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**UNITED STATES DISTRICT COURT
NORTHERN DISTRICT OF CALIFORNIA**

UNITED STATES OF AMERICA and
PEOPLE OF THE STATE OF
CALIFORNIA *ex rel.* CALIFORNIA STATE
WATER RESOURCES CONTROL BOARD
and CALIFORNIA REGIONAL WATER
QUALITY CONTROL BOARD, SAN
FRANCISCO BAY REGION,

Plaintiffs,

v.

EAST BAY MUNICIPAL UTILITY
DISTRICT,

Defendant.

Case No. CV 09-0186 ^{cw} ~~MEJ~~
STIPULATED ORDER FOR
PRELIMINARY RELIEF

RECEIVED

JAN 15 2009

RICHARD W. WIEKING
CLERK, U.S. DISTRICT COURT
NORTHERN DISTRICT OF CALIFORNIA

FILED

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CLERK, U.S. DISTRICT COURT
NORTHERN DISTRICT OF CALIFORNIA
OAKLAND

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1 WHEREAS:

2 1. Plaintiff United States of America (“United States”), on behalf of the United
3 States Environmental Protection Agency (“EPA”), and Plaintiff People of the State of California
4 *ex rel.* California State Water Resources Control Board (“State Water Board”) and California
5 Regional Water Quality Control Board, San Francisco Bay Region (“Regional Water Board”)
6 filed a Complaint against the Defendant East Bay Municipal Utility District (“EBMUD”)
7 pursuant to Section 309 of the Clean Water Act (“CWA”), 33 U.S.C. § 1319, and Cal. Water
8 Code Sections 13376, 13385 and 13386.

9 2. The Complaint alleges that EBMUD has discharged pollutants without a permit in
10 violation of CWA Section 301(a), 33 U.S.C. § 1311(a), and Cal. Water Code Section 13376; and
11 has discharged pollutants in violation of the terms and conditions of its National Pollutant
12 Discharge Elimination System (“NPDES”) Permits. The Complaint also alleges that EBMUD
13 will not be able to comply with its next NPDES Permit, which was proposed on November 14,
14 2008.

15 3. EBMUD receives wastewater from seven East Bay wastewater collection agencies
16 (“Satellites”) with a total population of approximately 650,000. Each Satellite owns and operates
17 its own wastewater collection system, which delivers wastewater to EBMUD’s interceptor
18 system. The interceptor system transports wastewater to EBMUD’s year-round main wastewater
19 treatment plant near the eastern anchorage of the Bay Bridge (“MWWTP”). During wet weather,
20 EBMUD at times discharges wastewater from three wet weather facilities, located at 2755 Point
21 Isabel Street, Richmond; 225 5th Avenue, Oakland; and 5597 Oakport Street, Oakland
22 (collectively the “WWFs”). The Satellites’ and EBMUD’s connected systems shall be referred to
23 collectively as the “East Bay Sanitary Sewer System.”

24 4. Inflow and infiltration (I/I) of stormwater into the collection systems and private
25 sewer laterals during severe wet weather events – via mis-connections, cracks and other
26 imperfections in system pipes, joints and manholes – can lead to a 10-fold increase in the volume
27 of wastewater that reaches EBMUD’s interceptor system.

1 5. Beginning in 2003, the Regional Water Board, EPA Region IX, EBMUD and
2 citizen stakeholder groups participated in a two-year process of developing a revision to the
3 NPDES permit for EBMUD's WWFs.

4 6. As a result of this process, the Regional Water Board adopted a revised WWF
5 Permit and Time Schedule Order ("TSO") on September 21, 2005, effective October 1, 2005.
6 Neither the Permit nor the TSO was appealed, but in early 2007, the State Water Board *sua*
7 *sponte* undertook review on its own motion. At the conclusion of that review, on May 1, 2007,
8 the State Water Board adopted an Order stating, in part:

9 We have concluded that the San Francisco Bay Water Board must revise the
10 EBMUD permit to include effluent limits based on secondary treatment standards.
11 Likewise, the TSO must be revised to ensure that the endpoint for the EBMUD studies
and investigations is either to achieve secondary treatment standards or cease discharge
from the three wet weather facilities.

12 This does not mean that EBMUD must construct secondary treatment plants at the
13 three facility sites. The ideal solution for the East Bay communities may, in fact, be to
eliminate excess wet weather flows through I/I improvements.

14 7. The Parties agree that:

- 15 • eliminating discharges from – rather than further treatment at – the WWFs is the
16 optimal way to further reduce the East Bay sanitary sewer system's wet-weather-
17 related water-quality impacts to San Francisco Bay, and
- 18 • the means of pursuing this objective is to reduce wet-weather flows in the collection
19 systems and in private sewer laterals, which will reduce impacts to San Francisco
20 Bay by reducing the frequency and volume of EBMUD's wet weather discharges.

21 8. EBMUD does not admit any liability to Plaintiffs for the transactions or
22 occurrences alleged in the Complaint.

23 9. The Parties desire to avoid further litigation and to work cooperatively on issues
24 relating to wet weather flows.

25 10. The Parties recognize that, to fully develop and implement solutions to the issues
26 relating to wet weather flows, further analysis will be needed of the technical issues associated
27 with these flows in the EBMUD service area. In addition, the Parties recognize that successful
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1 implementation of a viable remedy to these issues will require the active participation of the
2 Satellites. Therefore, the Parties recognize and agree that this Stipulated Order for Preliminary
3 Relief (“Stipulated Order”) is a partial remedy to address these issues and is without prejudice to
4 future action by the United States and/or the State (including, but not necessarily limited to,
5 additional enforcement litigation involving the Parties and, possibly, the Satellites) to develop
6 and implement a final remedy to address the violations alleged in the Complaint. The Parties
7 further recognize that the Satellites will be informed of and need to cooperate with the work
8 being implemented pursuant to this Stipulated Order and, therefore, mutually undertake to engage
9 in outreach to and dialogue with the Satellites with regard to all of the work undertaken pursuant
10 to this Stipulated Order.

11 11. The Parties recognize, and the Court by entering this Stipulated Order finds, that
12 (1) this Stipulated Order has been negotiated by the Parties in good faith and will facilitate the
13 ultimate resolution of the claims stated in the Complaint, and (2) this Stipulated Order is fair,
14 reasonable, and in the public interest.

15 NOW, THEREFORE, IT IS HEREBY ADJUDGED, ORDERED, AND DECREED as
16 follows:

17 I. JURISDICTION AND VENUE

18 12. This Court has jurisdiction over the subject matter of this action pursuant to 28
19 U.S.C. §§ 1331, 1345, 1355, and 1367, Section 309(b) of the Clean Water Act, 33 U.S.C. §
20 1319(b), and California Water Code § 13385; and the Court has jurisdiction over the Parties.
21 Venue lies in this District pursuant to Section 309(b) of the Clean Water Act, 33 U.S.C. §§
22 1319(b), and 28 U.S.C. §§ 1391(b) and 1395(b) because this is the District in which EBMUD is
23 located. For purposes of this Stipulated Order, Defendant agrees that the Complaint states claims
24 upon which relief may be granted pursuant to Section 309 of the Clean Water Act and pursuant to
25 California Water Code Sections 13385 and 13386.

26 13. Notice of the commencement of the United States’ action was provided to the
27 Regional Water Board pursuant to Section 309(b) of the Clean Water Act, 33 U.S.C. §§ 1319(b).
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II. APPLICABILITY

14. The provisions of this Stipulated Order shall apply to and be binding upon the Parties and any successors or other entities or persons otherwise bound by law.

15. EBMUD shall provide a copy of this Stipulated Order to the Members of EBMUD's Board of Directors, General Manager, and all officers, employees, and agents whose duties might reasonably include compliance with any provision of this Stipulated Order, as well as to any contractor retained to perform work required under this Stipulated Order. EBMUD shall condition any such contract upon performance of the work in conformity with the terms of this Stipulated Order.

16. In any action to enforce this Stipulated Order, EBMUD shall not raise as a defense the failure by any of its officers, directors, employees, agents, or contractors to take any actions necessary to comply with the provisions of this Stipulated Order.

17. EBMUD shall provide a copy of this Stipulated Order to any successor in interest at least 30 days prior to transfer of that interest, and simultaneously shall verify in writing to Plaintiffs that such notice has been given. Absent agreement of the Parties or order of the Court, any sale or transfer of EBMUD's interests in, or operating role with respect to, the WWFs shall not in any manner relieve EBMUD of its responsibilities for meeting the terms and conditions of this Stipulated Order.

III. OBJECTIVES

18. The objectives of this Stipulated Order are to develop remedial measures to address the excess wet weather flow issues associated with EBMUD's discharges in furtherance of the objectives of the Clean Water Act as set forth in Section 101 of the Act, 33 U.S.C. § 1251, and the objectives of the Porter-Cologne Water Quality Control Act as set forth at California Water Code Sections 13000, 13001, 13370, and 13372. The Parties recognize that the work required by this Stipulated Order will not fully resolve these issues. It is the intent of the Parties to use information developed pursuant to this Stipulated Order to tailor a final remedy that, when implemented, will resolve the pending litigation.

