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[Exempt from fees pursuant to  
Government Code Section 6103]

7 ATTORNEYS FOR PLAINTIFF PEOPLE OF THE STATE OF  
CALIFORNIA EX REL. REGIONAL WATER QUALITY  
8 CONTROL BOARD, LOS ANGELES REGION

9  
10 **IN THE SUPERIOR COURT OF THE STATE OF CALIFORNIA**  
11 **FOR THE COUNTY OF VENTURA**

12 **PEOPLE OF THE STATE OF CALIFORNIA EX**  
**REL. REGIONAL WATER QUALITY CONTROL**  
13 **BOARD, LOS ANGELES REGION,**  
14 **PLAINTIFF,**  
15 **v.**  
16 **THE BOEING COMPANY,**  
17  
18 **DEFENDANT.**  
19

Case No. 56-2010-00371686-CU-  
MC-SIM  
**AMENDED AND RESTATED**  
**CONSENT JUDGMENT**  
**PURSUANT TO STIPULATION**  
**OF THE PARTIES; [PROPOSED]**  
**ORDER (Wat. Code, Division 7,**  
**Chapter 5.5.)**  
  
Judge: Hon. Tari L. Cody  
Courtroom: 20

20  
21 This Amended and Restated Consent Judgment (“Consent Judgment”) supersedes the  
22 consent judgment entered in the above-captioned case on June 2, 2010 (“2010 Consent  
23 Judgment”) and is entered into by Plaintiff the PEOPLE OF THE STATE OF CALIFORNIA, ex  
24 rel. REGIONAL WATER QUALITY CONTROL BOARD, LOS ANGELES REGION  
25 (Regional Board), and Defendant The Boeing Company (Boeing). For purposes of this Consent  
26 Judgment, the Regional Board and Boeing shall be referred to collectively as the “Parties,” and  
27 individually as “Party.”  
28



1 imposition of stipulated penalties for future violations of Boeing's NPDES Permit through  
2 December 31, 2016 and extend the expiration date of the Consent Judgment to June 30, 2017.  
3 The amendments are reflected in modifications to Sections 6 and 25 herein.

4 This Consent Judgment also adds a new Section 27 regarding public notice and comment of  
5 the Consent Judgment prior to entry by the Court.

6  
7 The Parties believe that the resolution embodied in the 2010 Consent Judgment and this  
8 Consent Judgment is reasonable, fulfills the Regional Board's enforcement objectives, and that  
9 entry of this Consent Judgment is fair and in the best interest of the public.

10 The Parties, after opportunity for review by counsel, therefore stipulate and consent to the  
11 entry of this Consent Judgment as set forth below.

12  
13 **IT IS HEREBY ORDERED, ADJUDGED, AND DECREED:**

14 **CONSENT JUDGMENT PURSUANT TO STIPULATION**

15 **1. DEFINITIONS**

16 Except where otherwise expressly defined in this Consent Judgment, all terms shall be  
17 interpreted consistent with Chapter 5.5 of the Porter-Cologne Water Quality Control Act, Water  
18 Code sections 13370 et seq. and the regulations promulgated under the Federal Water Pollution  
19 Control Act, 40 C.F.R. 100 et seq.

20 **2. COMPLAINT**

21 The Complaint in this action alleges that Boeing violated provisions of Chapter 5.5 of  
22 Division 7 of the Water Code and the regulations applying thereto.

23 **3. JURISDICTION AND VENUE**

24 The Parties agree that the Superior Court of California, County of Ventura, has subject  
25 matter jurisdiction over the matters alleged in this action and personal jurisdiction over the Parties  
26 to this Consent Judgment, and that the Superior Court for the County of Ventura is the proper  
27 venue of this action.

1                   **4. PAYMENT OF CIVIL PENALTIES AND INVESTIGATION AND**  
2                   **ENFORCEMENT COSTS**

3                   **4.1 Total Penalties**

4                   On entry of this Consent Judgment, Boeing shall be liable for a total of five hundred  
5 thousand dollars (\$500,000) in civil penalties.

6                   **4.2 Civil Penalty Payment**

7                   Within sixty (60) days of entry of this Consent Judgment, Boeing shall pay a civil penalty  
8 of two hundred thousand dollars (\$200,000), with a check payable to the State Water Pollution  
9 Cleanup and Abatement Account. If Boeing fails to make payment of this amount within sixty  
10 (60) days, Boeing shall pay a stipulated penalty of one thousand dollars (\$1,000) for each day  
11 payment is overdue.

12                   Boeing shall deliver these payments to:

13                   State Water Resources Control Board  
14                   ATTENTION: ACL PAYMENT  
15                   Division of Administrative Services, Accounting Branch  
16                   1001 I Street, 18<sup>th</sup> Floor, [95814]  
17                   P.O. Box 1888  
18                   Sacramento, California 95812-1888

19                   With a copy of the payments to:

20                   Regional Water Quality Control Board, Los Angeles Region  
21                   ATTENTION: HUGH MARLEY  
22                   320 West Fourth Street, Suite 200  
23                   Los Angeles, California 90013

24                   **4.3 Suspended Penalties and Supplemental Environmental Project (SEP)**

25                   **4.3.a SEP Funding**

26                   Additional penalties in the amount of three hundred thousand dollars (\$300,000) shall be  
27 suspended. These suspended penalties (“Suspended Civil Liability”) shall be deemed satisfied  
28 once Boeing funds a SEP in the amount of three hundred thousand dollars (\$300,000) and the

1 SEP is completed by the Southern California Coastal Waters Research Project (SCCWRP) in  
2 accordance with the SEP Workplan, attached hereto as Exhibit A.

3 Within sixty (60) days of entry of this Consent Judgment, Boeing shall deliver \$300,000 to:

4 Southern California Coastal Waters Research Project  
5 3535 Harbor Blvd, Suite 110  
6 Costa Mesa, CA 92626  
7 Attention: Steve Weisberg

8 If Boeing fails to make payment to SCCWRP of this amount within sixty (60) days of entry  
9 of this Consent Judgment, then Boeing shall provide such payment to the Regional Board with a  
10 check payable to the State Water Pollution Cleanup and Abatement Account delivered to the  
11 Regional Board as set forth in Section 4.2 above. The Regional Board shall seek the payment by  
12 serving and filing a regularly noticed motion in accordance with Code of Civil Procedure section  
13 1005 ("Enforcement Motion") pursuant to Sections 4.5. and 7.1. If the Court grants such motion,  
14 Boeing shall pay the Regional Board an additional one thousand dollars (\$1,000) for each day the  
15 payment is overdue with a check payable to the State Water Pollution Cleanup and Abatement  
16 Account delivered to the Regional Board as set forth in Section 4.2 above. Additional provisions  
17 regarding the SEP are set forth in Section 5 below.

18  
19 **4.3.b SCCWRP**

20 SCCWRP is a joint-powers agency formed in 1969 to conduct research on the coastal  
21 ecosystems of Southern California, from watersheds to the ocean. SCCWRP was formed by  
22 fourteen agencies, including municipalities that discharge treated wastewater to the ocean and the  
23 regulators that oversee them. Through impartial research overseen by the SCCWRP Commission  
24 (comprised of the top executives of member agencies), SCCWRP seeks to enhance the scientific  
25 understanding of linkages among human activities, natural events, and the health of the Southern  
26 California coastal environment; to communicate this understanding to decision makers and other  
27

1 stakeholders; and to suggest strategies for protecting the coastal environment for this and future  
2 generations.

3 **4.3.c SEP Description**

4 The SEP will assist in the development, by SCCWRP, of a Los Angeles Region Watershed  
5 Modeling Project and an optimal set of Best Management Practices (BMPs) that decision makers  
6 in stormwater management agencies may use to achieve reductions in stormwater runoff volumes  
7 and pollutant loads throughout the Los Angeles Region. One goal of the SEP is to develop the  
8 information needed to develop a Los Angeles Region Watershed Modeling Project that will be  
9 valuable to decision makers in the Los Angeles Region.  
10

11 The SEP will consist of the building of a watershed modeling system, analyzing BMP  
12 designs, and reporting. The SEP and its specific milestones (“Milestone Requirements”) are  
13 described further in the SEP Workplan.  
14

15 **4.4 Attorney Fees, Staff Investigation Costs, and SEP Oversight Costs**

16 Within sixty (60) days of entry of this Consent Judgment, Boeing shall pay seventy-five  
17 thousand five hundred dollars (\$75,500) for attorneys’ fees and staff investigation costs and SEP  
18 oversight costs, delivered as set forth in Section 4.2 above and with a check payable to the State  
19 Water Pollution Cleanup and Abatement Account. If Boeing fails to make payment of this  
20 amount within sixty (60) days, Boeing shall pay a stipulated penalty of one thousand dollars  
21 (\$1,000) for each day payment is overdue with a check payable to the State Water Pollution  
22 Cleanup and Abatement Account delivered to the Regional Board as set forth in Section 4.2  
23 above.  
24

25 **4.5 Disputes Pertaining to Payment of Penalties**

26 Should any disagreement arise pertaining to Boeing’s failure to pay civil penalties,  
27 attorneys fees, staff investigation costs, SEP oversight costs, or SEP funding, the Regional Board  
28

1 may move the Court to award such payment(s) by serving and filing a regularly noticed motion in  
2 accordance with Code of Civil Procedure section 1005 ("Enforcement Motion"). Boeing may file  
3 an opposition, and the Regional Board may file a reply. At least ten days before filing an  
4 Enforcement Motion, the Regional Board must meet and confer in good faith with Boeing to  
5 attempt to resolve the dispute without judicial intervention. The court retains, in addition to the  
6 above-described enforcement procedures, its power to enforce the Consent Judgment through  
7 contempt.  
8

9 **5. SEP OBLIGATIONS**

10 SCCWRP has agreed by letter, attached hereto as Exhibit B, that SCCWRP shall upon its  
11 acceptance of the \$300,000, be obligated to implement and complete the Project as set forth in the  
12 SEP workplan, among other obligations set forth in Exhibit B.  
13

14 **5.1 Submittal of Progress Reports**

15 Boeing shall submit to the Designated Regional Board Representative, who shall be Paula  
16 Rasmussen, or her designated replacement to receive notice under Section 9 below, quarterly  
17 reports of progress of the SEP, including (a) SCCWRP's implementation of, and compliance  
18 with, the SEP Milestone Requirements and (b) SCCWRP's expenditures on the SEP to date.  
19 SCCWRP may submit these quarterly reports on Boeing's behalf. The first quarterly report, for  
20 the fourth quarter of 2010, shall be due no later than February 1, 2011. The subsequent quarterly  
21 reports shall be due no later than the first day of May, August, November, and February of each  
22 year.  
23

24 If Boeing, or SCCWRP on Boeing's behalf, fails to submit a quarterly report on or before  
25 the due date and Boeing or SCCWRP has not previously obtained an extension of time in which  
26 to submit the report from the Designated Regional Board Representative, Boeing shall pay an  
27 additional stipulated penalty of one hundred dollars (\$100.00) per day that the Final Report is  
28

1 overdue with a check payable to the State Water Pollution Cleanup and Abatement Account  
2 delivered to the Regional Board as set forth in Section 4.2 above.

