San Francisco Wastewater Master Plan. May 1974.
77. 1971/1979 Master Plan
City and County of San Francisco. San Francisco Master Plan for Waste Water Management, Preliminary Comprehensive Report. September 15, 1971; amended 1979.

IX. OTHER NPDES, STATE PERMITS, AND RELATED RESPONSE TO COMMENTS

78. 2015 Sacramento CSO Permit
California Regional Water Quality Control Board, Central Valley Region. 2015. Waste Discharge Requirements for the City of Sacramento Combined Wastewater Collection and Treatment System Sacramento County. NPDES No. CA0079111. Order R5-2015-0045.
79. 2013 Bayside Permit
 - a. California Regional Water Quality Control Board, San Francisco Region. 2013. NPDES No. CA0037664. Order R2-2013-0029. San Francisco Southeast Water Pollution Control Plant, North Point Wet Weather Facility, Bayside Wet Weather Facilities, and Wastewater Collection System.
 - b. California Regional Water Quality Control Board, San Francisco Region. 2013. Response to Written Comments on the San Francisco Southeast Water Pollution Control Plant, North Point Wet Weather Facility, Bayside Wet Weather Facilities, and Wastewater Collection System.
80. 2009 RTC Oceanside Permit
California Regional Water Quality Control Board, San Francisco Region and U.S. EPA. 2009. Response to Comments on the Waste Discharge Requirements and National Pollutant Discharge Elimination System Permit for the City and County of San Francisco, Oceanside Water Pollution Control Plant, Westside Wet Weather Facilities, and Collection System. NPDES No. CA0037681. Order R2-2009-0062.
81. 2009 Oceanside Permit
California Regional Water Quality Control Board, San Francisco Region and U.S. EPA. 2009. Waste Discharge Requirements and National Pollutant Discharge Elimination System Permit for the City and County of San Francisco, Oceanside Water Pollution Control Plant, Westside Wet Weather Facilities, and Collection System. NPDES No. CA0037681. Order R2-2009-0062.
82. 2003 RTC Oceanside Permit
California Regional Water Quality Control Board, San Francisco Region and U.S. EPA. 2003. Response to Comments on the Waste Discharge Requirements and National Pollutant Discharge Elimination System Permit for the City and County of San Francisco, Oceanside Water Pollution Control Plant, Westside Wet Weather Facilities, and Collection System. NPDES No. CA0037681.

83. State Water Resources Control Board. 2013. Monitoring and Reporting Program for Statewide General Waste Discharge Requirements for Sanitary Sewer Systems. Order WQ-2013-0058-EXEC. http://www.waterboards.ca.gov/board_decisions/adopted_orders/water_quality/2013/wqo2013_0058_exec.pdf
84. State Water Resources Control Board. 2006. Statewide General Waste Discharge Requirements for Sanitary Sewer Systems. Order 2006-0003-DWQ. http://www.waterboards.ca.gov/board_decisions/adopted_orders/water_quality/2006/wqo/wqo2006_0003.pdf

X. OTHER SUPPORTING DOCUMENTS

85. RB Letter RE LTCP Synthesis
California Regional Water Quality Control Board, San Francisco Region. 2018. Letter to SFPUC regarding comments on San Francisco Wastewater Long Term Control Plan Synthesis submitted on March 30, 2018. File CW-256499.
86. California Regional Water Quality Control Board, San Francisco Region. 2013. Memo to file from Regional Board (i.e. Derek Whitworth) dated July 30, 2013 document basis of “excursion reporting” in the San Francisco SE Water Pollution Control Plant Tentative Order. File Primary Indexing No. 256499.
87. California Regional Water Quality Control Board, San Francisco Region. 2008. Memo to file from Regional Board (i.e. Derek Whitworth) dated October 10, 2008 “impact of secondary treatment on bacteria densities and impact of BEFs on RPA for dioxin-TEQ.” File Primary Indexing No. 293370.
88. SFPUC LTCP Synthesis.
 - a. SFPUC Sept 21 2018 Letter RE RB LTCP Synthesis Comments
City and County of San Francisco 2018 Letter to RB2 regarding Comments on San Francisco Wastewater Long Term Control Plan Synthesis & Update. Letter dated 9/21/2018.
 - b. LTCP Synthesis
City and County of San Francisco. 2018. Southeast Water Pollution Control Plant, North Point Wet Weather Facility and Bayside Wet Weather Facilities (NPDES No. CA0037664) Oceanside Water Pollution Control Plant and Collection System, and the Westside Wet Weather Facilities (NPDES No. CA0037681). San Francisco Wastewater Long Term Control Plan Synthesis. March 30, 2018.
89. City of Sacramento Department of Utilities. Combined Sewer System Long Term Control Plan Final Report. May 2018.
90. EPA. 2018. Public Notification Requirements for Combined Sewer Overflows to the Great Lakes Basin. 40 C.F.R. §122.38.
91. LTCP Update Memo
EPA. 2019. Memo to file – Bases for Requiring an Update of a Long-Term Control Plan for the City and County of San Francisco Oceanside Water Pollution Control Plant, Wastewater Collection System, and Westside Recycled Water Project (NPDES Permit No. CA0037681). April 15, 2019.
92. EPA. 2016. October 31, 2016 Inspection report/trip memo for Oceanside Water Pollution Control Plan and Seacliff #2 Pump Station.