1 IV. DEFINITIONS

2 19. Unless otherwise defined herein, terms used in this Stipulated Order shall have the
3 meaning given to those terms in the Clean Water Act, 33 U.S.C. §§ 1251 et seq., and the
4 regulations promulgated thereunder. Whenever terms set forth below are used in this Stipulated
5 Order, the following definitions shall apply:

6 “Basin” shall mean the major divisions of the Satellite collections systems established in
7 the East Bay I/I Study prepared by EBMUD and the Satellites from 1980-1986 (“Study”), or as
8 modified by changes in collection system configuration due to sewer improvements constructed
9 since completion of the Study or more accurate delineation of the boundaries established in the
10 Study. In general, a basin represents an area of the collection system discharging to a single
11 point on the EBMUD interceptor system or several points in close proximity. Attached as
12 Exhibit A is an illustrative map of Basins in the EBMUD wastewater service area; this map is
13 provided for illustrative purposes only and does not necessarily reflect the locations of the Basins
14 that will be determined in documents produced by EBMUD pursuant to this Stipulated Order.

15 “Capacity Flow Limits” shall mean limitations on the wet weather flows at specified
16 locations calculated pursuant to this Stipulated Order that eliminate (1) the need for discharges
17 from the WWFs and (2) flows to the MWWTP in excess of the design capacity of any of the
18 MWWTP’s treatment processes.

19 “Complaint” shall mean the complaint filed in this matter by the United States on behalf
20 of Plaintiffs.

21 “CWA” shall mean the Clean Water Act, 33 U.S.C. §§ 1251 et seq.

22 “Day,” regardless of whether it is capitalized, shall mean a calendar day unless expressly
23 stated to be a working day. In computing any period of time under this Stipulated Order, where
24 the last day would fall on a Saturday, Sunday, or federal or State holiday, the period shall run
25 until the close of business of the next working day. Wherever this Stipulated Order requires an
26 act to be performed by a specified date (e.g., by December 31, 2011 or by August 31 of each
27 year), and the date falls on a Saturday, Sunday, or federal or State holiday, the time for
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1 performing the act shall be extended until the close of business of the next working day.
2 "Deliverable" shall mean any written report or other document required to be submitted
3 for Plaintiffs' approval pursuant to this Stipulated Order.
4 "East Bay Sanitary Sewer System" shall mean; collectively, the Satellites' collection
5 systems and EBMUD's interceptor system, WWFs, MWWTP and related wastewater handling
6 facilities.
7 "EBMUD" shall mean East Bay Municipal Utility District.
8 "Effective Date" shall mean the date upon which this Stipulated Order is entered by the
9 Court.
10 "EPA" shall mean the United States Environmental Protection Agency.
11 "Inflow and infiltration" or "I/I" shall mean the introduction of stormwater and
12 groundwater into EBMUD's interceptor system, the Satellites' collection systems and private
13 sewer laterals during wet weather events via direct connections, mis-connections, cracks and
14 other imperfections in system pipes, joints and manholes.
15 "Interceptor Connection Point" shall mean a point at which a Satellite's collection system
16 is connected to EBMUD's interceptor system.
17 "Paragraph" shall mean a portion of this Stipulated Order identified by an Arabic
18 numeral.
19 "Parties" shall mean the United States, the State Water Board, the Regional Water Board
20 and EBMUD.
21 "Plaintiffs" shall mean the United States, the State Water Board, and the Regional Water
22 Board.
23 "Regional Water Board" shall mean the California Regional Water Quality Control
24 Board, San Francisco Bay Region.
25 "Satellite" shall mean each cities and district that own or operate wastewater collection
26 systems from which EBMUD's interceptor system receives wastewater. As of the date of entry
27 of this Stipulated Order, the Satellites are the cities of Alameda, Albany, Berkeley, Emeryville,
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1 Oakland, and Piedmont; and the Stege Sanitary District.

2 "Section" shall mean a portion of this Stipulated Order identified by an uppercase Roman
3 numeral.

4 "State" shall mean the State of California.

5 "State Water Board" shall mean the California State Water Resources Control Board.

6 "Stipulated Order" shall mean this Stipulated Order.

7 "Sub-Basin" shall mean the subdivision of sewer basins as established in the East Bay I/I
8 Study, or as modified by changes in collection system configuration due to sewer improvements
9 constructed since completion of the Study or by more accurate delineation of the boundaries
10 established by the Study. Attached as Exhibit A is an illustrative map of Sub-Basins in the
11 EBMUD wastewater service area; this map is provided for illustrative purposes only and does not
12 necessarily reflect the locations of the Sub-Basins that will be determined in documents produced
13 by EBMUD pursuant to this Stipulated Order.

14 "Subsection" shall mean a portion of this Stipulated Order identified by a capital letter.

15 "United States" shall mean the United States of America.

16 "WWFs" shall mean EBMUD's three wet weather facilities, located at 2755 Point Isabel
17 Street, Richmond, 225 5th Avenue, Oakland, and 5597 Oakport Street, Oakland, respectively.

18 V. WORK

19 A. FLOW MONITORING/DATA ASSESSMENT

20 20. Within 210 days after the Effective Date, EBMUD shall submit a Flow
21 Monitoring/Data Assessment Program to EPA and the Regional Water Board for approval as
22 provided for in Section VII. The Flow Monitoring/Data Assessment Program shall be designed
23 to generate sufficient and accurate information to support development of the Flow Modeling and
24 Limits Report ("FMLR") provided for in Subsection B. Prior to submission of the Flow
25 Monitoring/Data Assessment Program to EPA and the Regional Water Board, EBMUD shall
26 conduct a workshop to which Plaintiffs and each of the Satellites shall be invited where EBMUD
27 shall present the draft Flow Monitoring/Data Assessment Program and solicit comments.
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1 EBMUD shall allow no less than 30 days for the submission of comments. All comments
2 provided as a result of this workshop, as well as any EBMUD responses, shall be submitted to
3 EPA and the Regional Water Board along with the Flow Monitoring/Data Assessment Program.
4 The Flow Monitoring/Data Assessment Program shall include the following three elements (as
5 more fully explained in the following three Paragraphs):

- 6 • A Flow Measurement Work Plan (“FMWP”).
- 7 • A Rainfall Measurement Work Plan (“RMWP”).
- 8 • A Data Assessment Work Plan (“DAWP”).

9 21. The FMWP shall consist of a map that identifies and plots all known Interceptor
10 Connection Points and all known points at which one Satellite’s collection system discharges into
11 another Satellite’s collection system (“Satellite-Satellite Connection Points”), and a schedule for
12 installation of flow monitoring devices sufficient to measure and record flows in EBMUD’s
13 interceptor system and the Satellites’ collection systems during both dry weather and rainfall
14 events. The FMWP shall be designed to provide measurement of flows no less frequently than
15 every 15 minutes. The FMWP shall include procedures for calibration, maintenance and repair
16 of flow-monitoring devices in accordance with the manufacturer recommendations. Flow
17 monitoring devices shall include flow monitors, data recording equipment, and any other
18 ancillary equipment needed for measurement and recording of flow data.

- 19 • The FMWP shall identify places in the EBMUD interceptor system and Satellite
20 collection systems where EBMUD proposes to maintain flow monitors. The flow
21 monitoring program shall include, but not be limited to, assessing flows at selected
22 Interceptor Connection Points (the total of which shall account for at least 90% of
23 all flows based on the estimates of Basin flow contributions developed from 2006
24 flow monitoring data and modeling results), selected locations on the EBMUD
25 interceptor system, and at significant Satellite-Satellite Connection Points. A
26 “significant” Satellite-Satellite Connection Point is one that includes an upstream
27 tributary area with either (1) more than approximately 200 sewer connections or
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(2) more than 5,000 feet of mainline sewer pipe. The FMWP shall be designed to quantify I/I contributions to EBMUD's interceptor system from each of the Basins within the Satellites' collection systems to enable the Parties to compare the Basins' respective I/I contributions to EBMUD's interceptor system.

- The FMWP shall include a technical report describing the flow monitoring devices intended to be employed in the flow monitoring program including, but not limited to, providing information on accuracy, reliability, and durability of the proposed monitoring technology. The technical report shall document the level of accuracy expected of the metering equipment based upon manufacturer's data, and describe potential physical and hydraulic conditions that may limit the in-situ flow monitoring accuracy or repeatability. The report shall include a quality assurance/quality control element to identify procedures designed to maximize the level of accuracy achieved. The report shall also include information as to the inventory of monitors (and ancillary equipment) needed to implement the flow monitoring program (including spare parts).
- The FMWP shall include a flow monitor installation schedule that shall provide for the completion of installation of flow monitoring devices no later than December 1, 2009 (and by December 1 of each subsequent year), so that two years of wet weather flow data can be collected before the deadline for submission of the FMLR. The FMWP shall also include a recommended schedule for calibration, maintenance and interrogation of flow monitoring devices.

22. The RMWP shall be designed to document rainfall totals, duration and intensity as a function of time within the Basins tributary to EBMUD's interceptor system.