3 **5.2 Audits and Certification of Environmental Project**

4 **5.2.a Certification of Expenditures.**

5 On or before March 31, 2013, or a later revised date set by the Regional Board on its own  
6 motion or upon a showing of good cause for delay by Boeing and/or the Southern California  
7 Coastal Waters Research Project (SCCWRP) ("SEP Completion Date"), Boeing shall submit a  
8 certified statement documenting the expenditures by Boeing and SCCWRP during the completion  
9 period for the SEP. The expenditures by SCCWRP may be external payments to outside vendors  
10 or contractors implementing the SEP. If applicable, the expenditures by SCCWRP may include  
11 the costs of internal Environmental Management resources and internal Business Unit resources,  
12 provided that such expenditures are directly related to development and implementation of the  
13 SEP. In making such certification, the official may rely upon normal company project tracking  
14 systems that capture employee time expenditures and external payments to outside vendors such  
15 as environmental and information technology contractors or consultants. The Certification of  
16 Expenditures need not address any costs incurred by the Regional Board for oversight. SCCWRP  
17 may submit the Certification of Expenditures on Boeing's behalf.  
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21 If Boeing, or SCCWRP on Boeing's behalf, fails to submit a Certification of Expenditures  
22 on or before the SEP Completion Date, Boeing shall pay an additional stipulated penalty of one  
23 hundred dollars (\$100.00) per day that the Final Report is overdue with a check payable to the  
24 State Water Pollution Cleanup and Abatement Account delivered to the Regional Board as set  
25 forth in Section 4.2 above.

26 Boeing, and/or SCCWRP on Boeing's behalf, shall provide, to the best of their ability,  
27 any additional information requested by the Regional Board staff which is reasonably necessary  
28

1 to verify Boeing's and/or SCCWRP's SEP expenditures.

2 **5.2.b Certification of Performance of Work**

3 On or before the SEP Completion Date, Boeing shall submit a Final Report, under penalty  
4 of perjury, stating that the SEP has been completed in accordance with the terms of this Consent  
5 Judgment. Such documentation may include photographs, invoices, receipts, certifications, and  
6 other materials reasonably necessary for the Regional Board to evaluate the completion of the  
7 SEP and the costs incurred by Boeing. SCCWRP may submit the Certification of Performance of  
8 Work on Boeing's behalf.  
9

10 If Boeing, or SCCWRP on Boeing's behalf, fails to submit this Final Report on or before  
11 the SEP Completion Date, Boeing shall pay an additional stipulated penalty of one hundred  
12 dollars (\$100.00) per day that the certified statement is overdue with a check payable to the State  
13 Water Pollution Cleanup and Abatement Account delivered to the Regional Board as set forth in  
14 Section 4.2 above.  
15

16 **5.2.c Third Party Audit**

17 If at any time prior to December 31, 2014, the Regional Board obtains information that  
18 causes it to reasonably believe that Boeing or SCCWRP has not expended money in the amounts  
19 claimed by Boeing, or has not adequately completed any of the work in the SEP Workplan, the  
20 Designated Regional Board Representative, at her discretion may require, and Boeing shall  
21 submit, at its sole cost, a report prepared by an independent third party(ies) acceptable to the  
22 Regional Board staff providing such party(ies)'s professional opinion that Boeing and/or  
23 SCCWRP has expended money in the amounts claimed by Boeing. Such information shall be  
24 provided to the Designated Regional Board Representative within three (3) months of the request  
25 by the Designated Regional Board Representative. The audit need not address any costs incurred  
26 by the Regional Board for oversight.  
27  
28

1 If Boeing fails to submit a third party audit within three (3) months of the request, Boeing  
2 shall pay an additional stipulated penalty of one hundred dollars (\$100.00) per day that the  
3 certified statement is overdue with a check payable to the State Water Pollution Cleanup and  
4 Abatement Account delivered to the Regional Board as set forth in Section 4.2 above.

5  
6 **5.3 Regional Board Acceptance of Completed SEP**

7 Upon Boeing's satisfaction of its obligations under this Consent Judgment for the  
8 completion of the SEP and any audits, and the Regional Board's agreement that Boeing's SEP  
9 obligations are complete, the Regional Board shall issue a "Satisfaction of Supplemental  
10 Environmental Project." The issuance of this document shall terminate any further obligations of  
11 Boeing for the SEP pursuant to this Consent Judgment and satisfy the Suspended Civil Liability.

12 **5.4 Failure To Expend All Suspended Civil Liability Funds On The Approved**  
13 **SEP**

14  
15 In the event that Boeing is not able to demonstrate to the reasonable satisfaction of the  
16 Regional Board that the \$300,000 has been spent to complete the SEP (as described herein and in  
17 the SEP Workplan), Boeing shall pay the difference between the Suspended Civil Liability and  
18 the amount Boeing can demonstrate was actually spent on the SEP, as a civil liability. A showing  
19 in the Section 5.2.a Certification of Expenditures that Boeing has expended \$300,000 to  
20 SCCWRP for the SEP and that SCCWRP has expended the \$300,000 to complete the SEP shall  
21 constitute a satisfactory demonstration of such expenditure. If Boeing fails to pay the difference,  
22 the Regional Board shall use the procedures set forth in Section 7 below to enforce this term.

23  
24 **5.5 Failure To Complete The SEP**

25 In the event the SEP is not fully implemented as required by this Consent Judgment or  
26 there has been a material failure to satisfy a SEP Milestone Requirement, Boeing shall pay, as a  
27 civil liability, the difference between the Suspended Civil Liability and the amount Boeing and/or  
28

1 SCCWRP can demonstrate was actually spent on the SEP in meeting one or more SEP Milestone  
2 Requirement(s). Such payment shall be made by check payable to the State Water Pollution  
3 Cleanup and Abatement Account and delivered to the Regional Board as set forth in Section 4.2  
4 above. The Regional Board may enforce this provision by using the procedures set forth in  
5 Section 7 below.

6  
7 **5.6 Publicity**

8 Whenever Boeing or its agents or subcontractors or SCCWRP publicizes one or more  
9 elements of the SEP, they shall state in a **prominent manner** that the project is being undertaken  
10 as part of the settlement of an enforcement action by the Regional Board against Boeing.

11 **6. STIPULATED PENALTIES FOR FUTURE VIOLATIONS**

12 Boeing shall comply with its NPDES Permit. Should Boeing fail to comply with its  
13 NPDES Permit, the parties consent to stipulated penalties as described below. These stipulated  
14 penalties apply to Boeing's violations of its NPDES Permit(s) from January 1, 2010 through  
15 December 31, 2016. Should Boeing violate any NPDES Permit terms after December 31, 2016,  
16 the Regional Board shall not be constrained in any way by the terms of this agreement, and may  
17 seek to recover any penalties or enforce the terms of the NPDES Permit as permitted by law. For  
18 any NPDES permit violation occurring between (and including) January 1, 2010, and December  
19 31, 2016 that is not a type of violation subject to stipulated penalties as set forth in section 6.1  
20 below, the Regional Board shall not be constrained in any way by the terms of this agreement,  
21 and may seek to recover any penalties or enforce the terms of the NPDES Permit as permitted by  
22 law. For any NPDES permit violation occurring between (and including) January 1, 2010, and  
23 December 31, 2016, that is a type of violation subject to stipulated penalties as set forth in Section  
24 6.1 below, Boeing shall be subject to the following stipulated penalties:  
25  
26  
27  
28

1           **6.1 Types of Penalties**

2           Boeing shall pay stipulated penalties for: 1) each NPDES permit violation that constitutes  
3 a “serious violation” requiring the imposition of mandatory minimum penalties, as defined in  
4 Water Code section 13385, subdivision (h), or 2) each permit violation that requires the  
5 imposition of mandatory minimum penalties, as defined in Water Code section 13385,  
6 subdivision (i). The violations shall be placed in three categories: Group 1 violations (violations  
7 involving Group 1 pollutants), Group 2 violations (violations involving Group 2 pollutants), and  
8 TCDD (also known as dioxin) violations. Group 1 and 2 pollutants are defined here as they are in  
9 the 2002 State Water Resources Control Board’s Water Quality Enforcement Policy, Appendices  
10 1 and 2 (a copy of which is attached hereto as Exhibit C). However, the following constituents  
11 shall be included in the Group 1 pollutants category: 1) Temperature; 2) pH; 3) Settleable solids;  
12 4) Turbidity; and, 5) Conductivity. In addition, TCDD violations shall not be considered to be  
13 either Group 1 or Group 2 violations.  
14  
15

16           **6.2 Civil Penalties for Each Group 1 Violation Occurring Between January 1,**  
17 **2010, and December 31, 2016**

18           Boeing shall be automatically penalized for Group 1 NPDES violations occurring between  
19 January 1, 2010, and December 31, 2016. The amount of the penalty for each violation shall  
20 vary, depending on the number of prior violations during that time period. The first through fifth  
21 violations of Group 1 pollutants shall result in a penalty of three thousand dollars (\$3,000) per  
22 violation. The sixth through tenth violations of Group 1 pollutants shall result in a penalty of  
23 three thousand three hundred dollars (\$3,300) per violation. The eleventh through fifteenth  
24 violations of Group 1 pollutants shall result in a penalty of four thousand dollars (\$4,000) per  
25 violation. The sixteenth through twentieth violations of Group 1 pollutants shall result in a  
26 penalty of five thousand dollars (\$5,000) per violation. The twenty-first through twenty-fifth  
27 violations of Group 1 pollutants shall result in a penalty of seven thousand dollars (\$7,000) per  
28

1 violation. The twenty-sixth violation, and any violation of Group 1 pollutants thereafter, shall  
2 result in a penalty of ten thousand dollars (\$10,000) per violation. The amount of the penalty per  
3 violation for each violation of Group 1 pollutants is also set forth in Exhibit D attached hereto.

4  
5 **6.3 Civil Penalties for Each Group 2 Violation Occurring Between January 1,**  
6 **2010, and December 31, 2016**

7 Boeing shall be automatically penalized for Group 2 NPDES violations occurring between  
8 January 1, 2010, and December 31, 2016. The amount of the penalty for each violation shall  
9 vary, depending on the number of prior violations during that time period. The first through fifth  
10 violations of Group 2 pollutants shall result in a penalty of five thousand dollars (\$5000) per  
11 violation. The sixth through tenth violations of Group 2 pollutants shall result in a penalty of five  
12 thousand five hundred dollars (\$5,500) per violation. The eleventh through fifteenth violations of  
13 Group 2 pollutants shall result in a penalty of six thousand two hundred fifty dollars (\$6,250) per  
14 violation. The sixteenth through twentieth violations of Group 2 pollutants shall result in a  
15 penalty of seven thousand five hundred dollars (\$7,500) per violation. The twenty-first through  
16 twenty-fifth violations of Group 2 pollutants shall result in a penalty of nine thousand dollars  
17 (\$9,000) per violation. The twenty-sixth through thirtieth violations of Group 2 pollutants shall  
18 result in a penalty of eleven thousand five hundred dollars (\$11,500) per violation. The thirty-  
19 first violation, and any violation of Group 2 pollutants thereafter, shall result in a penalty of  
20 fifteen thousand dollars (\$15,000) per violation. The amount of the penalty per violation for  
21 each violation of Group 2 pollutants is also set forth in Exhibit E attached hereto.

22  
23  
24 **6.4 Civil Penalties for Each TCDD Violation Occurring Between January 1, 2010,**  
25 **and December 31, 2016**

26 Boeing shall be automatically penalized for TCDD NPDES violations occurring between  
27 January 1, 2010, and December 31, 2016. The amount of the penalty for each violation shall be a  
28

1 total of seven thousand dollars (\$7,000) per violation. Violations pertaining to TCDD shall not be  
2 exempt from stipulated penalties by Water Code section 13385 subdivision (j)(1)(B).