93. EPA. 2016. NPDES Compendium of Next Generation Compliance Examples. September 2016.
94. EPA PPCM Guidance
CSO Post Construction Compliance Monitoring Guidance. EPA-833-K-11-001, May 2012.
95. EPA. 1995. Guidance Related to CSOs.
 - a. EPA NMC Guidance
Guidance for Nine Minimum Controls. EPA 832-B-95-003, 1995.
 - b. EPA LTCP Guidance
Combined Sewer Overflows: Guidance for Long-Term Control Plan. EPA-832-B-95-002, 1995.
 - c. EPA CSO Guidance for Permit Writers
CSO Guidance for Permit Writers. EPA 832-B-95-008, 1995.
96. *CSO Control Policy*
EPA. *Combined Sewer Overflow (CSO) Control Policy*. 59 Fed. Reg. 18,688-18,698. (April 19, 1994).
97. State of California Sea-Level Rise Guidance 2018 Update. Drafted by California Natural Resources Agency and the California Ocean Protection Council.

XI. WATER QUALITY STANDARDS

98. Basin Plan.
 - a. San Francisco Basin Plan
California Regional Water Quality Control Board, San Francisco Region. 2017. Water Quality Control Plan for the San Francisco Bay Basin (Basin Plan). May 4, 2017.
 - b. 2019 EPA Approval of Basin Plan Amendment
Amendment to the Water Quality Control Plan for the San Francisco Bay Region (Basin Plan) to Establish Site-Specific Objectives and TMDL for Dissolved Oxygen in Suisun Marsh and to Amend the San Francisco Bay Mercury TMDL to Include Suisun Marsh. July 2, 2019.
99. EPA 2019 Comments RE State Bacteria WQS
EPA Comment Letter to State Water Resources Control Board on 2019 Ocean Plan Review. August 12, 2019.
100. EPA 2017 Comments RE State Bacteria WQS
EPA Comment Letter to State Water Resources Control Board on California Bacteria Provisions and Water Quality Standard Variance Policy. August 14, 2017.
101. 2019 Ocean Plan
State Water Resources Control Board. 2019. *Water Quality Control Plan – Ocean Waters of California. California Ocean Plan*.
https://www.waterboards.ca.gov/water_issues/programs/ocean/docs/oceanplan2019.pdf
102. 1979 Exception
State Water Resources Control Board. 1979. State Board Order No. 79-16: In the matter of the request for an exception to the 1978 Water Quality Control Plan for Ocean Waters of California by the City and County of San Francisco for the Richmond Sunset Sewerage Zone Wet Weather Diversion Structures.

103. 1978 Ocean Plan
State Water Resources Control Board. 1978 Ocean Plan. *Water Quality Control Plan for Ocean Waters of California*. Resolution 72-45.
104. Antidegradation Policy
State Water Resources Control Board. 1968. State Water Board Resolution No. 68-16, "Statement of Policy with Respect to Maintaining High Quality of Waters in California."
105. State Water Resources Control Board. XXXX. Compilation of the California Ocean Plan 1972 – 2001.