- The RMWP shall be designed to generate information of sufficient detail to describe the rainfall totals, duration and intensity as a function of time within specific Basins tributary to EBMUD's interceptor system and, where feasible and appropriate, similar information within specific Sub-Basins within Satellite

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collection systems.

- The RMWP shall be coordinated with the FMWP so that data generated by the RMWP can be correlated with the FMWP with sufficient precision and reliability that technically appropriate conclusions can be drawn as to how flows within EBMUD's interceptor system and the Satellite's collection systems respond to particular rainfall events. To achieve this objective, the RMWP shall specify the purchase of gauge-adjusted radar rainfall data at a spatial resolution of 1 kilometer and a temporal resolution of 15 minutes.
- The RMWP shall include the number and location of existing and/or proposed rainfall-measuring equipment sufficient for adjusting the radar rainfall data, and a schedule that shall provide that all rainfall-measuring equipment shall be installed and operational prior to the completion of installation of the flow monitors specified in the FMWP. The RMWP also shall include a recommended schedule for calibration, maintenance and interrogation of rainfall-measuring equipment.

23. The DAWP shall consist of a description of the methodology that EBMUD shall employ to assess the data generated by the flow monitoring program. This shall include, but not necessarily be limited to, a description of the modeling methodology EBMUD intends to employ, an identification of the key assumptions employed in the modeling (e.g., regarding frequency and intensity of wet weather events), and an analysis demonstrating how the data assessment and modeling shall generate sufficiently complete and reliable information to support the FMLR. This description shall also include a discussion of the anticipated constraints and limitations in this data assessment and modeling effort including, but not necessarily limited to, a discussion of under what circumstances (e.g., inadequate rainfall, non-cooperation by Satellites) the data assessment and modeling effort could fail to generate, in a timely manner, sufficiently complete and reliable information, and a contingency plan to address such constraints and limitations should they arise.

24. Once the Flow Monitoring/Data Assessment Program is approved pursuant to

1 Section VII, EBMUD shall implement the Flow Monitoring/Data Assessment Program according
2 to the approved schedules in the work plans.

3 25. The Parties recognize that the Flow Monitoring/Data Assessment Program must
4 be sufficiently flexible to adapt to unforeseen circumstances (including, but not limited to
5 changes in technology). If EBMUD believes it is appropriate to materially modify any portion of
6 the approved Flow Monitoring/Data Assessment Program, it may seek to do so pursuant to the
7 provisions of Section VII (Review and Approval of Deliverables). For purposes of this
8 Paragraph, material modifications shall consist of changes to the FMWP, RMWP or DAWP that
9 result in a reduction in the number of flow monitoring locations; alteration to any key
10 assumptions in the DAWP; and any alteration to the key schedule milestones in the FMWP, the
11 RMWP or the DAWP. Prior to submission of a material modification to the approved Flow
12 Monitoring/Data Assessment Program, EBMUD shall convene a workshop to discuss the
13 proposed modification. EBMUD shall provide Plaintiffs and each Satellite with no less than 30
14 days advance notice of any such workshop, and make reasonable efforts to encourage each
15 Satellite to participate in any such workshop. EBMUD shall allow no less than 30 days for the
16 submission of comments. EBMUD shall provide all comments on the proposed modification,
17 along with any EBMUD responses, to Plaintiffs with its formal modification request. Provided,
18 however, that if EBMUD determines that the work required by this Stipulated Order will be
19 impaired if a submission of modification request is delayed to allow for a workshop, EBMUD
20 may submit a modification request with a justification for delaying its workshop. In such a
21 circumstance, EBMUD shall hold its workshop on its proposed modification as soon as
22 practicable after submitting its modification request and shall submit any comments on the
23 proposed modification to Plaintiffs as soon as practicable after the workshop. EBMUD shall not
24 implement any such material modification until said modification is approved by Plaintiffs (or
25 any dispute is resolved pursuant to Section X (Dispute Resolution)).

26 26. The Parties recognize that implementation of certain elements of the Flow
27 Monitoring/Data Assessment Program will require the cooperation of one or more of the
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1 Satellites. EBMUD shall use best efforts to secure the cooperation of the Satellites in
2 implementing all aspects of the Flow Monitoring/Data Assessment Program. If, at any point in
3 the development or implementation of the Flow Monitoring/Data Assessment Program, EBMUD
4 is refused necessary cooperation from a Satellite, EBMUD shall provide notice to the Plaintiffs.
5 Said notice shall identify the Satellite or Satellites that are refusing to cooperate and what aspects
6 of the Flow Monitoring/Data Assessment Program cannot be timely accomplished unless the
7 necessary cooperation is obtained.

8 B. FLOW MODELING AND LIMITS REPORT

9 27. No later than December 31, 2011, EBMUD shall submit the FMLR to EPA and
10 the Regional Water Board for review and approval. Prior to submitting the FMLR to EPA and
11 the Regional Water Board, EBMUD shall conduct a workshop to which Plaintiffs and each of the
12 Satellites shall be invited where EBMUD shall present the draft FMLR and solicit comments.
13 EBMUD shall allow no less than 30 days for the submission of comments. All comments
14 provided as a result of this workshop, as well as any EBMUD responses shall be submitted to
15 EPA and the Regional Water Board along with the FMLR.

- 16 • The FMLR shall summarize the data developed in the Flow Monitoring/Data
17 Assessment Program, and discuss the technical accuracy of the data and all
18 correlations among the data collected under the FMWP and RMWP. This shall
19 include identifying any data gaps and discussing appropriate methods to address
20 such gaps.
- 21 • The FMLR shall include a description of the modeling methodology utilized,
22 summaries of computer modeling results showing how flows from the Satellites
23 vary as a function of intensity, duration and location of rainfall, and discussion of
24 any modifications that could be made to improve the computer modeling system
25 as further data from the FMWP and RMWP are collected.
- 26 • The FMLR shall document wet weather flows and include alternative sets of
27 proposed Capacity Flow Limits corresponding to different assumptions as to the
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frequency and intensity of wet weather events, the shapes of future flow hydrographs, and capacity variation in different reaches of EBMUD’s interceptor system.

- The FMLR shall include a description of the modeling methodology utilized and an identification of the key assumptions employed in the modeling and calculation of proposed Capacity Flow Limits (e.g., regarding frequency and intensity of wet weather events).

28. If, due to non-cooperation of one or more of the Satellites, EBMUD is unable to obtain the data needed to timely complete the Flow Monitoring/Data Assessment Program or the FMLR, EBMUD may seek to modify the schedule for completion of the affected deliverable. Any such modification request shall be made no later than 30 days following when EBMUD was aware (or should have been aware with the exercise of due diligence) of the impact of such non-cooperation on the timely completion of the affected deliverable. Any dispute regarding a modification request pursuant to this Paragraph shall be resolved pursuant to Section X (Dispute Resolution).

C. REGIONAL PRIVATE SEWER LATERAL INSPECTION AND REPAIR OR REPLACEMENT PROGRAM

29. Within 240 days after the Effective Date, EBMUD shall adopt a Regional Private Sewer Lateral Ordinance (the “Regional Ordinance”) setting standards for the performance of lateral sewer pipes that extend from privately-owned structures to the Satellites’ collection systems (“private sewer laterals”). These standards shall provide for the testing of private sewer laterals; where needed, repair or replacement of defective laterals; and provide for elimination of improper inflow connections as further described below.

30. The Regional Ordinance shall, at a minimum, require the owner of a private sewer lateral to obtain a “Compliance Certificate” (defined below) (a) prior to transferring title to such structure, (b) prior to obtaining any permit or other approval needed for the construction or significant modification of any such structure and (c) prior to obtaining approval from EBMUD

1 for an increase or decrease in size of the owner's water service, as defined by Section 17 of
2 EBMUD's Regulations Governing Water Service to Customers. "Compliance Certificate" shall
3 mean a document issued by EBMUD – or by a Satellite under standards contained in a Satellite
4 ordinance, provided that such standards are no less stringent (as determined by EPA following
5 consultation with the Regional Water Board pursuant to the following Paragraph) than EBMUD's
6 standards set forth in the Regional Ordinance – certifying that the private sewer lateral in
7 question is in compliance with the applicable standards. With respect to the duration of
8 Compliance Certificates, the Regional Ordinance shall provide:

- 9 • If the Compliance Certificate is obtained as a result of complete replacement of
10 the private sewer lateral, the Compliance Certificate shall be valid for 20 years
11 from the date of issuance. Complete replacement, for these purposes, may include
12 lining of the complete length of the private sewer lateral.
- 13 • If the Compliance Certificate is obtained without complete replacement – e.g., as a
14 result of repair work or testing without repair – the Compliance Certificate shall
15 be valid for 7 years from the date of issuance.