3 **6.5 Determination of Violations**

4 Boeing shall continue to monitor and report each violation of Group 1 pollutants, Group 2  
5 pollutants, and TCDD, as it is required to do under its current NPDES permit and under any other  
6 permit(s) under which it operates from January 1, 2010, to December 31, 2016. If Boeing fails to  
7 monitor or report as required by its permit(s), then the Regional Board retains the right to enforce  
8 against Boeing for those violations to the full extent the law permits.

9 **6.6 Time for Payment and Form of Payment of Stipulated Penalties**

10 Boeing shall pay to the Regional Board the amount of money owed based on the self-  
11 reported violations that meet the mandatory minimum penalty definition stated above within sixty  
12 (60) days of reporting the violations with a check payable to the State Water Pollution Cleanup  
13 and Abatement Account delivered to the State Water Resources Control Board (State Board),  
14 with a copy to the Regional Board, as set forth in Section 4.2 above. If any stipulated penalty is  
15 not paid within sixty (60) days of reporting the exceedances, Boeing shall pay an additional  
16 stipulated penalty of one hundred dollars (\$100.00) per day that the money is overdue with a  
17 check payable to the State Water Pollution Cleanup and Abatement Account delivered to the  
18 State Board, with a copy to the Regional Board as set forth in Section 4.2 above.

19 **6.7 Additional Penalties for Each Violation**

20 The Regional Board may move the court to award penalties in excess of the stipulated  
21 penalty amounts listed above, up to the limit allowed by law, by filing and serving a regularly  
22 noticed motion in accordance with Code of Civil Procedure section 1005 ("Enforcement  
23 Motion") within 180 days after Boeing has paid stipulated penalties for the violation at issue.  
24 These excess penalties may be sought only where: 1) the permit violations are the result of

1 intentional or willful misconduct by Boeing, or 2) where the penalty provided for above does not  
2 recover Boeing's economic benefits from its failure to adequately operate or maintain existing  
3 stormwater management equipment or Best Management Practices (BMPs), which failure causes  
4 or contributes to the violation. In evaluating such economic benefits, the Regional Board shall  
5 evaluate Boeing's reduced remediation costs, reduced BMP costs, and other costs saved from its  
6 failure to adequately operate or maintain existing stormwater management equipment or BMPs.  
7 Boeing may file an opposition, and the Regional Board may file a reply. At least ten days before  
8 filing an Enforcement Motion, the Regional Board must meet and confer in good faith with  
9 Boeing to attempt to resolve the demand for additional penalties in excess of the agreed-to  
10 minimum penalty without judicial intervention. The court retains, in addition to the above-  
11 described enforcement procedures, its power to enforce the Consent Judgment through contempt.  
12

13  
14 **6.8 Disputes Pertaining to Boeing's Failure to Pay Stipulated Penalties**

15 Should any disagreement arise pertaining to Boeing's failure to pay a stipulated penalty,  
16 or any monies owed under this Judgment, or should Boeing disagree with any stipulated penalty  
17 amount it has paid or contend that it should not have paid for a reported violation, either party  
18 may move the court for a resolution of the matter by filing and serving a regularly noticed motion  
19 in accordance with Code of Civil Procedure section 1005 ("Enforcement Motion"). Either party  
20 may file an opposition to the motion, and the moving party may file a reply. At least ten days  
21 before filing an Enforcement Motion, the moving party must meet and confer in good faith with  
22 the other party to attempt to resolve the dispute without judicial intervention. The court retains,  
23 in addition to the above-described enforcement procedures, its power to enforce the Consent  
24 Judgment through contempt.  
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27  
28

1           **7. ENFORCEMENT AND PENALTIES**

2  
3           **7.1. Procedure**

4           The Regional Board may move this Court to enforce any provision of this Consent  
5 Judgment and to award other appropriate relief, including penalties as provided in Sections 7.2.,  
6 by serving and filing a regularly noticed motion in accordance with Code of Civil Procedure  
7 section 1005 (“Enforcement Motion”). Boeing may file an opposition, and the Regional Board  
8 may file a reply, both also in accordance with Code of Civil Procedure section 1005. At least ten  
9 (10) business days before filing an Enforcement Motion under this Consent Judgment, the  
10 Regional Board must meet and confer with Boeing to attempt to resolve the matter without  
11 judicial intervention. To ensure that the “meet and confer” is as productive as possible, the  
12 Regional Board will identify, as specifically as the available information allows, the specific  
13 instances and dates of non-compliance and the actions that the Regional Board believes Boeing  
14 must take to remedy that non-compliance. As a part of this enforcement process, the Court shall  
15 have the discretion to allow discovery to take place and/or to allow live testimony of witnesses.

16           **7.2. Remedies and Sanctions**

17           The Court has the authority to impose a reasonable penalty for any violation of this  
18 Consent Judgment. Any penalty paid pursuant to this section shall be paid within sixty (60) days  
19 of the Court’s order with a check payable to the State Water Pollution Cleanup and Abatement  
20 Account delivered to the State Board, with a copy to the Regional Board, as set forth in Section  
21 4.2 above. Boeing shall pay an additional penalty of one thousand dollars (\$1000) per day that  
22 the money is overdue with a check payable to the State Water Pollution Cleanup and Abatement  
23 Account delivered to the State Board, with a copy to the Regional Board, as set forth in Section  
24 4.2 above.

25           **8. MATTERS COVERED BY THIS CONSENT JUDGMENT**

26           **8.1** This Consent Judgment is a final and binding resolution and settlement of all  
27 “Covered Matters.” “Covered Matters” include all claims, violations or causes of action alleged  
28 by the Regional Board in the Complaint, and of all claims, violations or causes of action which

1 could have been asserted by the Regional Board against Boeing, based on the facts that are the  
2 subject of the Complaint and reports sent by Boeing to the Regional Board pertaining to all  
3 exceedances of its NPDES permit up to and including exceedances on December 31, 2009.

4 **8.2** The Parties reserve the right to pursue any claim that is not a Covered Matter  
5 (“Reserved Claim”) and to defend against any Reserved Claim. Any claims, violations or causes  
6 of action that constitute a Reserved Claim are not resolved, settled or covered by this Consent  
7 Judgment.

8 **8.3** Boeing and its officers, employees, representatives, agents or attorneys covenant not  
9 to sue or pursue any civil or administrative claims against the Regional Board or other  
10 departments or agencies of the State of California, or their officers, employees, representatives,  
11 agents or attorneys arising out of or related to Covered Matters, except for the purpose of  
12 enforcing Plaintiff’s obligations under this Consent Judgment.

13 **8.4** In any subsequent action that may be brought by the Regional Board based on any  
14 Reserved Claims, Boeing agrees that it will not assert that failing to pursue the Reserved Claims  
15 as part of this action constitutes claim-splitting, laches or is otherwise inequitable. This  
16 Paragraph does not prohibit Boeing from asserting any statute of limitations that may be  
17 applicable to any Reserved Claims.

18 **8.5** Boeing hereby specifically reserves any rights, and by this settlement does not waive  
19 its rights, to challenge any permit, permit condition, or Regional Board action not otherwise  
20 resolved pursuant to this settlement, including but not limited to administrative and/or judicial  
21 challenges to the conditions set forth in any NPDES permit or other Order issued to Boeing for  
22 the Santa Susana Field Laboratory.

23 **8.6** The provisions of sections 8.1, 8.2, 8.3, and 8.4 are effective on the date of the entry  
24 of the Consent Judgment.

25 **8.7** Sections 8.1, 8.2, 8.3 and 8.4 shall not bar the Regional Board’s right to enforce the  
26 terms of the Consent Judgment in this or another proceeding.  
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9. **NOTICE**

All submissions and notices required by this Consent Judgment shall be sent to:

For Regional Board:

Hugh Marley  
Los Angeles Regional Water Quality Control Board  
320 West Fourth Street, Suite 200  
Los Angeles, CA 90013

Noah Golden-Krasner  
Deputy Attorney General  
Office of the Attorney General  
300 South Spring Street, Suite 1702  
Los Angeles, California 90013

For Boeing:

Kathleen H. Wong  
Senior Counsel  
Office of the General Counsel  
The Boeing Company  
2201 Seal Beach Boulevard, M/C 110-SB33  
Seal Beach, CA 90740-1515

Peter H. Weiner  
Paul Hastings LLP  
55 Second Street, Suite 2400  
San Francisco, CA 94105

Any Party may change its notice name and address by informing the other Party in writing, but no change is effective until it is received. All notices and other communications required or permitted under this Consent Judgment that are properly addressed as provided in this Paragraph are effective upon delivery if delivered personally or by overnight mail, or are effective five (5) days following deposit in the United States mail, postage prepaid, if delivered by mail.

10. **NECESSITY FOR WRITTEN APPROVALS**

All approvals and decisions of the Regional Board under the terms of this Consent Judgment shall be communicated to Boeing in writing. No oral advice, guidance, suggestions or comments by employees or officials of Plaintiff regarding submissions or notices shall be

1 construed to relieve Boeing of its obligation to obtain any final written approval required by this  
2 Consent Judgment.

3 **11. EFFECT OF JUDGMENT**

4 Except as expressly provided in this Consent Judgment, nothing in this Consent Judgment  
5 is intended nor shall it be construed to preclude the Regional Board, or any state, county, or local  
6 agency, department, board or entity, or any CUPA, from exercising its authority under any law,  
7 statute or regulation.

8 **12. LIABILITY OF REGIONAL BOARD**

9 The Regional Board shall not be liable for any injury or damage to persons or property  
10 resulting from acts or omissions by Boeing, its directors, officers, employees, agents,  
11 representatives or contractors in carrying out activities pursuant to this Consent Judgment, nor  
12 shall the Regional Board be held as a party to or guarantor of any contract entered into by Boeing,  
13 its directors, officers, employees, agents, representatives or contractors, in carrying out the  
14 requirements of this Consent Judgment.

15 **13. NO WAIVER OF RIGHT TO ENFORCE**

16 The failure of the Regional Board to enforce any provision of this Consent Judgment shall  
17 neither be deemed a waiver of such provision nor in any way affect the validity of this Consent  
18 Judgment. The failure of the Regional Board to enforce any such provision shall not preclude it  
19 from later enforcing the same or any other provision of this Consent Judgment. No oral advice,  
20 guidance, suggestions or comments by employees or officials of any Party regarding matters  
21 covered in this Consent Judgment shall be construed to relieve any Party of its obligations under  
22 this Consent Judgment.

23 **14. FUTURE REGULATORY CHANGES**

24 Nothing in this Consent Judgment shall excuse Boeing from meeting any more stringent  
25 requirements that may be imposed by changes in the applicable law.  
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1                   **15. APPLICATION OF CONSENT JUDGMENT**

2                   This Consent Judgment shall apply to and be binding upon the Regional Board and Boeing,  
3 and their employees, agents, successors, and assigns.

4                   **16. AUTHORITY TO ENTER CONSENT JUDGMENT**

5                   Each signatory to this Consent Judgment certifies that he or she is fully authorized by the  
6 Party he or she represents to enter into this Consent Judgment, to execute it on behalf of the Party  
7 represented and legally to bind that Party.