XII. FEDERAL AND STATE CONSULTATION

106. Coastal Commission. 2019. CZMA – Federal Consistency for Oceanside NPDES Permit. Email from Mark Delaplaine dated April 19, 2019 at 10:33 am.
107. City and County of San Francisco. 2018. Information related to Marine Pathogens
 - a. City and County of San Francisco. 2018. Literature Review on Marine Pathogens. Sent via email from Heather Peterson to Becky Mitschele on November 16, 2018 at 3:54 pm.
 - b. City and County of San Francisco. 2005. Marine Mammal Report, NPDES Permit No. CA0037681.
108. EPA. 2019. Biological Evaluation pursuant to Endangered Species Act and Essential Fish Habitat Assessment pursuant to Magnuson-Stevens Fishery Conservation and Management Act and associated references. April 2019.
109. EPA. 2018. SFEI poster presentation regarding flame retardants in San Francisco Bay titled Organophosphate Ester Flame Retardants in San Francisco Bay Regional Monitoring Program.
110. EPA. 2018. Request for Technical assistance.
 - a. Email from EPA (Mitschele) to NOAA (Joel Casagrande) dated October 29, 2018 at 3:09 pm.
 - b. Biological Evaluation pursuant to Endangered Species Act and Essential Fish Habitat Assessment pursuant to Magnuson-Stevens Fishery Conservation and Management Act. October 30, 2018.
111. EPA. 2018. Memo to file: Meeting Record for 12/11/18 Conference Call with NMFS regarding the Oceanside NPDES Reissuance and ESA Technical Assistance.
112. EPA. 2009. Section 7d Memo to File Re: Biological Evaluation pursuant to Endangered Species Act.
113. EPA. 2009. Biological Evaluation NPDES Permit Renewal for San Francisco's Oceanside Wastewater Treatment Plant. April 13, 2009.
114. NMFS. 2019. Email confirming concurrence. Email from Joseph Dillon dated September 5, 2019 at 12:33 pm.
115. NMFS. 2019. Endangered Species Action Section 7(a)(2) concurrence letter and Magnuson-Stevens Fishery Conservation and Management Act Essential Fish Habitat Response for the NPDES Permit Reissuance for the City and County of San Francisco Oceanside Water Pollution Control Plant, Wastewater Collection System, and Westside Recycled Water Project. June 20, 2019. NMFS No. WCRO-2019-00339.

116. NMFS. 2018. Email transmitting updated species list for SFPUC Oceanside WPCP consultation. Email from Joseph Dillon dated December 18, 2018 at 3:32 pm.
117. NMFS. 2018. Email transmitting comments on the draft Biological Evaluation. Email from Joseph Dillon dated December 19, 2018 at 12:01 pm.
118. NMFS. 2018. Email discussing the draft Biological Evaluation and reissuance of the Oceanside NPDES permit. Email exchange from Joel Casagrande dated May 18, 2018 at 12:35 pm.
119. NMFS. 2015. Species List and Technical Assistance for Reissuance of Oceanside NPDES permit. March 9, 2015.
120. NMFS. 2009. Concurrence Letter on Biological Evaluation – Not Likely to Adversely Affected Listed Species. September 11, 2009.
121. US FWS. 2017. Southern Sea Otter Factsheet. Revised May 2017. USA FWS. Ventura, California

XIII. OCEAN DISCHARGE CRITERIA EVALUATION

122. California Regional Water Quality Control Board, San Francisco Region. 2010. Staff Summary Report Meeting Date February 10, 2010 Item 5 Updated Regional Standard Provisions and Monitoring Reporting Requirements (for dioxin). February 10, 2010.
123. EPA 403(c) Ocean Discharge Criteria Determination for Oceanside Water Pollution Control Plant NPDES No. CA0037681. April 2019.
124. EPA CWA Section 403: Procedural and Monitoring Guidance. EPA 842-B-94-003. March 1994.