16 31. Within 30 days after the Regional Ordinance's effective date, EBMUD shall make
17 written requests for cooperation to the Cities of Alameda, Albany, Berkeley, El Cerrito,
18 Emeryville, Oakland, Piedmont and Richmond and the Counties of Alameda and Contra Costa
19 (the public agencies in EBMUD's wastewater service area that are authorized to issue the permits
20 and other approvals referenced in the preceding Paragraph [the "Permitting Agencies"]) and
21 Stege Sanitary District. In these written requests, EBMUD shall (a) ask the Permitting Agencies
22 to include as part of the application process for such permits and approvals a requirement that the
23 applicant submit a valid Compliance Certificate, (b) give notice to the Permitting Agencies and
24 Stege Sanitary District of the opportunity to submit to EBMUD an application for a
25 determination that a private sewer lateral ordinance is "no less stringent" than the Regional
26 Ordinance ("No Less Stringent Application"). Within 30 days after EBMUD's receipt of any
27 "No Less Stringent Application," EBMUD shall submit to EPA and the Regional Water Board an
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1 analysis of the application for EPA's and the Regional Water Board's consideration. EPA,
2 following consultation with the Regional Water Board, shall determine whether to approve the
3 Application.

4 32. Within 180 days after the Effective Date, EBMUD shall submit a draft Private
5 Lateral Incentive Program Work Plan ("PLIPWP") to EPA and the Regional Water Board for
6 review and comment. Within 30 days after submitting the draft PLIPWP to EPA and the
7 Regional Water Board, EBMUD shall conduct a workshop to which Plaintiffs and each of the
8 Satellites shall be invited where EBMUD shall present the draft PLIPWP and solicit comments.
9 EBMUD shall allow no less than 30 days after the workshop for the submission of comments.
10 All comments provided as a result of this workshop, as well as any EBMUD responses shall be
11 submitted to EPA and the Regional Water Board along with the final PLIPWP (see below). The
12 draft PLIPWP shall include, at a minimum, (I) a financial incentive program to accelerate (as
13 compared to what the Regional Ordinance would achieve without the PLIPWP) the testing of
14 private sewer laterals, repair or replacement of defective sewer laterals where needed, and
15 elimination of improper inflow connections ("lateral improvement work"); (II) performance
16 standards for lateral improvement work; (III) specification of tracking information to be kept by
17 EBMUD (including, without limitation, the total amount of EBMUD's incentive payments for
18 each year and the number of private sewer laterals tested, repaired and/or replaced) under both
19 EBMUD's implementation of the Regional Ordinance and the PLIPWP; (IV) specification of
20 tracking information to be requested by EBMUD from each Satellite relating to private sewer
21 lateral work within the Satellite's jurisdiction including, but not limited to, data regarding the
22 implementation of lateral improvement work and whether the Permitting Agencies identified in
23 Paragraph 31 have incorporated the Compliance Certificate requirements provided for in
24 Paragraph 31; (V) reporting requirements relating to both EBMUD's tracking information and
25 the Satellites' responses to EBMUD's requests for Satellite tracking information; and (VI)
26 schedules for the performance of all activities required under the PLIPWP. Within 60 days after
27 the Regional Ordinance's adoption, EBMUD shall submit a final PLIPWP to EPA and the
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1 Regional Water Board for approval as provided for in Section VII.

2 33. The PLIPWP shall require EBMUD to spend an average of at least \$2,000,000 per
3 year for such incentives during the term of this Stipulated Order (the "Required Spend"). The
4 PLIPWP shall provide that the costs incurred by EBMUD in administering the Private Lateral
5 Incentive Program ("PLIP Costs") – as distinguished from money paid to property owners,
6 contractors engaged by the owners and contractors engaged by EBMUD to test and, as needed,
7 repair or replace the owners' private sewer laterals ("PLIP Payments") – shall not be counted in
8 determining whether EBMUD has achieved the Required Spend. The PLIPWP shall be designed
9 with the goal of maximizing, to the extent reasonably practicable while still achieving the
10 Required Spend, reduction of I/I from private sewer laterals. The PLIPWP shall identify initial
11 high priority areas (those areas EBMUD will focus on first for lateral improvement work), and
12 provide the reasoning behind the designation of each initial high priority area. In identifying both
13 initial and later high priority areas, EBMUD shall consider, without limitation, the following
14 criteria (A) age of sewer and private sewer lateral piping, taking into account the latest repair
15 work performed on the piping, (B) areas where work was performed on the sewer main but high
16 I/I still exists, (C) areas where work is already being done (e.g., on the sewer main) so economies
17 of scale can be achieved to minimize cost of private sewer lateral work and (D) areas known to
18 have ongoing high I/I issues.

19 34. The Parties recognize and agree that (i) the goal of maximizing reduction of I/I
20 from private sewer laterals includes the concept of minimizing "redundancy" (defined as the
21 extent to which incentive dollars are used to pay for work that would have been required by the
22 Regional Ordinance in the absence of the PLIPWP) and (ii) redundancy cannot be completely
23 avoided.

24 35. EBMUD's compliance with the Required Spend requirement of Paragraph 33
25 shall be determined annually as of the anniversary of the Required Spend Start Date. The
26 Required Spend Start Date shall be the later of (i) the date the PLIPWP is approved pursuant to
27 Section VII, and (ii) the date any Dispute Resolution (Section X) procedures with respect to the
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1 approval of the PLIPWP have been completed. As of each anniversary of the Required Spend
2 Start Date, EBMUD shall document that it has achieved the Required Spend of \$2,000,000 per
3 year. EBMUD shall achieve the Required Spend through incentive payments consistent with the
4 requirements of the PLIPWP. To the extent that incentive payments are less than the Required
5 Spend in any year, EBMUD shall deposit the residue - up to the Annual Deposit Limit as set out
6 below - into a segregated Deposit Account (held by an FDIC-insured institution) to be used
7 solely for PLIP Payments, and such deposits shall count toward the Required Spend. The Annual
8 Deposit Limit shall decline over time as follows:

- 9 • On the first anniversary of the Required Spend Start Date, the Annual Deposit Limit
10 shall be \$2,000,000.
- 11 • On the second anniversary of the Required Spend Start Date, the Annual Deposit Limit
12 shall be \$1,500,000.
- 13 • On the third anniversary of the Required Spend Start Date, the Annual Deposit Limit
14 shall be \$1,000,000.
- 15 • On the subsequent anniversaries of the Required Spend Start Date, the Annual Deposit
16 Limit shall be \$500,000.

17 As of each anniversary of the Required Spend Start Date – starting on the fourth anniversary,
18 EBMUD shall further document that the total sum retained in the Deposit Account (excluding
19 any accrued interest) does not exceed the sum of the Annual Deposit Limits for the previous three
20 years. Any such excess sums retained in the Deposit Account shall constitute Surplus Deposits.

21 36. Once the final PLIPWP is approved pursuant to Section VII and any Dispute
22 Resolution (Section X) procedures have been completed, EBMUD shall implement the PLIPWP
23 according to the approved schedules contained therein. Within 30 days after the approval of the
24 PLIPWP, EBMUD shall make written requests to the Permitting Agencies (defined in Paragraph
25 31) and Stege Sanitary District to provide annual reports including the tracking information
26 prescribed in the PLIPWP pursuant to Paragraph 32 (IV).

27 37. EBMUD shall keep records specifying for each Compliance Certificate (a) the
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1 date, (b) the location of the subject private sewer lateral and (c) the amount of EBMUD's
2 incentive payment, if any. During the term of this Stipulated Order, EBMUD, in its annual
3 reports to Plaintiffs, shall (i) provide all the information required under the PLIPWP, and (ii)
4 specify whether EBMUD recommends any changes to the PLIPWP (other than changes to the
5 Required Spend amount). If, at any time, EBMUD recommends changes to the PLIPWP,
6 EBMUD shall continue to operate under the approved PLIPWP until such time, if any, as the
7 recommended changes are approved pursuant to Section VII and any Dispute Resolution (Section
8 X) procedures have been completed, at which time EBMUD shall implement the changed
9 PLIPWP according to the approved schedules contained therein.

10 D. ASSET MANAGEMENT AND INTERIM OPERATION

11 38. Within 210 days after the Effective Date, EBMUD shall submit an Interceptor
12 System Asset Management Work Plan ("ISAMWP") to EPA and the Regional Water Board for
13 approval pursuant to Section VII. The ISAMWP shall include, at a minimum, (a) schedules and
14 reporting requirements for the inspection of EBMUD's entire interceptor system within five
15 years, (b) interceptor system maintenance protocols, including recommendations for cleaning and
16 (c) schedules for the types of interceptor system repairs and replacement that EBMUD shall
17 undertake as needed based on the inspection results. Prior to submission of the ISAMWP to EPA
18 and the Regional Water Board, EBMUD shall conduct a workshop to which Plaintiffs and each
19 of the Satellites shall be invited where EBMUD shall present a draft ISAMWP and solicit
20 comments. EBMUD shall allow no less than 30 days after the workshop for the submission of
21 comments. All comments provided as a result of this workshop, as well as any EBMUD
22 responses shall be submitted to EPA and the Regional Water Board along with the final
23 ISAMWP. Once the ISAMWP is approved pursuant to Section VII and any Dispute Resolution
24 (Section X) procedures have been completed, EBMUD shall implement the ISAMWP according
25 to the approved schedules contained therein.