8                   **17. RETENTION OF JURISDICTION**

9                   **17.1** The Parties agree that this Court has exclusive jurisdiction to interpret and enforce the  
10 Consent Judgment. The Court shall retain continuing jurisdiction to enforce the terms of this  
11 Consent Judgment and to address any other matters arising out of or regarding this Consent  
12 Judgment. The Parties shall meet and confer prior to the filing of any motion relating to this  
13 Consent Judgment, including any Enforcement Motion as contemplated by Paragraphs 4.3, 4.5,  
14 6.7, 6.8, and 7.1, and shall negotiate in good faith in an effort to resolve any dispute without  
15 judicial intervention.

16                   **17.2** This Consent Judgment shall go into effect immediately upon entry thereof. Entry is  
17 authorized by Stipulation of the Parties upon filing.

18                   **18. NON-DISCHARGEABILITY OF OBLIGATIONS**

19                   Boeing agrees that it will not seek to discharge in bankruptcy any payment obligations  
20 required by this Consent Judgment.

21                   **19. ABILITY TO INSPECT AND COPY RECORDS AND DOCUMENTS**

22                   On reasonable notice and subject to all of the defenses Boeing would have to requests for  
23 documents made by subpoena or other formal legal process or discovery, Boeing shall permit any  
24 duly authorized representative of the Regional Board to inspect and copy Boeing's records and  
25 documents, and to enter and inspect Boeing's facilities to determine the nature and extent of  
26 Boeing's compliance with or violation of its NPDES permit. Nothing in this Paragraph is  
27 intended to require access to or production of any documents that are protected from production  
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1 or disclosure by the attorney-client privilege, attorney work product doctrine or any other  
2 applicable privilege afforded to Boeing under law.

3 **20. PAYMENT OF LITIGATION EXPENSES AND FEES**

4 Boeing shall pay its own attorney fees and costs and all other costs of litigation and  
5 investigation incurred to date.

6 **21. INTERPRETATION**

7 This Consent Judgment was drafted equally by all Parties. The Parties agree that the rule of  
8 construction holding that ambiguity is construed against the drafting Party shall not apply to the  
9 interpretation of this Consent Judgment.

10 **22. COUNTERPART AND FACSIMILE SIGNATURES**

11 This Consent Judgment may be executed by the Parties in counterparts and facsimiles, each  
12 of which shall be deemed an original, and all of which, when taken together, shall constitute one  
13 and the same document.

14 **23. INTEGRATION**

15 This Consent Judgment constitutes the entire agreement between the Parties and may not be  
16 amended or supplemented except as provided for in the Consent Judgment.

17 **24. MODIFICATION OF CONSENT JUDGMENT**

18 This Consent Judgment may be modified only by the Court, or upon written consent by the  
19 Parties and the approval of the Court.

20 **25. TERMINATION OF CONSENT JUDGMENT**

21 This Consent Judgment will expire and be of no further effect after June 30, 2017, or after  
22 Boeing has reported any and all violations of its NPDES permit through December 31, 2016 and  
23 has paid all stipulated penalties resulting from any such violations, whichever comes last.

24 **26. FINAL JUDGMENT**

25 Upon approval and entry of this Consent Judgment by the Court, this Consent Judgment  
26 shall constitute a Final Judgment by the Court as to the Parties.

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**27. PUBLIC NOTICE AND COMMENT**

This Consent Judgment shall be lodged with the Court for a period of not less than 30 days for public notice and comment in accordance with 40 C.F.R. § 123.27(d) and the State Board's Water Quality Enforcement Policy. The Regional Board reserves the right to withdraw or withhold its consent if the comments regarding the Consent Judgment disclose facts or considerations indicating that the Consent Judgment is inappropriate, improper, or inadequate.

**STIPULATION AND APPROVALS OF THE PARTIES.**

**IT IS SO STIPULATED.**

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Plaintiff Regional Water Quality Control Board, Los Angeles Region:

Dated: 10/29, 2014



SAMUEL UNGER  
Executive Officer  
Regional Water Quality Control Board, Los Angeles  
Region

Approved as to form:

Dated: 10/29, 2014



NOAH GOLDEN-KRASNER  
Deputy Attorney General for the State of California  
Attorneys for Plaintiff  
Regional Water Quality Control Board, Los Angeles  
Region

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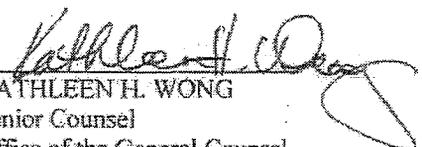
Defendant The Boeing Company:

Dated: Nov. 3, 2014

  
Steven L. Shestak  
Director, Enterprise Remediation  
Environment, Health & Safety  
The Boeing Company

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Dated: Nov. 3, 2014

  
KATHLEEN H. WONG  
Senior Counsel  
Office of the General Counsel  
The Boeing Company

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Approved as to form:

Dated: 11/3, 2014



PETER H. WEINER  
Paul Hastings LLP  
Attorney for Defendant  
The Boeing Company

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IT IS SO ORDERED, ADJUDGED AND DECREED

Dated: \_\_\_\_\_, 2014

\_\_\_\_\_  
Judge of the Superior Court

YELLOW 18 115041

EXHIBIT A



SOUTHERN CALIFORNIA COASTAL WATER RESEARCH PROJECT  
*A Public Agency for Environmental Research*

May 26, 2010

The Boeing Company  
Santa Susana Field Laboratory  
5800 Woolsey Canyon Road  
Canoga Park, California, 91304-1148

Regional Water Quality Control Board  
Los Angeles Region  
320 West 4<sup>th</sup> Street, Suite 200  
Los Angeles, California 90013

Dear Mr. Unger,

The Southern California Coastal Waters Research Project (SCCWRP) agrees that it will perform a stormwater modeling study in the Los Angeles Region ("the Project") described in the SEP workplan that is attached hereto as Exhibit A. SCCWRP understands that the Project is treated as a "supplemental environmental project" which is a material element of a settlement of claims between the Regional Board and Boeing related to Boeing's permit NPDES No. CA0001309, and that the settlement will be memorialized as a consent judgment of the Ventura County Superior Court. Pursuant to that settlement, the Boeing Company (Boeing) will pay \$300,000.00 to SCCWRP to fund the Project through completion.

SCCWRP understands that upon its acceptance of the \$300,000, SCCWRP will be obligated to implement and complete the Project as set forth in the SEP workplan. SCCWRP further understands that it may be required to provide written reports to the Regional Board consistent with the terms of the settlement detailing the implementation of the SEP, including a certified completion and periodic progress reports.

Whenever SCCWRP publicizes one or more elements of the SEP, it will state in a prominent manner that the project is being undertaken as part of the settlement of an enforcement action by the Regional Board against Boeing. SCCWRP understands that if, at any time, the Regional Board obtains information that causes it to reasonably believe SCCWRP has not expended money to be provided by Boeing, or has not adequately completed any of the work in the SEP workplan, the RWQCB may require Boeing, at its sole cost, to submit a report prepared by an independent third party acceptable to the Regional Board staff providing that party(ies)'s professional opinion that SCCWRP has reasonably expended money in the amounts claimed by Boeing on the design storm study.

SCCWRP agrees that upon the request of Boeing or the Regional Water Quality Control Board, SCCWRP will allow a third party auditor to perform that audit.

SCCWRP understands that its obligations will be set forth in a contract between Boeing and SCCWRP which will create legally enforceable obligations for SCCWRP consistent with the representations and agreements in this document.

Sincerely,

Kenneth Schiff, Deputy Director

**EXHIBIT B**

## **SUPPLEMENTAL ENVIRONMENTAL PROJECT WORKPLAN: DEVELOPING A WATERSHED MODEL FOR STORMWATER MANAGEMENT IN THE LOS ANGELES REGION**

This Supplemental Environmental Project proposal is to develop models of stormwater volume and pollutant concentrations in the Ventura County portion of the Los Angeles Regional Water Quality Control Board. One goal of this project is to provide the information needed to develop a stormwater source identification and reduction scenarios that will be valuable to decision-makers in Ventura County, thus providing a regional benefit.

The project will be implemented by the Southern California Coastal Water Research Project (SCCWRP). SCCWRP has the institutional capacity and technical capability to complete the project successfully. Having completed similar models in Los Angeles, Orange, and San Diego Counties, the utility of stormwater pollutant runoff models have been invaluable for NPDES and TMDL related issues. SCCWRP is expected to successfully complete all work products and reports for this project. SCCWRP has successfully completed at least four other SEP projects for the Los Angeles Regional Water Quality Control Board. This project will not require CEQA certification. SCCWRP may subcontract some of the work to a qualified subcontractor to complement its in-house expertise.

### **Independent Third Party Information for Implementing SEP:**

Project Agency: Southern California Coastal Water Research Project  
3535 Harbor Blvd, Suite 110, Costa Mesa, CA 92626  
Project Director: Ken Schiff  
Project Contact Info: (714) 755-3202  
[kens@sccwrp.org](mailto:kens@sccwrp.org)

### **Scope of Work**

#### *Milestone 1 - Build a watershed modeling system*

SCCWRP will build a watershed modeling system for Ventura County to extend the work in Los Angeles County to cover the entire Los Angeles Region, to the extent that the necessary data are available. Such a system shall account for key elements of watershed characteristics, including but not limited to: (1) rainfall, infiltration, and

runoff, (2) pollutant generation, transportation, and removal mechanisms, and (3) potential impacts on receiving water quality.

*Milestone 2 – Analyze the flexibility to adapt and implement selected BMP designs.*

SCCWRP will estimate the efficiency and effectiveness of development and/or redevelopment BMP applications for pollutant reductions at minimal cost. This will involve analyzing rainfall volume and intensity in selected foothill and mountainous regions using existing rain gauges. BMPs may include retention/detention, flow-thru, and/or treatment systems. These model runs will, at a minimum, determine the water quality outcomes associated with BMPs associated with varying storm conditions.

*Milestone 3 – Develop a program to predict water quality outcomes*

Create a water quality modeling program that will evaluate BMPs for various storm conditions and predict resultant water quality.

#### *Reporting*

SCCWRP will prepare and submit quarterly reports, as well as draft and final reports, to the Regional Water Quality Control Board, consistent with the requirements of the SWRCB SEP Policy. SCCWRP also will provide any additional information requested by the Regional Board that is reasonably necessary to verify SCCWRP's progress in meeting SEP implementation goals and/or SEP expenditures.

**Schedule**

| <i>Milestone</i>  | <i>Product</i>   | <i>Timeline (assumes start date of May 2010)</i>   | <i>Cost (Total: \$300,000)</i> |
|---|--|--|--------------------------------|
| Milestone 1 - Build a watershed modeling system                                   | Model output extending work by LACFCD                            | December 31, 2011  | \$185,000                      |
| Milestone 2 - Analyze the flexibility to adapt and implement selected BMP designs | Estimate load reductions for various BMP scenarios               | December 31, 2012  | \$65,000                       |
| Milestone 3 - Develop a program to predict water quality outcomes                 | Estimate water quality improvement for various BMP scenarios     | December 31, 2012  | \$30,000                       |
| Reporting   | <p>Quarterly Reports</p> <p>Draft Report</p> <p>Final Report</p> | <p>First report - 4<sup>th</sup> Quarter 2010 due no later than Feb 1, 2011</p> <p>1<sup>st</sup> Quarter due no later than May 1<br/>           2<sup>nd</sup> Quarter due no later than Aug 1<br/>           3<sup>rd</sup> Quarter due no later than Nov 1<br/>           4<sup>th</sup> Quarter due no later than Feb 1</p> <p>Three months before Completion Date</p> <p>March 31, 2013 (or other designated Completion Date)</p> | \$20,000                       |

**EXHIBIT C**

EXHIBIT C

State Water Quality Control Board Water Quality Enforcement Policy (Feb. 19, 2002)

Appendix A. Group 1 Pollutants

The following list of pollutants is hereby included as Group 1 pollutants (pursuant to Appendix A to Section 123.45 of Title 40 of the Code of Federal Regulations) under the classifications of "other."