XIV. POST REGIONAL WATER BOARD ADOPTION COMMUNICATION AND DOCUMENTS

125. September 26, 2019 Letter from EPA Administrator Wheeler to Governor Gavin.
126. Email from SFPUC Michael Carlin to EPA R9 RA Stoker Re: Follow-up to telephone conversation. Email dated September 19, 2019 at 2:11:25 pm.
127. October 1, 2019 Letter from SFPUC (Greg Norby) to EPA Region 9 (Tomas Torres) with attachments.
 - a. October 1, 2019 Letter from SFPUC (Greg Norby) to EPA Region 9 (Tomas Torres)
 - b. Attachment A Summary Table of Comments
 - c. Attachment B CSO Policy Concern Comments
 - d. Attachment C Permit Comments
 - e. September 9th Letter from SFPUC to EPA Region 9.
 - f. September 26th Letter from EPA Administrator Wheeler to Governor Gavin.
128. October 1, 2019 Letter from SFPUC General Manager Mr. Kelly to EPA Administrator Wheeler.
129. October 3, 2019 Letter and attachments from US Senate to EPA Acting Inspector General Sheehan.
130. October 2, 2019 Notice of Violation (NOV) from EPA to SFPUC General Manager Mr. Kelly. Notice of Violation of NPDES Permits.

131. October 18, 2019 Letter from M. Carlin (SFPUC) to M. Montgomery (Regional Board).
132. October 25, 2019 Letter from CalEPA Jared Blumenfeld to EPA Administrator Wheeler in response to the September 26, 2019.
133. October 28, 2019 Letter from Hunton Andrews Kurth (Brown and Boer) to Attorney Generals of State of California (Melnick and Harris).
134. October 29, 2019 Letter from RB2 (Montgomery) to SFPUC (Carlin) responding to SFPUC inquiries from October 18, 25, and 28.
135. October 29, 2019 Letter from SFPUC (Carlin) to RB2 (Montgomery) regarding petition and permit appeal.
136. November 21, 2019 Letter from EPA OECA and OW Assistant Administrators Bodine and Ross to SFPUC General Manager Mr. Kelly.
137. November 27, 2019 Letter from SFPUC to OECA and OW Assistant Administrators Bodine and Ross.
138. December 6, 2019 Letter from EPA OECA and OW Assistant Administrators Bodine and Ross to SFPUC General Manager Mr. Kelly in response to November 27, 2019 letter.
139. January 2, 2020 Letter from SFPUC (Kelly) to EPA R9 RA (Stoker) in response to NOV.
140. Petition for Review
San Francisco Public Utilities Commission State Water Resources Control Board Request Petition for Review of Order R2-2019-0028. Dated October 11, 2019.
141. Declaration from SFPUC
Request for Stay of Order R2-2019-0028. Declaration of Greg Norby. Exhibit A. Dated October 11, 2019.
142. San Francisco Public Utilities Commission State Water Resources Control Board Request for Stay and Hearing of Order R2-2019-0028. Dated October 11, 2019.
143. SB Dismissal of Petition Stay Denial
Acknowledgment of Petition Received, and Request for Stay and Dismissal of Petition and Denial of Request for Stay in A-2658 City and County of San Francisco. Dated November 15, 2019.
144. State Petition SFPUC Compliant
First Amended Petition for Writ of Administrative Mandate and Complaint for Declaratory Relief. Dated December 16, 2019. Case No.: RG19042575.

XVI. Information Requests Regarding Spills, Excursions, and Property Backups and Wet Weather Data

145. State Requirement for Monitoring and Reporting
California Regional Water Quality Control Board, San Francisco Region. Clarification of Monitoring Requirements and Requirement for Information, City and County of San Francisco,

Oceanside Water Pollution Control Plant, Order No. R2-2009-0062, NPDES Permit CA0037681.
November 29, 2017. File CW-256498.