26 39. Within 120 days after the Effective Date, EBMUD shall make written requests
27 asking the Satellites to meet to discuss and provide input into EBMUD's preparation of a
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1 Collection System Asset Management Template. The requests shall include a schedule of not
2 less than six meetings to which all Satellites and EPA and the Regional Water Board are invited
3 over the ensuing 18 months. At the last meeting, EBMUD shall provide the Satellites and EPA
4 and the Regional Water Board with a written final draft of the Template and afford the Satellites
5 90 days to provide written comments. Within four months after the end of the comment period
6 on the final draft, EBMUD shall submit the Template – together with all written comments
7 received from the Satellites and any responses by EBMUD – to EPA and the Regional Water
8 Board. The Template shall include an industry-standard asset management program and
9 associated information system suitable for the Satellites’ collection systems. The Template shall
10 include, at a minimum, a program (including schedules and reporting requirements) calling for
11 (a) routine inspection (including a process for detection of improper inflow connections) of the
12 entire collection system according to a specified schedule with a protocol for determining the
13 regular time interval on which repeat inspections would be performed, (b) collection system
14 maintenance protocols including recommendations for cleaning and (c) repairs and replacement
15 to occur as needed (including elimination of improper inflow connections) according to a
16 schedule informed by the inspection results.

17 40. Within 180 days after the Effective Date, EBMUD shall hold a workshop to which
18 Plaintiffs and the Satellites shall be invited. At the workshop, EBMUD shall make a presentation
19 on the WWF’s operating procedures and solicit comments. EBMUD shall allow no less than 30
20 days following the workshop for the submission of comments. All written comments provided as
21 a result of this workshop, as well as any EBMUD responses shall be submitted to EPA and the
22 Regional Water Board within 60 days after the workshop.

23 E. CONDITIONAL ASSUMPTION OF RESPONSIBILITY FOR COLLECTION
24 SYSTEMS

25 41. It may be in the mutual interest of EBMUD and one or more of the Satellites to
26 have EBMUD take over ownership and operation of all assets included in or necessary to the
27 operation of a Satellite’s collection system. Any such undertaking will require an agreement
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1 between EBMUD and the affected Satellite(s) regarding the disposition of the affected assets and
2 associated revenues and liabilities.

3 42. No later than 30 days after the Effective Date, EBMUD shall provide notice to the
4 governing bodies of each of the Satellites of its willingness to enter into negotiations concerning
5 undertaking the operation of each Satellite's collection system. Such notice shall identify the
6 issues that must be addressed in any such negotiations including, without limitation, issues
7 regarding the transfer of assets and contract rights and the allocation of rights and liabilities.

8 VI. ANNUAL REPORTING REQUIREMENTS

9 43. Timing. By August 31 of each year between the Effective Date and the
10 Termination Date, EBMUD shall submit to Plaintiffs an annual progress report.

11 44. Contents. Each annual progress report shall include a summary discussion of each
12 of the following for the period from July 1 of the previous year through June 30 of the current
13 year: (a) work performed by EBMUD, (b) costs incurred by EBMUD for the work [these costs
14 shall be segregated to track each subsection of the Work (Section V)], (c) Deliverables submitted
15 to Plaintiffs, (d) Plaintiffs' actions regarding the Deliverables, (e) any Dispute Resolution
16 proceedings, (f) measured and modeled flows as compared to Capacity Flow Limits (once
17 approved by EPA) and any trends observed, (g) private sewer lateral compliance records, as
18 described in Paragraph 32 (including tracking information acquired from the Permitting
19 Agencies and Stege Sanitary District pursuant to Paragraphs 32 (IV) and 36), (h) discharge
20 events from the Wet Weather Facilities, and (i) any recommended or required changes to the
21 work required by Section V, including any proposed material modifications, for the following
22 year. If the Annual Report documents that any of the obligations subject to stipulated penalties
23 may not have been fully complied with, and EBMUD takes the position that potentially
24 applicable stipulated penalties should not be assessed, or pursuant to Paragraph 57, should be
25 reduced or waived, EBMUD may include in the Annual Report an explanation as to why EPA
26 and the Regional Water Board should forego collecting such penalties. In calculating costs
27 incurred by EBMUD in connection with the work, EBMUD shall include all in-house costs and
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1 outside contractor costs.

2 45. Each annual report shall be submitted to the persons designated in the Notices
3 Section of this Stipulated Order.

4 46. Each annual report shall be signed by an EBMUD official and include the
5 following certification:

6 I certify under penalty of law that this document and its attachments were prepared either
7 by me personally or under my direction or supervision in a manner designed to ensure
8 that qualified and knowledgeable personnel properly gathered and presented the
9 information contained therein. I further certify, based on my personal knowledge or on
10 my inquiry of those individuals immediately responsible for obtaining the information,
that to the best of my knowledge and belief the information is true, accurate and
complete. I am aware that there are significant penalties for submitting false information,
including the possibility of fines and imprisonment for knowing and willful submission of
a materially false statement.

11 47. Concurrently with the annual report, EBMUD shall submit an ISAMWP update to
12 EPA and the Regional Board for approval. The ISAMWP update shall include the results of
13 inspections performed as part of the ISAMWP, identification any uncompleted repair or
14 replacement work required by the ISAMWP and schedules for completing such work.

15 48. The reporting requirements of this Stipulated Order do not relieve EBMUD of any
16 reporting obligations required by the CWA or the California Water Code or their implementing
17 regulations, or by any other federal, state, or local law, regulation, permit, or other requirement.

18 49. No less than 60 days after submission of each annual report, EBMUD shall
19 convene a workshop to discuss the work performed in the past year and plans for the work to be
20 performed in the coming year. EBMUD shall provide Plaintiffs and each Satellite with no less
21 than 30 days advance notice of each workshop, and make reasonable efforts to encourage each
22 Satellite to participate in each workshop. EBMUD shall allow no less than 30 days for the
23 submission of comments. EBMUD shall provide all comments on the annual report, along with
24 any EBMUD responses, to Plaintiffs within 60 days after the workshop.

25 VII. REVIEW AND APPROVAL OF DELIVERABLES

26 50. Within 90 days of submission to EPA and the Regional Water Board of any
27 Deliverable, EPA, following consultation with the Regional Water Board, shall, in writing: (a)

1 approve the Deliverable, (b) approve the Deliverable with conditions, (c) approve part of the
2 Deliverable and disapprove the remainder, or (d) disapprove the Deliverable. If EPA does not do
3 one of these four things within the 90-day period, EBMUD shall have the right to invoke the
4 procedures set forth in Section X (Dispute Resolution). EPA and the Regional Water Board shall
5 use their best efforts to timely respond to any Deliverable as provided for by this Paragraph and
6 promptly communicate with EBMUD at such time as they become aware of any constraint on
7 timely response to a Deliverable.

8 51. If the submission is approved pursuant to this Section, EBMUD shall take all
9 actions required by the Deliverable, in accordance with the schedules and requirements of the
10 Deliverable as approved. If the submission is conditionally approved or approved only in part,
11 EBMUD shall, upon written direction of EPA, following consultation with the Regional Water
12 Board, take all actions required by the approved Deliverable that EPA determines are technically
13 severable from any disapproved portions, subject to EBMUD's right to dispute only the specified
14 conditions or the disapproved portions, under Section X (Dispute Resolution).

15 52. If the Deliverable is disapproved in whole or in part pursuant to this Section,
16 EBMUD shall, within 60 days or such other time as the Parties agree to in writing, correct all
17 deficiencies and resubmit the Deliverable, or disapproved portion thereof, for approval, in
18 accordance with the preceding Paragraphs. Alternatively, EBMUD may invoke the Dispute
19 Resolution Section of this Stipulated Order.

20 53. If a resubmitted Deliverable, or portion thereof, is disapproved in whole or in part,
21 EPA, following consultation with the Regional Water Board, may again require EBMUD to
22 correct any deficiencies, in accordance with the preceding Paragraphs, subject to EBMUD's right
23 to invoke Dispute Resolution.

24 VIII. STIPULATED PENALTIES

25 54. EBMUD shall be liable for Stipulated Penalties to Plaintiffs for the following
26 violations of this Stipulated Order as specified below:

27 55. Delays in Submission of Deliverables. EBMUD shall be subject to the following
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1 stipulated penalties for each failure to timely submit to Plaintiffs, whether in draft or final form, a
2 Deliverable or Annual Report subject to a deadline under this Stipulated Order:

| <u>Period of Noncompliance</u> | <u>Penalty Per Day for Failure to Timely Submit</u> |
|--------------------------------|---|
| Days 1-30 | \$250 |
| Days 31-60 | \$500 |
| Days over 61 | \$2,000 |

7 56. Failure to Complete Specified Work.