5-DAY SUM OF WLA VALUES  
5-DAY SUM OF BOD5 DISCHARGED  
7-DAY SUM OF WLA VALUES  
7-DAY SUM OF BOD5 DISCHARGED  
ACIDITY  
ACIDITY, CO2 PHENOL (AS CaCO3)  
ACIDITY, TOTAL (AS CaCO3)  
ACIDITY-MINRL METHYL ORANGE (AS CaCO3)  
ALGICIDES, GENERAL  
ALKALINITY, BICARBO-NATE (AS CaCO3)  
ALKALINITY, CARBO-NATE (AS CaCO3)  
ALKALINITY, PHENOL- PHTHALINE METHOD  
ALKALINITY, TOTAL (AS CaCO3)  
ALUMINUM  
ALUMINUM CHLORIDE, DISSOLVED, WATER  
ALUMINUM SULFATE  
ALUMINUM, POTENTIALLY DISSOLVD  
ALUMINUM, TOTAL RECOVERABLE  
ALUMINUM, ACID SOLUABLE  
ALUMINUM, DISSOLVED (AS AL)  
ALUMINUM, IONIC  
ALUMINUM, TOTAL  
ALUMINUM, TOTAL (AS AL)  
AMMONIA & AMMONIUM- TOTAL  
AMMONIA (AS N) + UNIONIZED AMMONIA  
AMMONIA, UNIONIZED  
AVG. OF 7-DAY SUM OF BOD5 VALUES  
BARIUM, SLUDGE, TOT, DRY WEIGHT (AS BA)  
BICARBONATE ION- (AS HCO3)  
BIOCHEMICAL OXYGEN DEMAND-5  
BIOCIDES  
BOD % OVER INFLUENT  
BOD (ULT. 1ST STAGE)  
BOD (ULT. 2ND STAGE)  
BOD (ULT. ALL STAGES)  
BOD 35-DAY (20 DEG. C)  
BOD CARBONACEOUS, 25-DAY (20 DEG. C)  
BOD, 11-DAY (20 DEG. C)  
BOD, 20-DAY (20 DEG. C)  
BOD, 20-DAY, PERCENT REMOVAL  
BOD, 5-DAY (20 DEG. C)  
BOD, 5-DAY 20 DEG C PER CFS OF  
STREAMFLW  
BOD, 5-DAY DISSOLVED  
BOD, 5-DAY PERCENT REMOVAL  
BOD, 5-DAY (20 DEG.C) PER PRODUCTION  
BOD, CARB-5 DAY, 20 DEG C, PERCENT  
REMOVED  
BOD, CARBONACEOUS 5 DAY, 5 C  
BOD, CARBONACEOUS (5-DAY, 20 DEG C)  
BOD, CARBONACEOUS 05 DAY, 20C  
BOD, CARBONACEOUS 20 DAY, 20C  
BOD, CARBONACEOUS, 28-DAY (20 DEG.C)  
BOD, CARBONACEOUS, PERCENT REMOVAL  
BOD, FILTERED, 5 DAY, 20 DEG C  
BOD, NITROG INHIB 5-DAY (20 DEG. C)  
BOD, PERCENT REMOVAL (TOTAL)  
BOD, MASS, TIMES FLOW PROP. MULTIPLIER  
BOD-5 LB/CU FT PROCESS  
BORIC ACID  
BORON, DISSOLVED (AS B)  
BORON, SLUDGE, TOTAL DRY WEIGHT (AS B)  
BORON, TOTAL  
BORON, TOTAL (AS B)  
BORON, TOTAL RECOVERABLE  
BROMIDE (AS BR)  
BROMINE CHLORIDE  
BROMINE REPORTED AS THE ELEMENT  
CALCIUM IN BOTTOM DEPOSITS  
CALCIUM, TOTAL RECOVERABLE  
CALCIUM, DISSOLVED (AS CA)  
CALCIUM, PCT EXCHANGE  
CALCIUM, PCT IN WATER, (PCT)  
CALCIUM, TOTAL (AS CA)  
CARBON DIOXIDE (AS CO2)  
CARBON, TOT ORGANIC (TOC)  
CARBON, TOT ORGANIC (TOC) PER 1000  
GALS.  
CARBON, TOTAL (AS C)  
CARBON, TOTAL INORGANIC (AS C)  
CARBONACEOUS OXYGEN DEMAND, %  
REMOVAL  
CARBONATE ION- (AS CO3)  
CBOD5 / NH3-N  
CHEM. OXYGEN DEMAND (COD) % REMOVAL  
CHEM. OXYGEN DEMAND PER PRODUCTION  
CHEMICAL OXYGEN DEMAND (COD)  
CHEMICAL OXYGEN DEMAND (COD)  
CHEMICAL OXYGEN DEMAND (COD)  
CHLORIDE  
CHLORIDE (AS CL)  
CHLORIDE, DISSOLVED (AS CL)

CHLORIDE, DISSOLVED IN WATER  
CHLORIDE, PER CFS OF STREAMFLOW  
CHLORIDE, PERCENT REMOVAL  
CHLORIDE, SLUDGE, TOTAL DRY WEIGHT  
CHLORIDES & SULFATES  
CHLORINE DEMAND, 1 HR  
CHLORITE  
COBALT, DISSOLVED (AS CO)  
COBALT, TOTAL (AS CO)  
CONDUCTIVITY, NET  
COPPER, SLUDGE, TOT, DRY WEIGHT (AS CU)  
DIGESTER SOLIDS CONTENT, PERCENT  
DITHIOCARBAMATE, RPTD AS  
DITHIOCARBONATE  
DRILLED SOLIDS IN DRILLING FLUIDS  
E. COLI, MTEC-MF  
ENDRIN KETONE, IN WATER  
FERROCHROME LIGNO- SULFONATED  
FRWTR MUD  
FERROCYANIDE  
FERROUS SULFATE  
FIRST STAGE OXYGEN DEMAND, %  
REMOVAL  
FLOW, MAXIMUM FLOW RANGE  
FLUORIDE - FREE  
FLUORIDE, DISSOLVED (AS F)  
FLUORIDE, TOTAL (AS F)  
FLUOROBORATES  
FREE ACID, TOTAL  
HARDNESS, TOTAL (AS  $\text{CaCO}_3$ )  
HYDROCHLORIC ACID  
HYDROCHLORIC ACID  
HYDROGEN PEROXIDE  
HYDROGEN PEROXIDE (T) DILUTION RATIO  
HYDROGEN SULFIDE  
IODIDE (AS I)  
IRON  
IRON AND MANGANESE -SOLUBLE  
IRON AND MANGANESE -TOTAL  
IRON, POTENTIALLY DISSOLVD  
IRON, DISSOLVED (AS FE)  
IRON, DISSOLVED FROM DRY DEPOSITION  
IRON, FERROUS  
IRON, SLUDGE, TOTAL, DRY WEIGHT (AS FE)  
IRON, SUSPENDED  
IRON, TOTAL (AS FE)  
IRON, TOTAL PER BATCH  
IRON, TOTAL PER PRODUCTION  
IRON, TOTAL PERCENT REMOVAL  
LIGHTLY TREATED LIG-NOSULFONATED  
MUD  
LITHIUM, DISSOLVED (AS LI)  
LITHIUM, TOTAL (AS LI)  
MAGNESIUM, DISSOLVED (AS MG)  
MAGNESIUM, IN BOTTOM DEPOSITS  
MAGNESIUM, PCT EXCHANGE

MAGNESIUM, TOTAL (AS MG)  
MAGNESIUM, TOTAL RECOVERABLE  
MANGANESE IN BOTTOM DEPOSITS (DRY  
WGT)  
MANGANESE, POTENTIALLY DISSOLVD  
MANGANESE, DISSOLVED (AS MN)  
MANGANESE, SUSPENDED  
MANGANESE, TOTAL  
MANGANESE, TOTAL (AS MN)  
MANGANESE, TOTAL RECOVERABLE  
METHYLENE BLUE ACTIVE SUBSTANCES  
MICROSCOPIC ANALYSIS  
MOLYBDENUM, DRY WEIGHT  
MONOBORO CHLORATE  
NICKEL, DRY WEIGHT  
NITRILOTRIACETIC ACID (NTA)  
NITRITE NITROGEN, DISSOLVED (AS N)  
NITRITE PLUS NITRATE DISSOLVED 1 DET.  
NITRITE PLUS NITRATE IN BOTTOM  
DEPOSITS  
NITRITE PLUS NITRATE TOTAL 1 DET. (AS N)  
NITROGEN (AS  $\text{NO}_3$ ) SLUDGE SOLID  
NITROGEN OXIDES (AS N)  
NITROGEN SLUDGE SOLID  
NITROGEN SLUDGE TOTAL  
NITROGEN, AMMONIA DISSOLVED  
NITROGEN, AMMONIA PER CFS OF  
STREAMFLW  
NITROGEN, AMMONIA TOTAL (AS N)  
NITROGEN, AMMONIA TOTAL (AS  $\text{NH}_4$ )  
NITROGEN, AMMONIA IN BOTTOM DEPOSITS  
NITROGEN, AMMONIA, PERCENT REMOVAL  
NITROGEN, AMMONIA, SLUDGE, TOT DRY  
WGT  
NITROGEN, AMMONIA, TOT UNIONIZED (AS  
N)  
NITROGEN, KJELDAHL DISSOLVED (AS N)  
NITROGEN, KJELDAHL TOTAL (AS N)  
NITROGEN, NITRATE DISSOLVED  
NITROGEN, NITRATE TOTAL (AS N)  
NITROGEN, NITRATE TOTAL (AS  $\text{NO}_3$ )  
NITROGEN, NITRITE TOTAL (AS N)  
NITROGEN, NITRITE TOTAL (AS  $\text{NO}_2$ )  
NITROGEN, ORGANIC TOTAL (AS N)  
NITROGEN, SLUDGE, TOT, DRY WT. (AS N)  
NITROGEN, TOTAL KJELDAHL, % REMOVAL  
NITROGEN, INORGANIC TOTAL  
NITROGEN, OXIDIZED  
NITROGEN-NITRATE IN WATER, (PCT)  
NITROGEN-NITRITE IN WATER, (PCT)  
NITROGENOUS OXYGEN DEMAND (20-DAY,  
20C)  
NITROGENOUS OXYGEN DEMAND, %  
REMOVAL  
NON-IONIC DISPERSANT (NALSPERSE 7348)  
NON-NITROGENOUS BOD