146. EPA 2016 CWA 308 - Information Request Regarding Spills, Excursions, and Property Backups.
 - a. EPA CWA 308 Request
EPA cover letter RE: Request for information to SFPUC (Harlan) under Clean Water Act Section 308(a) - City and County of San Francisco Sewer System, EPA Docket No. CWA 308-9-16-001. February 16, 2016.
 - b. EPA CWA 308 Request Attachment 1
EPA Attachment 1 RE: Request for information to SFPUC (Harlan) under Clean Water Act Section 308(a) - City and County of San Francisco Sewer System, EPA Docket No. CWA 308-9-16-001. February 16, 2016.
147. EPA. 2016. Appendix A (Excel Spreadsheet) to EPA request for information (to SFPUC/Mr. Harlan) under Clean Water Act Section 308(a) - City and County of San Francisco Sewer System, EPA Docket No. CWA 308-9-16-001. February 16, 2016.
148. EPA. 2016. Appendix B to EPA request for information (to SFPUC/Mr. Harlan) under Clean Water Act Section 308(a) - City and County of San Francisco Sewer System, EPA Docket No. CWA 308-9-16-001. February 16, 2016.
149. EPA. 2016. Appendix C to EPA request for information (to SFPUC/Mr. Harlan) under Clean Water Act Section 308(a) - City and County of San Francisco Sewer System, EPA Docket No. CWA 308-9-16-001. February 16, 2016.
150. EPA. 2016. Appendix D to EPA request for information (to SFPUC/Mr. Harlan) under Clean Water Act Section 308(a) - City and County of San Francisco Sewer System, EPA Docket No. CWA 308-9-16-001. February 16, 2016.
151. EPA. 2016. Extension Request for Request for Information under Clean Water Act Section 308(a) - City and County of San Francisco Sewer System dated February 16, 2016, EPA Docket No. CWA 308-9-16-001. CWA 308-9-16-001. April 1, 2016.
152. EPA. 2016. EPA letter to SFPUC (Pagano) RE: Follow up to April 8, 2016 Meeting Discussing Clean Water Act Section 308(a) Information Request, EPA Docket No. CWA 308-9-16-001 revising certain due dates. April 12, 2016.
153. EPA. 2016. EPA letter to SFPUC (Pagano) RE: Follow up to April 8, 2016 Meeting Discussing Clean Water Act Section 308(a) Information Request, EPA Docket No. CWA 308-9-16-001 providing examples of processes used by other CSOs to identify to spills, private property backups, and excursions. April 28, 2016.
154. SFPUC. 2016. SFPUC letter (Kelly) to EPA (Johnson) regarding questions related to the February 16, 2016 request for information and timeframe. March 7, 2016.
155. SFPUC. 2016. SFPUC letter (Kelly) to EPA (Johnson) regarding questions related to the February 16, 2016 request for information and timeframe. March 8, 2016.
156. SFPUC. 2016. SFPUC letter (Kelly) to EPA (Johnson) request for time extension. March 18, 2016.

157. SFPUC. 2016. SPFUC letter (Kelly) to EPA (Johnson) stating that no spills occurred during the time period of February 16, 2016 to March 31, 2016. April 15, 2016.
158. SFPUC. 2016. SPFUC letter (Kelly) to EPA (Johnson) transmitting information on excursions that occurred between October 1, 2011 and March 31, 2016. April 29, 2016.
159. SFPUC. 2016. Excel spreadsheet on excursions that occurred between October 1, 2011 through September 2012. April 29, 2016.
160. SFPUC. 2016. Excel spreadsheet on excursions that occurred between October 2012 through March 2016. April 29, 2016.
161. SFPUC. 2016. SPFUC letter (Kelly) to EPA (Johnson) stating that no spills occurred during the month of April 2016. May 10, 2016.
162. SFPUC. 2016. SPFUC letter (Kelly) to EPA (Johnson) transmitting information on excursions and property backups that occurred during the month of April 2016. May 27, 2016.
163. SFPUC. 2016. Excel spreadsheet for the SPFUC letter (Kelly) to EPA (Johnson) transmitting information on excursions and property backups that occurred during the month of April 2016. May 27, 2016.
164. SFPUC. 2016. SPFUC letter (Kelly) to EPA (Johnson) stating that no spills occurred during the month of May 2016. June 9, 2016.
165. SFPUC. 2016. SPFUC letter (Kelly) to EPA (Johnson) transmitting information for excursions and property backups during the month of May 2016. June 30, 2016.
166. SFPUC. 2016. Excel spreadsheet for the SPFUC letter (Kelly) to EPA (Johnson) transmitting information for excursions and property backups during the month of May 2016. June 30, 2016.
167. SFPUC. 2016. SPFUC letter (Kelly) to EPA (Johnson) stating that no spills occurred during the month of June 2016. July 8, 2016.
168. SFPUC. 2016. Excel spreadsheet for the SPFUC letter (Kelly) to EPA (Johnson) for minor leak (no spills) that occurred during the month of June 2016. July 22, 2016.
169. SFPUC. 2016. SPFUC letter (Kelly) to EPA (Johnson) transmitting information on excursions and property backups during the month of June 2016. July 22, 2016.
170. SFPUC. 2016. Excel spreadsheet for the SPFUC letter (Kelly) to EPA (Johnson) transmitting information on excursions and property backups that occurred during the month of June 2016. July 22, 2016.