8 a. EBMUD shall be subject to the following stipulated penalties for failure to
9 timely adopt a Regional Ordinance consistent with the minimum requirements of
10 Paragraphs 29-30:

| <u>Period of Noncompliance</u> | <u>Penalty Per Day for Failure to Timely Submit</u> |
|--------------------------------|---|
| Days 1-30 | \$1,000 |
| Days 31-60 | \$1,500 |
| Days over 61 | \$2,000 |

15 b. If, in any year, the Required Spend provided for pursuant to Paragraphs 33 and
16 35 does not reach \$2,000,000, EBMUD shall be subject to a stipulated penalty of up to
17 the amount of the shortfall.

18 c. If, in any year, Surplus Deposits are retained in the Deposit Credit Account,
19 such Surplus Deposits shall be subject to forfeiture as a stipulated penalty.

20 57. Each Plaintiff may, in the un-reviewable exercise of its discretion, reduce or waive
21 stipulated penalties otherwise due to it under this Stipulated Order.

22 58. Upon demand, fifty percent (50%) of each payment of stipulated penalties made
23 pursuant to this Section shall be made to the United States, and fifty percent (50%) of each
24 payment shall be made to the Regional Water Board, using the penalty payment procedures set
25 forth in the following Paragraph. Plaintiffs may modify these payment procedures through
26 written notice to EBMUD.

27 59. EBMUD shall pay Stipulated Penalties owing to the United States by certified or
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1 cashier's check in the amount due payable to the "U.S. Department of Justice," referencing DOJ
2 No. 90-5-1-1-09361 and the civil action number of this matter and delivered to the office of the
3 United States Attorney, Northern District of California, Financial Litigation Unit, 450 Golden
4 Gate Avenue, 11th Floor, San Francisco, CA 94102, unless the United States directs EBMUD to
5 pay by EFT in accordance with Section VIII of this Stipulated Order. EBMUD shall pay
6 Stipulated Penalties owing to the Regional Water Board by sending a certified or cashier's check
7 payable to "State Water Pollution Cleanup and Abatement Account" to: Executive Officer,
8 California Regional Water Quality Control Board, San Francisco Bay Region, 1515 Clay Street,
9 Suite 1400, Oakland, CA 94612.

10 60. If EBMUD fails to pay Stipulated Penalties according to the terms of this
11 Stipulated Order, EBMUD shall be liable for interest on such penalties, as provided for in 28
12 U.S.C. § 1961, accruing as of the date payment became due, subject to the following Paragraph.

13 61. Upon receipt of Plaintiffs' written demand for payment of a stipulated penalty,
14 EBMUD may dispute its liability for such stipulated penalty pursuant to the Dispute Resolution
15 Section of this Stipulated Order. Pending resolution of any such dispute, stipulated penalties
16 continue to accrue if the obligation at issue has not been met and interest on any unpaid penalties
17 accrues pursuant to the terms of the preceding Paragraph. Upon the completion of dispute
18 resolution, any stipulated penalties that are ultimately determined to be due, plus interest as
19 applicable, shall be paid within 20 days of the date of Plaintiffs' written decision or, if applicable,
20 any Court order.

21 62. The payment of stipulated penalties shall not alter in any way EBMUD's
22 obligation to complete the performance of all activities required under this Stipulated Order.
23 Payment of stipulated penalties pursuant to this Section shall be in addition to any other rights or
24 remedies that shall be available to Plaintiffs by reason of EBMUD's failure to comply with the
25 requirements of this Stipulated Order, or any other applicable federal, state or local laws,
26 regulations, NPDES permits, and all other applicable permits.
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IX. FORCE MAJEURE

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2 63. A "force majeure event" is any event beyond the control of EBMUD, its
3 contractors, or any entity controlled by EBMUD that delays the performance of any obligation
4 under this Stipulated Order despite EBMUD's best efforts to fulfill the obligation. "Best efforts"
5 includes anticipating reasonably foreseeable force majeure events and taking appropriate
6 preventive actions before a force majeure event occurs. "Best efforts" also includes addressing
7 the effects of any force majeure event (a) as it is occurring and (b) after it has occurred, to
8 prevent or minimize any resulting delay to the extent reasonably practicable. "Force Majeure"
9 does not include EBMUD's financial inability to perform any obligation under this Stipulated
10 Order.

11 64. EBMUD shall provide written notice, as provided in Section XIV of this
12 Stipulated Order (Notices), within 30 days of the time EBMUD first knew of, or by the exercise
13 of due diligence, should have known of, a claimed force majeure event. The notice shall state the
14 anticipated duration of any delay, its cause(s), EBMUD's past and proposed actions to prevent or
15 minimize any delay, a schedule for carrying out those actions, and EBMUD's rationale for
16 attributing any delay to a force majeure event. Failure to provide written notice as required by
17 this Paragraph shall preclude EBMUD from asserting any claim of force majeure.

18 65. If EPA, following consultation with the Regional Water Board, agrees that a force
19 majeure event has occurred, it may agree to extend the time for EBMUD to perform the affected
20 requirements for the time necessary to complete those obligations. An extension of time to
21 perform the obligations affected by a force majeure event shall not, by itself, extend the time to
22 perform any other obligation. Where EPA, following consultation with the Regional Water
23 Board, agrees to an extension of time, the appropriate modification shall be made pursuant to
24 Section XVI of this Stipulated Order (Modification).

25 66. If EPA, following consultation with the Regional Water Board, does not agree that
26 a force majeure event has occurred, or does not agree to the extension of time sought by
27 EBMUD, EPA's position shall be binding, unless EBMUD invokes Dispute Resolution under
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1 Section X of this Stipulated Order. In any such dispute, EBMUD bears the burden of proving, by
2 a preponderance of the evidence, that each claimed force majeure event is a force majeure event,
3 that EBMUD gave the notice required hereunder, that the force majeure event caused any delay
4 EBMUD claims was attributable to that event, and that EBMUD exercised best efforts to prevent
5 or minimize any delay caused by the event.

6 X. DISPUTE RESOLUTION

7 67. Unless otherwise expressly provided for in this Stipulated Order, all disputes
8 under this Stipulated Order are subject to dispute resolution, and the dispute resolution
9 procedures of this Section shall be the exclusive mechanism to resolve disputes arising under or
10 with respect to this Stipulated Order. However, such procedures shall not apply to actions by the
11 United States and the Regional Water Board to enforce obligations of EBMUD that have not
12 been disputed in accordance with this Section.

13 68. Informal Dispute Resolution. Any dispute subject to dispute resolution under this
14 Stipulated Order shall first be the subject of informal negotiations. The dispute shall be
15 considered to have arisen when EBMUD sends Plaintiffs a written Notice of Dispute. Such
16 Notice of Dispute shall state clearly the matter in dispute. The period of informal negotiations
17 shall not exceed 20 days from the date the dispute arises, unless that period is modified by written
18 agreement. If the Parties cannot resolve a dispute by informal negotiations, then the position
19 advanced by Plaintiffs shall be considered binding unless, within 30 days after the conclusion of
20 the informal negotiation period, EBMUD invokes the dispute resolution procedures as set forth in
21 the following three Paragraphs (the "DR Paragraphs").

22 69. Dispute Resolution. EBMUD shall invoke the dispute resolution procedures of
23 the DR Paragraphs within the time period provided in the preceding Paragraph by serving on
24 Plaintiffs a written Statement of Position regarding the matter in dispute. The Statement of
25 Position shall include, but may not necessarily be limited to, any factual data, analysis, or opinion
26 supporting the position and any supporting documentation relied upon by EBMUD. EPA,
27 following consultation with the Regional Water Board, shall serve the Plaintiffs' Statement of
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1 Position within 45 days after service of EBMUD's Statement of Position. Plaintiffs' Statement
2 of Position shall include, but may not necessarily be limited to, any factual data, analysis, or
3 opinion supporting that position and all supporting documentation relied upon by the United
4 States and the Regional Water Board. Plaintiffs' Statement of Position shall be binding unless
5 EBMUD files a motion for judicial review of the dispute in accordance with the following
6 Paragraphs.

7 70. Judicial Dispute Resolution. EBMUD may seek judicial review of the dispute
8 against Plaintiffs by filing with the Court and serving on Plaintiffs in accordance with Section
9 XIV of this Stipulated Order (Notices), a motion requesting judicial resolution of the dispute.
10 The motion must be filed within 60 days after service of Plaintiffs' Statement of Position
11 pursuant to the preceding Paragraph. The motion shall contain a written statement of EBMUD's
12 position on the matter in dispute, including any supporting factual data, analysis, opinion, or
13 documentation, and shall set forth the relief requested and any schedule within which the dispute
14 must be resolved for orderly implementation of this Stipulated Order. Plaintiffs shall have at
15 least 60 days in which to respond to EBMUD's motion. EBMUD may file a reply memorandum
16 to the extent permitted by the Local Rules. In any dispute in District Court under this Section X,
17 EBMUD shall bear the burden of demonstrating by a preponderance of the evidence that
18 EBMUD's position on the issues in dispute best complies with this Stipulated Order.

19 71. Effect on Stipulated Order Obligations. The invocation of dispute resolution
20 procedures under this Section shall not, by itself, extend, postpone, or affect in any way any
21 obligation of EBMUD under this Stipulated Order, unless and until the final resolution of the
22 dispute so provides. Stipulated Penalties with respect to the disputed matter shall continue to
23 accrue from the first day of noncompliance, but payment shall be stayed pending resolution of the
24 dispute as provided in Section VIII. If EBMUD does not prevail on the disputed issue, Stipulated
25 Penalties shall be assessed and paid as provided in Section VIII.