OIL & GREASE  
 OIL & GREASE AROMATIC  
 OIL & GREASE, % REMOVAL  
 OIL & GREASE (FREON EXTR.-IR  
 METH)TOT,RC  
 OIL AND GREASE  
 OIL AND GREASE  
 OIL AND GREASE (SOXHLET EXTR.) TOT.  
 OIL AND GREASE PER CFS OF STREAMFLW  
 OIL AND GREASE PER PRODUCTION  
 OIL AND GREASE VISUAL  
 OIL AND GREASE, HEXANE EXTR METHOD  
 OIL AND GREASE, PER 1000 GALLONS  
 OXYGEN DEMAND FIRST STAGE  
 OXYGEN DEMAND, DISSOLVED  
 OXYGEN DEMAND, SUM PRODUCT  
 OXYGEN DEMAND, ULTIMATE  
 OXYGEN DEMAND, CHEM. (COD), DISSOLVED  
 OXYGEN DEMAND, CHEM. (HIGH LEVEL)  
 (COD)  
 OXYGEN DEMAND, CHEM. (LOW LEVEL)  
 (COD)  
 OXYGEN DEMAND, TOTAL  
 OXYGEN DEMAND, TOTAL (TOD)  
 OXYGEN DEMAND, ULT. CARBONACEOUS  
 (UCOD)  
 OXYGEN DEMAND, ULT., PERCENT  
 REMOVAL  
 OZONE  
 OZONE - RESIDUAL  
 PH, CaCO3 STABILITY  
 PHOSPHATE TOTAL SOLUBLE  
 PHOSPHATE, DISSOLVED COLOR METHOD  
 (AS P)  
 PHOSPHATE, ORTHO (AS PO4)  
 PHOSPHATE, ORTHO (AS P)  
 PHOSPHATE, TOTAL (AS PO4)  
 PHOSPHATE, TOTAL COLOR METHOD (AS P)  
 PHOSPHATE, DISSOLVED/ORTHOPHOSPHATE  
 (AS P)  
 PHOSPHATE, POLY (AS PO4)  
 PHOSPHOROUS 32, TOTAL  
 PHOSPHOROUS, IN TOTAL  
 ORTHOPHOSPHATE  
 PHOSPHOROUS, TOTAL ELEMENTAL  
 PHOSPHOROUS, TOTAL ORGANIC (AS P)  
 PHOSPHOROUS, TOTAL, IN BOTTOM  
 DEPOSITS  
 PHOSPHORUS (REACTIVE AS P)  
 PHOSPHORUS, DISSOLVED  
 PHOSPHORUS, TOTAL PERCENT REMOVAL  
 PHOSPHORUS, TOTAL SOLUBLE (AS PO4)  
 POTASSIUM, DISSOLVED (AS K)  
 POTASSIUM, IN BOTTOM DEPOSITS  
 POTASSIUM, PCT EXCHANGE  
 POTASSIUM, TOTAL RECOVERABLE

POTASSIUM, TOTAL PCTIN WATER, (PCT)  
 PROPARGITE  
 RATIO FECAL COLIFORM & STREPTOCOCCI  
 RESIDUE, SETTLEABLE  
 RESIDUE, TOTAL FILTERABLE  
 RESIDUE, TOTAL FILTERABLE  
 RESIDUE, TOTAL VOLATILE  
 RESIDUE, TOTAL NON- SETTLEABLE  
 RESIDUE, VOLATILE NONFILTERABLE  
 SEAWATER GEL MUD  
 SETTLEABLE SOLIDS PERCENT REMOVAL  
 SILICA, DISSOLVED (AS SiO2)  
 SILICA, TOTAL (AS SiO2)  
 SILICON, TOTAL  
 SLUDGE BUILD-UP IN WATER  
 SLUDGE SETTLEABILITY 30 MINUTE  
 SLUDGE VOLUME DAILY INTO A WELL  
 SLUDGE, RATE OF WASTING  
 SODIUM ADSORPTION RATIO  
 SODIUM ARSENITE  
 SODIUM CHLORIDE (SALT)  
 SODIUM HEXAMETA- PHOSPHATE  
 SODIUM IN BOTTOM DEP (AS NA) (DRY WGT)  
 SODIUM NITRITE  
 SODIUM SULFATE, TOTAL  
 SODIUM, %  
 SODIUM, % EXCHANGE- ABLE SOIL, TOTAL  
 SODIUM, DISSOLVED (AS NA)  
 SODIUM, SLUDGE, TOT, DRY WEIGHT (AS NA)  
 SODIUM, TOTAL (AS NA)  
 SODIUM, TOTAL (AS NA)  
 SODIUM, TOTAL RECOVERABLE  
 SOLIDS ACCUMULATION RATE TOT DRY  
 WEIGHT  
 SOLIDS, FIXED DISSOLVED  
 SOLIDS, FIXED SUSPENDED  
 SOLIDS, SETTLEABLE  
 SOLIDS, SLUDGE, TOT, DRY WEIGHT  
 SOLIDS, SUSPENDED PERCENT REMOVAL  
 SOLIDS, TOTAL  
 SOLIDS, TOTAL DISSOLVED  
 SOLIDS, TOTAL DISSOLVED (TDS)  
 SOLIDS, TOTAL DISSOLVED- 180 DEG.C  
 SOLIDS, TOTAL FIXED  
 SOLIDS, TOTAL SUSPENDED  
 SOLIDS, TOTAL VOLATILE  
 SOLIDS, TOTAL DISS., PERCENT BY WEIGHT  
 SOLIDS, TOTAL DISSOLVED, TOTAL TONS  
 SOLIDS, TOTAL NON-VOLATILE, NON-FIXED  
 SOLIDS, TOTAL SUSP PER PRODUCTION  
 SOLIDS, TOTAL SUSP PER 1000 GALLONS  
 SOLIDS, TOTAL SUSP PER BATCH  
 SOLIDS, TOTAL SUSP PER CFS OF  
 STREAMFLW  
 SOLIDS, VOLATILE DISSOLVED  
 SOLIDS, VOLATILE SUSPENDED

SOLIDS, VOLATILE SUSPENDED, % REMOVAL  
SOLIDS, VOLATILE SUSP IN MIXED LIQUOR  
SOLIDS, DRY, DISCHARGE TO SOL. HANDLING  
SYS.  
SOLIDS, DRY, INCIN. AS % OF  
DRY SOL. FROM TRMT PLT  
SOLIDS, DRY, REMOVED FROM SOL.  
HANDLING SYS.  
SOLIDS-FLOATING-VISUAL DETRIMENT - # DAYS  
OBS  
SOLIDS, TOT. VOLATILE PERCENT REMOVAL  
SOLIDS, VOLATILE % OF TOTAL SOLIDS  
SULFATE  
SULFATE (AS S)  
SULFATE, DISSOLVED (AS SO<sub>4</sub>)  
SULFATE, TOTAL (AS SO<sub>4</sub>)  
SULFIDE, DISSOLVED, (AS S)  
SULFIDE, TOTAL  
SULFIDE, TOTAL (AS S)  
SULFITE (AS S)  
SULFITE (AS SO<sub>3</sub>)  
SULFITE WASTE LIQUOR PEARL BENSON  
INDEX

SULFUR DIOXIDE TOTAL  
SULFUR, TOTAL  
SULPHUR, TOTAL ELEMENTAL  
SUM BOD AND AMMONIA, WATER  
SURFACTANTS (MBAS)  
SURFACTANTS (LINEAR ALKYLATE  
SULFONATE)  
SURFACTANTS, AS CTAS, EFFLUENT  
SUSPENDED SOLIDS  
SUSPENDED SOLIDS, TOTAL ANNUAL  
SUSPENDED SOLIDS, TOTAL DISCHARGE  
TOTAL SUSP. SOLIDS - LB/CU FT PROCESS  
TRIARYL PHOSPHATE  
TURBIDITY, HCH TURBIDIMETER  
VANADIUM, DISSOLVED (AS V)  
VANADIUM, SUSPENDED (AS V)  
VANADIUM, TOTAL  
VANADIUM, TOTAL (AS V)  
VANADIUM, TOTAL DRY WEIGHT (AS V)  
VANADIUM, TOTAL RECOVERABLE  
WLA BOD-5 DAY VALUE

## Appendix B. Group 2 Pollutants

The following list of pollutants are hereby included as Group 2 pollutants (pursuant to Appendix A to Section 123.45 of Title 40 of the Code of Federal Regulations) under the classifications of "other."

1,2,3 TRICHLORO-ETHANE  
2,4,6 TRICHLOROPHENOL, DRY WEIGHT  
2-HEXANONE  
2-PROPANONE  
1, 2, 4-TRIMETHYL-BENZENE  
1, 3, 5-TRIMETHYL-BENZENE  
1,1 DICHLORO 1,2,2,2 TETRAFLUOROETHANE  
1,1 DICHLORO 2,2,2- TRIFLUOROETHANE  
1,1,1 TRICHLORO-2,2,2TRIFLUOROETHANE  
1,1,1,2,2-PENTA- FLUOROETHANE  
1,1,1,3,3-PENTA- FLUOROBUTANE  
1,1,1-TRICHLORO- ETHANE  
1,1,1-TRICHLOROETHANE, DRY WEIGHT  
1,1,1-TRIFLUORO-ETHANE  
1,1,2,2-TETRACHLORO-ETHANE  
1,1,2,2-TETRACHLOROETHANE, DRY WEIGHT  
1,1,2-TRICHLORO- ETHANE  
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE  
1,1,2-TRICHLOROETHANE, DRY WEIGHT  
1,1-DICHLORO-1- FLUOROETHANE  
1,1-DICHLOROETHANE  
1,1-DICHLOROETHANE, DRY WEIGHT  
1,1-DICHLOROETHENE  
1,1-DICHLOROETHYLENE  
1,1-DICHLOROETHYLENE, DRY WEIGHT  
1,1-DIMETHYL- HYDRAZINE  
1,2,3 TRICHLORO- BENZENE  
1,2,4,5-TETRACHLORO-BENZENE  
1,2,4,5-TETRAMETHYL-BENZENE  
1,2,4-TRICHLORO- BENZENE  
1,2,4-TRICHLOROBENZENE, DRY WEIGHT  
1,2-BIS(2-CHLOROETH-ONY) ETHANE  
1,2-CIS-DICHLORO-ETHYLENE  
1,2-DICHLOROBENZENE  
1,2-DICHLOROBENZENE, DRY WEIGHT  
1,2-DICHLOROETHANE  
1,2-DICHLOROETHANE, DRY WEIGHT  
1,2-DICHLOROETHANE, TOTAL WEIGHT  
1,2-DICHLOROPROPANE  
1,2-DICHLOROPROPANE, DRY WEIGHT  
1,2-DICHLOROPROPENE  
1,2-DIPHENYL- HYDRAZINE  
1,2-DIPHENYL-HYDRAZINE, DRY WEIGHT  
1,2-PROPANEDIOL  
1,2-TRANS-DICHLORO- ETHYLENE  
1,2-TRANS-DICHLOROETHYLENE, DRY WEIGHT  
1,3 DICHLOROPROPANE  
1,3-DIAMINOUREA  
1,3-DICHLOROBENZENE  
1,3-DICHLOROBENZENE, DRY WEIGHT  
1,3-DICHLOROPROPENE, TOTAL WEIGHT  
1,4 DICHLOROBUTANE  
1,4-DIOXANE  
1,4-DDT (O,P'-DDT)  
1,4-DICHLOROBENZENE  
1,4-DICHLOROBENZENE, DRY WEIGHT  
1,4-XYLENE  
1-BROMO-2-CHLOROETHANE  
1-CHLORO-1,1- DIFLUOROETHANE  
1-HYDROXY-ETHYLIDENE  
1-METHYLNAPHTHALENE  
1-NITROSOPIPERIDINE  
2,2DIBROMO-3-NITRILOPROPIONAMIDE  
2,2-DICHLOROVINYL  
DIMETHYLPHOSPHATE  
2,2-DIMETHYL-2,3-DI-HYDRO-7-  
BENZOFURANOL  
2,3 DICHLOROPROPYLENE  
2,3,4,6-TETRACHLORO-PHENOL  
2,3,7,8 CHLORO- DIBENZOFURAN  
2,3,7,8 TETRACHLORODIBENZO-P-DIOXIN  
2,3,7,8 TETRACHLORODIBENZO-P-DIOXIN  
SED,  
2,3,7,8-TETRACHLORO-DIBENZO-P-DIOXIN  
2,4,5- T  
2,4,5 - TRICHLORO- PHENOL  
2,4,5, TP(SILVEX)  
2,4,5-TP(SILVEX) ACIDS/SALTS WHOLE  
WATER SAMPLE  
2,4,5-TRICHLOROPHENOXYPROPIONIC ACID  
2,4,6-TRICHLORO- PHENOL  
2,4-DB  
2,4-DICHLOROPHENOL  
2,4-DICHLOROPHENOXYACETIC ACID  
2,4-DIMETHYLPHENOL  
2,4-DINITROPHENOL  
2,4-DINITROTOLUENE  
2,4-DINITROTOLUENE, DRY WEIGHT  
2,4-TOLUENEDIAMINE  
2,5-TOLUENEDIAMINE  
2,6-DINITROTOLUENE  
2,6-DINITROTOLUENE, DRY WEIGHT  
2-ACETYL AMINO- FLOURCENE  
2-BUTANONE  
2-BUTANONE PEROXIDE  
2-CHLOROANILINE  
2-CHLOROETHANOL

2-CHLOROETHYL VINYL ETHER (MIXED)  
2-CHLOROETHYL VINYL ETHER, DRY  
WEIGHT  
2-CHLORONAPHTHALENE  
2-CHLOROPHENOL  
2-ETHYL-1-HEXANOL  
2-ETHYL-2-METHYL- DIOXOLANE  
2-METHYL-2-PROPANOL  
2-METHYL-4,6-DINITROPHENOL  
2-METHYL-4-CHLOROPHENOL  
2-METHYLNAPHTHALENE  
2-METHYLNAPHTHALENE  
2-METHYLPHENOL  
2-NAPHTHYLAMINE  
2-NITROANILINE  
2-NITROPHENOL  
2-SECONDARY BUTYL- 4,6-DINITROPHENOL  
3,3'-DICHLORO- BENZIDINE  
3,3'-DICHLOROBENZIDINE, DRY WEIGHT  
3,4 BENZOFLUORAN- THENE  
3,4,5 TRICHLORO- GUACACOL  
3,4,6-TRICHLORO- CATECHOL  
3,4,6-TRICHLORO- GUAIACOL  
3-CHLOROPHENOL  
3-NITROANILINE, TOTAL IN WATER  
4,4'-BUTYLDENE BIS- (6-T-BUTYL-M-CRESOL)  
4,4'-DDD (P,P'-DDD)  
4,4'-DDE (P,P'-DDE)  
4,4'-DDT (P,P'-DDT)  
4,6-DINITRO-O-CRESOL  
4-BROMOPHENYL PHENYL ETHER  
4-CHLORO-3, 5-DIMETHYLPHENOL  
4-CHLORO-3-METHYL PHENOL  
4-CHLOROPHENYL PHENYL ETHER  
4-METHYLPHENOL  
4-METHYLPHENOL  
4-NITRO-M-CRESOL  
4-NITRO-N-METHYLPHTHALIMIDE, TOTAL  
4-NITROPHENOL  
9,10 DICHLOROSTEARIC ACID  
9,10 EPOXYSTEARIC ACID  
A-BHC-ALPHA  
ABIETIC ACID  
ACENAPHTHENE  
ACENAPHTHENE, SED (DRY WEIGHT)  
ACENAPHTHYLENE  
ACETALDEHYDE  
ACETAMINOPHEN  
ACETIC ACID  
ACETONE  
ACETONE, DRY WEIGHT  
ACETONE IN WASTE  
ACETOPHENONE  
ACID COMPOUNDS  
ACIDS, TOTAL VOLATILE (AS ACETIC ACID)  
ACROLEIN

ACROLEIN, DRY WEIGHT  
ACRYLAMIDE MONOMER  
ACRYLIC ACID  
ACRYLONITRILE  
ACRYLONITRILE, DRY WEIGHT  
A-ENDOSULFAN-ALPHA  
ALACHLOR (BRAND NAME-LASSO)  
ALACHLOR, DISSOLVED  
ALDICARB  
ALDICARB SULFONE  
ALDICARB SULFOXIDE  
ALDRIN  
ALDRIN + DIELDRIN  
ALDRIN, DRY WEIGHT  
ALKYL BENZENE SULFONATED (ABS)  
ALKYLDIMETHYL ETHYL AMMONIUM  
BROMIDE  
ALKYLDIMETHYLBENZYL AMMONIUM  
CHLORIDE  
ALPHA ACTIVITY  
ALPHA EMITTING RADI-UM ISOTOPES,  
DISSOL.  
ALPHA GROSS RADIOACTIVITY  
ALPHA, DISSOLVED  
ALPHA, SUSPENDED  
ALPHA, TOTAL  
ALPHA, TOTAL, COUNTING ERROR  
ALPHABHC DISSOLVED  
ALPHA-ENDOSULFAN  
AMIBEN (CHLORAMBEN)  
AMINES, ORGANIC TOTAL  
AMINOTROL - METHYLENE PHOSPHATE  
ANILINE  
ANTHRACENE  
ANTIMONY IN BOTTOM DEPOSITS (DRY  
WGT)  
ANTIMONY, DISSOLVED (AS SB)  
ANTIMONY, TOTAL (AS SB)  
ANTIMONY, TOTAL RECOVERABLE  
AROMATICS, SUBSTITUTED  
AROMATICS, TOTAL PURGEABLE  
ARSENIC  
ARSENIC, POTENTIALLY DISSOLVD  
ARSENIC, DISSOLVED (AS AS)  
ARSENIC, DRY WEIGHT  
ARSENIC, TOTAL (AS AS)  
ARSENIC, TOTAL RECOVERABLE  
ASBESTOS  
ASBESTOS (FIBROUS)  
ATRAZINE  
ATRAZINE, DISSOLVED  
AZOBENZENE  
BALAN (BENEFIN)  
BARIUM IN BOTTOM DEPOSITS (DRY WGT)  
BARIUM, POTENTIALLY DISSOLVD  
BARIUM, DISSOLVED (AS BA)

BARIUM, TOTAL (AS BA)  
BARIUM, TOTAL RECOVERABLE  
BASE NEUTRALS & ACID (METHOD 625),  
TOTAL  
BASE NEUTRALS & ACID (METHOD 625),  
EFFLNT  
BASE/NEUTRAL COMPOUNDS  
BAYER 73 LAMPREYCIDE IN WATER  
B-BHC-BETA  
B-BHC-BETA DISSOLVED  
B-ENDOSULFAN-BETA  
BENTAZON, TOTAL  
BENZENE  
BENZENE (VOLATILE ANALYSIS)  
BENZENE HEXACHLORIDE  
BENZENE SULPHONIC ACID  
BENZENE, DISSOLVED  
BENZENE, DRY WEIGHT  
BENZENE, HALOGENATED  
BENZENE, TOLUENE, XYLENE IN  
COMBINATN  
BENZENE, ETHYLBENZENETOLUENE,  
XYLENE.COMBN  
BENZENEHEXACHLORIDE  
BENZIDINE  
BENZIDINE, DRY WEIGHT  
BENZIAC ACIDS-TOTAL  
BENZISOTHIAZOLE  
BENZO(A)ANTHRACENE  
BENZO(A)PYRENE  
BENZO(A)PYRENE, DRY WEIGHT  
BENZO(B)FLUORANTHENE (3,4-BENZO)  
BENZO(GHI)PERYLENE  
BENZO(K)FLUORANTHENE  
BENZOFURAN  
BENZY CHLORIDE  
BENZYL ALCOHOL  
BENZYL CHLORIDE  
BERYLLIUM IN BOTTOM DEPOSITS (DRY  
WGT)  
BERYLLIUM, POTENTIALLY DISSOLVD  
BERYLLIUM, DISSOLVED (AS BE)  
BERYLLIUM, TOTAL (AS BE)  
BERYLLIUM, TOTAL RECOVERABLE (AS  
BE)  
BETA, DISSOLVED  
BETA, SUSPENDED  
BETA, TOTAL  
BETA, TOTAL, COUNTING ERROR  
BETASAN(N-2-  
MERCAPTOETHYLBENZENESULFAMID  
BEZONITRILE (CYANOBENZENE)  
BHC, TOTAL  
BHC-ALPHA  
BHC-DELTA  
BHC-GAMMA

BIOASSAY (24 HR.)  
BIOASSAY (48 HR.)  
BIOASSAY (96 HR.)  
BIOASSAY (24 HR.)  
BIOASSAY (48 HR.)  
BIOASSAY (96 HR.)  
BIS -- PHENOL-A (ALPHA)  
BIS (2-CHLORO-ISOPROPYL) ETHER  
BIS (2-CHLOROETHOXY) METHANE  
BIS (2-CHLOROETHOXY) METHANE, DRY WT.  
BIS (2-CHLOROETHYL) ETHER  
BIS (2-ETHYLHEXYL) PHTHALATE  
BIS (2-ETHYLHEXYL) PHTHALATE, DRY WGT  
BIS (CHLOROMETHYL) ETHER  
BIS (TRICHLOROMETHYL) SULFONE  
BIS ETHER  
BISMUTH, TOTAL (AS BI)  
BISPHENOL-A  
BROMACIL  
BROMACIL (HYVAR)  
BROMOCHLOROMETHANE  
BROMODICHLOROETHANE  
BROMOFORM  
BROMOFORM, DRY WEIGHT  
BROMOMETHANE  
BUTACHLOR  
BUTANE  
BUTANOIC ACID  
BUTANOL  
BUTANONE  
BUTHDIENE TOTAL  
BUTOXY ETHOXY ETHANOL TOTAL  
BUTYL ACETATE  
BUTYL BENZYL PHTHALATE  
BUTYLATE (SUTAN)  
CADMIUM  
CADMIUM TOTAL RECOVERABLE  
CADMIUM IN BOTTOM DEPOSITS (DRY WGT)  
CADMIUM SLUDGE SOLID  
CADMIUM SLUDGE TOTAL  
CADMIUM, POTENTIALLY DISSOLVD  
CADMIUM, DISSOLVED (AS CD)  
CADMIUM, TOTAL (AS CD)  
CADMIUM, SLUDGE, TOT DRY WEIGHT (AS  
CD)  
CAFFEINE  
CAPTAN  
CARBAMATES  
CARBARYL TOTAL  
CARBN CHLOROFRM EXT-RACTS, ETHER  
INSOLUBL  
CARBOFURAN  
CARBON DISULFIDE  
CARBON TETRACHLORIDE  
CARBON TETRACHLORIDE, DRY WEIGHT  
CARBON, CHLOROFORM EXTRACTABLES