26 XI. INFORMATION COLLECTION AND RETENTION

27 72. Plaintiffs and their representatives, including attorneys, contractors, and
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1 consultants, shall have the right of entry on EBMUD property at all reasonable times, upon
2 presentation of credentials, to:

- 3 a. monitor the progress of activities required under this Stipulated Order;
- 4 b. verify any data or information submitted to Plaintiffs in accordance with
5 the terms of this Stipulated Order;
- 6 c. obtain documentary evidence, including photographs and similar data; and
- 7 d. assess EBMUD's compliance with this Stipulated Order.

8 73. Until the termination of this Stipulated Order and any subsequent order or decree
9 entered in this matter, EBMUD shall retain, and shall instruct its contractors and agents to
10 preserve, all final versions of records and documents (including records or documents in
11 electronic form) in its or its contractors' or agents' possession or control, or that come into its or
12 its contractors' or agents' possession or control, that document EBMUD's performance of its
13 obligations under this Stipulated Order. This record retention requirement shall apply regardless
14 of any EBMUD, corporate, or institutional document-retention policy to the contrary. At any
15 time during this record-retention period, Plaintiffs may request copies of any documents or
16 records required to be maintained under this Paragraph.

17 74. This Stipulated Order in no way limits or affects any right of entry and inspection,
18 or any right to obtain information, held by Plaintiffs pursuant to applicable federal or state laws,
19 regulations, or permits, nor does it limit or affect any duty or obligation of EBMUD to maintain
20 records or information imposed by applicable federal or state laws, regulations, or permits.

21 XII. EFFECT OF SETTLEMENT/RESERVATION OF RIGHTS

22 75. This Stipulated Order is a partial remedy for the civil claims of the United States
23 and the State of California (including the Regional and State Water Boards) for the violations
24 alleged in the Complaint filed in this action. Therefore, this Stipulated Order does not resolve
25 these civil claims and is without prejudice to the United States' and the State of California's
26 (including the Regional and State Water Boards) right to seek further relief to address these
27 claims or any future claims, including, but not limited to, further injunctive relief, and civil
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1 penalties, and the right of the United States and the State of California (including the Regional
2 and State Water Boards) to seek further administrative relief to address these claims. It is the
3 present intention of the Parties to seek to negotiate a subsequent agreement to resolve the civil
4 claims of the United States and the State of California (including the Regional and State Water
5 Boards) for the violations alleged in the Complaint. However, the Parties recognize that such
6 negotiations may not result in such a resolution and that the United States and the State of
7 California (including the Regional and State Water Boards) reserve the right to take such actions
8 as they deem appropriate and necessary to resolve these claims and any future claims. In this and
9 any subsequent administrative or judicial proceeding initiated by the United States and/or the
10 State of California (including the Regional and State Water Boards) for injunctive relief, civil
11 penalties, or other appropriate relief relating to Defendant's compliance with the Clean Water Act
12 and/or the California Water Code, Defendant shall not assert, and may not maintain, any defense
13 or claim based upon the principles of waiver, res judicata, collateral estoppel, issue preclusion,
14 claim preclusion, claim-splitting, or other defenses based upon any contention that the claims
15 raised by the United States and/or the State of California (including the Regional and State Water
16 Boards) in the subsequent proceeding were or should have been brought in the instant case. In
17 this and any subsequent administrative or judicial proceeding initiated by the United States
18 and/or the State of California (including the Regional and State Water Boards) for injunctive
19 relief, civil penalties, or other appropriate relief relating to Defendant's compliance with the
20 Clean Water Act and/or the California Water Code, Plaintiffs shall not assert, and may not
21 maintain, that Defendant is barred or in any way hindered from asserting any defense or claim
22 based upon the principles of waiver, res judicata, collateral estoppel, issue preclusion, claim
23 preclusion, claim-splitting, or other principles based upon any contention that the defense or
24 claim raised by Defendant in the subsequent proceeding were or should have been brought in the
25 instant case.

26 76. This Stipulated Order also does not resolve the claims of the State of California
27 (including the Regional and State Water Boards) for litigation costs (including attorneys fees)
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1 pursuant to Cal. Code Civ. Proc. § 1021.8.

2 77. The United States and the State of California (including the Regional and State
3 Water Boards) reserve all legal and equitable remedies available to enforce the provisions of this
4 Stipulated Order. This Stipulated Order shall not be construed to prevent or limit the rights of the
5 United States or the State of California (including the Regional and State Water Boards) to obtain
6 penalties or injunctive relief under the Act or implementing regulations, or under other federal or
7 state laws, regulations, or permit conditions.

8 78. This Stipulated Order is not a permit, or a modification of any permit, under any
9 federal, state, or local laws or regulations. EBMUD is responsible for achieving and maintaining
10 complete compliance with all applicable federal, state, and local laws, regulations, and permits.
11 The United States and the State of California (including the Regional and State Water Boards) do
12 not, by their consent to the entry of this Stipulated Order, warrant or aver in any manner that
13 EBMUD's compliance with any aspect of this Stipulated Order will result in compliance with
14 provisions of the CWA or the California Water Code.

15 79. Nothing in this Stipulated Order shall constitute an admission of any fact or of any
16 liability or a waiver of any right unless explicitly set forth herein. From the commencement of
17 this action through the termination of this Stipulated Order, Plaintiffs shall be deemed to be
18 "diligently prosecuting" this action as that term is used in CWA § 505(b)(1)(B), 33 U.S.C.
19 §1365(b)(1)(B).

20 80. This Stipulated Order does not limit or affect the rights of EBMUD or of the
21 Plaintiffs against any third parties not party to this Stipulated Order, nor does it limit the rights of
22 third parties not party to this Stipulated Order against EBMUD, except as otherwise provided by
23 law.

24 81. This Stipulated Order shall not be construed to create rights in, or grant any cause
25 of action to, any third party not party to this Stipulated Order.

26 82. Nothing in this Stipulated Order shall limit EBMUD's ability to modify its
27 program for the design, planning, construction, operation, and maintenance of its facilities in any
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1 fashion not inconsistent with this Stipulated Order.

2 83. Following entry of this Stipulated Order, EBMUD shall dismiss its civil action
3 (Alameda Superior Court Case No. RG07-329-738) contesting State Water Resources Control
4 Board Order WQ 2007-0004.

5 XIII. COSTS

6 84. The Parties shall bear their own costs of this action, including attorneys
7 fees, except Plaintiffs shall be entitled to collect the costs (including attorneys fees) incurred in
8 any action necessary to collect any Stipulated Penalties due but not paid by EBMUD (for the
9 purposes of this Paragraph, Stipulated Penalties are not "due" until after the conclusion of dispute
10 resolution proceedings regarding the Stipulated Penalties pursuant to the Dispute Resolution
11 Section of this Stipulated Order, if any).

12 XIV. NOTICES

13 85. Unless otherwise specified herein, whenever notifications, submissions, or
14 communications are required by this Stipulated Order they shall be made in writing and
15 addressed as follows:

16 a. To EPA:

17 Chief, Clean Water Act Compliance Office (WTR-7), Water Division
18 U.S. Environmental Protection Agency, Region 9
19 75 Hawthorne Street
20 San Francisco, CA 94105

21 b. To the Regional Water Board:

22 Executive Officer
23 San Francisco Bay Regional Water Quality Control Board
24 1515 Clay Street, Suite 1400
25 Oakland, CA 94612

26 and

27 John Davidson
28 Supervising Deputy Attorney General
455 Golden Gate Avenue, Suite 11000
San Francisco, CA 94102

c. To the United States:

1 Chief, Clean Water Act Compliance Office(WTR-7), Water Division
2 U.S. Environmental Protection Agency, Region 9
3 75 Hawthorne Street
4 San Francisco, CA 94105

5 and

6 Chief, Environmental Enforcement Section
7 Environment and Natural Resources Division
8 U.S. Department of Justice
9 Box 7611 Ben Franklin Station
10 Washington, D.C. 20044-7611
11 Re: DOJ No. 90-5-1-1-09361

12 d. To the State Water Board:

13 Executive Director
14 State Water Resources Control Board
15 P.O. Box 100
16 Sacramento, CA 95812-0100

17 e. To Plaintiffs:

18 To the United States and the State and Regional Water Boards as indicated in "b," "c" and
19 "d" above.

20 f. To EBMUD:

21 Director of Wastewater
22 East Bay Municipal Utility District
23 375 Eleventh Street
24 P.O. Box 24055
25 Oakland, CA 94607-4240

26 and

27 General Counsel
28 East Bay Municipal Utility District
375 Eleventh Street
P.O. Box 24055
Oakland, CA 94607-4240

and

Brian S. Haughton, Esq.
Barg Coffin Lewis & Trapp, LLP
350 California Street, 22nd Floor
San Francisco, California 94104-1435

86. Any Party may, by written notice to the other Parties, change its designated notice recipient(s) or notice address(es) provided above.

1 Order. EBMUD shall not seek relief from the Stipulated Order unless it certifies to Plaintiffs
2 and the Court that there are no outstanding Stipulated Penalty assessments pending pursuant to
3 this Stipulated Order.

4 94. Before the Court terminates the Stipulated Order, the party or parties moving for
5 termination shall submit a proposed order for approval of the Court providing for the expenditure
6 of all remaining funds in the Deposit Account in a timely manner consistent with the provisions
7 of the PLIPWP.

8 XVIII. PUBLIC PARTICIPATION

9 95. This Stipulated Order shall be lodged with the Court for a period of not less than
10 30 days for public notice and comment in accordance with 28 C.F.R. § 50.7. Plaintiffs reserve
11 the right to withdraw or withhold their consent if comments regarding this Stipulated Order
12 disclose facts or considerations indicating that this Stipulated Order is inappropriate, improper, or
13 inadequate. EBMUD consents to entry of this Stipulated Order without further notice.

14 XIX. SIGNATORIES/SERVICE

15 96. Each undersigned representative of the Defendant, the Regional Water Board, the
16 State Water Board, and the Assistant Attorney General for the Environment and Natural
17 Resources Division of the Department of Justice certifies that he or she is fully authorized to
18 enter into the terms and conditions of this Stipulated Order and to execute and legally bind the
19 Party he or she represents to this document.

20 97. This Stipulated Order may be signed in counterparts, and its validity shall not be
21 challenged on that basis.

22 XX. INTEGRATION

23 98. This Stipulated Order constitutes the final, complete, and exclusive agreement and
24 understanding among the Parties with respect to the settlement embodied in this Stipulated Order,
25 and this Stipulated Order supersedes all prior agreements and understandings, whether oral or
26 written, concerning the settlement embodied herein. Other than Deliverables that are
27 subsequently submitted pursuant to this Stipulated Order, no other document and no other
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1 representation, inducement, agreement, understanding, or promise constitutes any part of this
2 Stipulated Order or the settlement it represents, nor shall they be used in construing the terms of
3 this Stipulated Order.

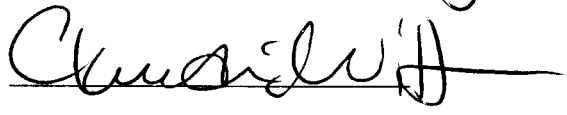
4 XXI. HEADINGS

5 99. Headings to the sections and subsections of this Stipulated Order are provided for
6 convenience and do not affect the meaning or interpretation of the provisions of this Stipulated
7 Order.

8 XXII. PARTIAL JUDGMENT

9 100. Upon approval and entry of this Stipulated Order by the Court, this Stipulated
10 Order shall constitute a partial judgment of the Court as to the Parties. The Parties recognize that
11 final resolution of the claims set forth in the Complaint will require further remedial action, and
12 this Stipulated Order is without prejudice to the Parties' positions as to the merits of any such
13 further relief.

14 Dated and entered this 9th day of February, 2009.

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16 UNITED STATES DISTRICT JUDGE
17 Northern District of California


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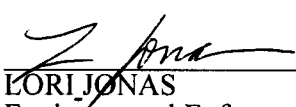
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WE HEREBY CONSENT to the entry of this Stipulated Order, subject to the public notice and comment provisions of 28 C.F.R. § 50.7:

For Plaintiff the United States of America:

Dated: 8 January 2009


RONALD J. TENPAS
Assistant Attorney General
Environment & Natural Resources Division
U.S. Department of Justice



LORI JONAS
Environmental Enforcement Section
U.S. Department of Justice
P.O. Box 7611
Ben Franklin Station
Washington, D.C. 20044-7611

Attorneys for Plaintiff, United States of America

1 WE HEREBY CONSENT to the entry of this Stipulated Order, subject to the public notice and
2 comment provisions of 28 C.F.R. § 50.7:

3 For Plaintiff the United States of America (cont'd):

4
5 Dated: 1/8/09


MARK POLLINS, Director
Water Enforcement Division
Office of Enforcement and Compliance Assurance
U.S. Environmental Protection Agency

WAYNE NASTRI
Regional Administrator
U.S. Environmental Protection Agency, Region 9

15 Of Counsel:
16 HUGH BARROLL
17 Assistant Regional Counsel
18 U.S. Environmental Protection Agency, Region 9

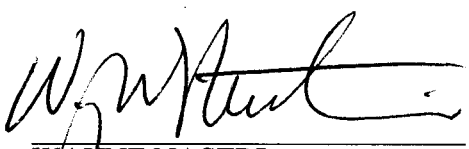
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1 WE HEREBY CONSENT to the entry of this Stipulated Order, subject to the public notice and
2 comment provisions of 28 C.F.R. § 50.7:

3 For Plaintiff the United States of America (cont'd):
4

5
6 Dated: _____

MARK POLLINS, Director
Water Enforcement Division
Office of Enforcement and Compliance Assurance
U.S. Environmental Protection Agency



WAYNE NASTRI
Regional Administrator
U.S. Environmental Protection Agency, Region 9

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15 Of Counsel:
16 HUGH BARROLL
17 Assistant Regional Counsel
18 U.S. Environmental Protection Agency, Region 9
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1 WE HEREBY CONSENT to the entry of this Stipulated Order:

2 For Plaintiff People of the State of California ex rel. California State Water Resources Control
3 Board and California Regional Water Quality Control Board, San Francisco Bay Region:

4 EDMUND G. BROWN JR.
Attorney General of the State of California

5
6 Dated: 1/9/04


7 JOHN DAVIDSON
8 Supervising Deputy Attorney General
455 Golden Gate Avenue, Suite 11000
9 San Francisco, CA 94102

10 Attorneys for Plaintiff People of the State of California ex
11 rel. California State Water Resources Control Board and
12 California Regional Water Quality Control Board, San
13 Francisco Bay Region

14 Dated: _____

15 BRUCE H. WOLFE
16 Executive Officer
California Regional Water Quality Control Board, San
17 Francisco Bay Region

18 Dated: _____

19 DOROTHY R. RICE
20 Executive Director
California State Water Resources Control Board

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1 WE HEREBY CONSENT to the entry of this Stipulated Order:

2 For Plaintiff People of the State of California ex rel. California State Water Resources Control
3 Board and California Regional Water Quality Control Board, San Francisco Bay Region:

4 EDMUND G. BROWN JR.
Attorney General of the State of California

5
6
7 Dated: _____

8 JOHN DAVIDSON
Supervising Deputy Attorney General
455 Golden Gate Avenue, Suite 11000
9 San Francisco, CA 94102

10 Attorneys for Plaintiff People of the State of California ex
11 rel. California State Water Resources Control Board and
12 California Regional Water Quality Control Board, San
13 Francisco Bay Region

14 Dated: January 9, 2009

15 Bruce H. Wolfe
16 BRUCE H. WOLFE
Executive Officer
California Regional Water Quality Control Board, San
17 Francisco Bay Region

18 Dated: _____

19 DOROTHY R. RICE
Executive Director
20 California State Water Resources Control Board

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1 WE HEREBY CONSENT to the entry of this Stipulated Order:

2 For Plaintiff People of the State of California ex rel. California State Water Resources Control
3 Board and California Regional Water Quality Control Board, San Francisco Bay Region:

4 EDMUND G. BROWN JR.
Attorney General of the State of California

5
6
7 Dated: _____

8 JOHN DAVIDSON
Supervising Deputy Attorney General
455 Golden Gate Avenue, Suite 11000
9 San Francisco, CA 94102

10 Attorneys for Plaintiff People of the State of California ex
11 rel. California State Water Resources Control Board and
California Regional Water Quality Control Board, San
12 Francisco Bay Region

13
14 Dated: _____

15 BRUCE H. WOLFE
Executive Officer
California Regional Water Quality Control Board, San
16 Francisco Bay Region

17
18 Dated: _____


19 *Dorothy R. Rice*
DOROTHY R. RICE
Executive Director
California State Water Resources Control Board


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WE HEREBY CONSENT to the entry of this Stipulated Order:

For Defendant East Bay Municipal Utility District:

Dated: January 8, 2009

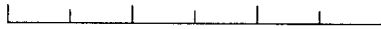

DENNIS M. DIEMER
General Manager
East Bay Municipal Utility District


JYLANA D. COLLINS (State Bar No. 107949)
VERONICA Y. FAUNTLEROY (State Bar No. 111506)
CRAIG S. SPENCER (State Bar No. 78277)
Office of General Counsel
East Bay Municipal Utility District
375 Eleventh Street
Oakland, CA 94607-4240

BRIAN S. HAUGHTON (State Bar No. 111709)
DONALD E. SOBELMAN (State Bar No. 184028)
Barg Coffin Lewis & Trapp, LLP
350 California Street, 22nd Floor
San Francisco, California 94104-1435

Attorneys for Defendant, East Bay Municipal Utility District

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EBMUD Wastewater Subbasins
EXHIBIT A