CARBON, DISSOLVED ORGANIC (AS C)  
CARBOSULFAN, TOTAL  
CERIUM, TOTAL  
CESIUM, TOTAL (AS CS)  
CHLOR, PHENOXY ACID GP, NONE FOUND  
CHLORAL  
CHLORAL HYDRATE  
CHLORAMINE RESIDUAL  
CHLORDANE (CA OCEAN PLAN DEFINITION)  
CHLORDANE (TECH MIX & METABS), DRY  
WGT  
CHLORDANE (TECH.MIX. AND  
METABOLITES)  
CHLORDANE, ALPHA, WHOLE WATER  
CHLORDANE, GAMMA, WHOLE WATER  
CHLORENDIC ACID  
  
CHLORIDE, ORGANIC, TOTAL  
CHLORINATED DIBENZO-FURANS, EFFLUENT  
CHLORINATED DIBENZO-FURANS, SLUDGE  
CHLORINATED DIBENZO-P-DIOXINS;  
EFFLUENT  
CHLORINATED DIBENZO-P-DIOXINS, SLUDGE  
CHLORINATED ETHANES  
CHLORINATED HYDRO- CARBONS, GENERAL  
CHLORINATED METHANES  
CHLORINATED ORGANIC COMPOUNDS  
CHLORINATED PESTI- CIDES, TOTAL  
CHLORINATED PESTI- CIDES, TOT & PCB'S  
CHLORINATED PHENOLS  
CHLORINATION  
CHLORINE DIOXIDE  
CHLORINE DOSE  
CHLORINE RATE  
CHLORINE USAGE  
CHLORINE, COMBINED AVAILABLE  
CHLORINE, FREE AVAILABLE  
CHLORINE, FREE RESIDUAL, TOTAL  
EFFLUENT  
CHLORINE, TOTAL RESIDUAL  
CHLORINE, TOTAL RESIDUAL (DSG. TIME)  
CHLORINE, TOTAL RES.DURATION  
OFVIOLATION  
  
CHLOROBENZENE  
CHLOROBENZENE, DRY WEIGHT  
CHLOROBENZILATE  
CHLOROBUTADIENE (CHLOROPRENE)  
CHLORODIBROMOMETHANE  
CHLORODIBROMOMETHANE, DRY WEIGHT  
CHLORODIFLUORO- METHANE  
CHLORODIMEFORM  
CHLOROETHANE  
CHLOROETHANE, TOTAL WEIGHT  
CHLOROETHYLENE BISTHIOCYANATE  
CHLOROFORM

CHLOROFORM EXTRACTABLES, TOTAL  
CHLOROFORM, DISSOLVED  
CHLOROFORM, DRY WEIGHT  
CHLOROHEXANE, TOTAL  
CHLOROMETHANE  
CHLOROMETHYL BENZENE  
CHLORONITROBENZENE  
CHLOROPHENOXY PROPANANOL  
CHLOROSYRINGEALDEHYDE, EFFLUENT  
CHLOROTOLUENE  
CHLOROXAZONE  
CHLORPHENIRAMINE  
CHLORPYRIFOS  
CHROMIUM  
CHROMIUM, DRY WEIGHT  
CHROMIUM TOTAL RECOVERABLE  
CHROMIUM SLUDGE SOLID  
CHROMIUM SLUDGE TOTAL  
CHROMIUM TRIVALENT IN BOTTOM  
DEPOSITS  
CHROMIUM, DISSOLVED (AS CR)  
CHROMIUM, HEXAVALENT  
CHROMIUM, HEXAVALENT  
CHROMIUM, HEXAVALENT (AS CR)  
CHROMIUM, HEXAVALENT DISSOLVED (AS  
CR)  
CHROMIUM, HEXAVALENT IN BOT DEP (DRY  
WT)  
CHROMIUM, HEXAVALENT POTENTIALLY  
DISOLVD  
CHROMIUM, HEXAVALENT TOT  
RECOVERABLE  
CHROMIUM, SUSPENDED (AS CR)  
CHROMIUM, TOTAL  
CHROMIUM, TOTAL (AS CR)  
CHROMIUM, TOTAL PERCENT REMOVAL  
CHROMIUM, TOTAL DRY WEIGHT (AS CR)  
CHROMIUM, TOTAL IN BOT DEP (WET WGT)  
CHROMIUM, TRIVALENT (AS CR)  
CHROMIUM, TRIVALENT, POTENTIALLY  
DISSOLVD  
CHRYSENE  
CIS-1,3-DICHLORO PROPENE  
CITRIC ACID  
CN, FREE (AMENABLE TO CHLORINE)  
COBALT, TOTAL RECOVERABLE  
COLUMBIUM, TOTAL  
COMBINED METALS SUM  
COPPER  
COPPER TOTAL RECOVERABLE  
COPPER AS SUSPENDED BLACK OXIDE  
COPPER IN BOTTOM DEPOSITS (DRY WGT)  
COPPER SLUDGE SOLID  
COPPER SLUDGE TOTAL  
COPPER, DISSOLVED (AS CU)  
COPPER, POTENTIALLY DISSOLVED

COPPER, SUSPENDED (AS CU)  
COPPER, TOTAL (AS CU)  
COPPER, TOTAL PER BATCH  
COUMAPHOS  
CRESOL  
CYANATE (AS OCN)  
CYANIDE (A)  
CYANIDE AND THIOCYANATE - TOTAL  
CYANIDE COMPLEXED TO RANGE OF  
COMPOUND.  
CYANIDE FREE NOT AMENABLE TO  
CHLORIN.  
CYANIDE IN BOTTOM DEPOSITS (DRY WGT)  
CYANIDE SLUDGE SOLID  
CYANIDE, FILTERABLE, TOTAL  
CYANIDE, FREE-WATER PLUS  
WASTEWATERS  
CYANIDE, TOTAL (AS CN)  
CYANIDE, TOTAL RECOVERABLE  
CYANIDE, WEAK ACID, DISSOCIABLE  
CYANIDE, DISSOLVED STD METHOD  
CYANIDE, FREE (AMEN. TO CHLORINATION)  
CYCLOATE (RONEET)  
CYCLOHEXANE  
CYCLOHEXANONE  
CYCLOHEXYL AMINE (AMINO  
HEXAHYDRO)  
CYCOHEXANONE  
DACONIL (C8CL4N2)  
DACTHAL  
DDD IN WHOLE WATER SAMPLE  
DDE  
DDT  
DDT/DDD/DDE, SUM OF P,P' & O,P' ISOMERS  
DECACHLOROBIPHENYL (DCBP) TOTAL  
DECHLORANE PLUS  
DEHYDROABIEITIC ACID  
DELNAV  
DELTA BENZENE HEXACHLORIDE  
DEMETON  
DIAZINON  
DIBENZO (A,H) ANTHRACENE  
DIBENZO (A,H) ANTHRACENE, DRY WEIGHT  
DIBENZOFURAN  
DIBROMOCHLORO- METHANE  
DIBROMODICHLOROMETHANE  
DIBROMOMETHANE  
DICHLONE  
DICHLORAN, TOTAL  
DICHLOROBENZENE  
DICHLOROBENZENE, ISOMER  
DICHLOROBENZYLTRIFLUORIDE  
DICHLOROBROMOMETHANE  
DICHLOROBROMOMETHANE, DRY WEIGHT  
DICHLOROBUTADIENE  
DICHLOROBUTENE- (ISOMERS)

DICHLORODEHYDRO- ABEIETIC ACID  
DICHLORODIBROMOMETHANE  
DICHLORODIFLUORO- METHANE  
DICHLOROETHENE, TOTAL  
DICHLOROFLUORO METHANE  
DICHLOROMETHANE  
DICHLOROPROPYLENE, 1,2  
DICHLOROTOLUENE  
DICHLOROTRIFLUORO- ETHANE  
DICHLORVOS, TOTAL  
DICHLORVOS, TOTAL DISSOLVED  
DICHLORVOS, TOTAL SED DRY WEIGHT  
DICHLORVOS, TOTAL SUSPENDED  
DICYCLOHEXYLAMINE, TOTAL  
DICYCLOPENTADIENE  
DIDECYLDIMETHYL AMMONIUM CHLORIDE  
DIDROMOMETHANE, 1-2  
DIELDRIN  
DIELDRIN, DRY WEIGHT  
DIETHL METHYL BENZENESULFONAMIDE  
DIETHYL PHTHALATE  
DIETHYL PHTHALATE, DRY WEIGHT  
DIETHYLAMINE  
DIETHYLAMINOETHANOL  
DIETHYLBENZENE  
DIETHYLENE GLYCOL DINITRATE, TOTAL  
DIETHYLHEXYL PHTHALATE ISOMER  
DIETHYLHEXYL- PHTHALATE  
DIETHYLSTILBESTEROL  
DIFOLATAN  
DIISOPROPYL ETHER  
DIMETHOXYBENZIDINE  
DIMETHYL BENZIDINE  
DIMETHYL DISULFIDE TOTAL  
DIMETHYL NAPHTHALENE  
DIMETHYL PHTHALATE  
DIMETHYL PHTHALATE  
DIMETHYL PHTHALATE, DRY WEIGHT  
DIMETHYL SULFIDE TOTAL  
DIMETHYL SULFOXIDE TOTAL  
DIMETHYLAMINE  
DIMETHYLANILINE  
DI-N-BUTYL PHTHALATE  
DI-N-BUTYL PHTHALATE, DRY WEIGHT  
DI-NITRO BUTYL PHENOL (DNBP)  
DINITROTOLUENE  
DI-N-OCTYL PHTHALATE  
DI-N-OCTYL PHTHALATE, DRY WEIGHT  
DINOSEB  
DINOSEB (DNBP)  
DIOXANE  
DIOXIN  
DIOXIN (TCDD) SUSPENDED  
DISSOLVED RADIOACTIVE GASSES  
DISULFOTON  
DIURON

DOCOSANE  
DODECYLGUANIDINE SALTS  
DYFONATE  
DYPHYLLINE  
EDTA  
EDTA AMMONIATED  
ENDOSULFAN SULFATE  
ENDOSULFAN, ALPHA, IN WASTE  
ENDOSULFAN, BETA, INWASTE  
ENDOSULFAN, TOTAL  
ENDRIN  
ENDRIN + ENDRIN ALDEHYDE (SUM)  
ENDRIN ALDEHYDE  
EPHEDRINE SULFATE  
EPICHLOROHYDRIN  
EPTC (EPTAM)  
ESTRADIOL  
ETHALFLURALIN WATER, TOTAL  
ETHANE, 1,2-BIS (2- CLRETHXY), HOMLG SUM  
ETHANOL  
ETHION  
ETHYL METHANESULFONATE  
ETHYL ACETATE  
ETHYL BENZENE  
ETHYL BENZENE  
ETHYL ETHER BY GAS CHROMATOGRAPH  
ETHYL METHYL- DIOXOLANE  
ETHYL PARATHION  
ETHYLBENZENE  
ETHYLBENZENE, DRY WEIGHT  
ETHYLENE CHLOROHYDRIN  
ETHYLENE DIBROMIDE (1,2  
DIBROMOETHANE)  
ETHYLENE GLYCOL  
ETHYLENE GLYCOL  
ETHYLENE GLYCOL DINITRATE  
ETHYLENE OXIDE  
ETHYLENE THIOUREA (ETU)  
ETHYLENE, DISSOLVED (C2H4)  
ETHYLHEXYL  
EXPLOSIVE LIMIT, LOWER  
EXPLOSIVES, COMBINED TNT + RDX +  
TETRYL  
FERRICYANIDE  
FLUORANTHENE  
FLUORANTHENE, DRY WEIGHT  
FLUORENE  
FLUORENE, DRY WEIGHT  
FLUORIDE - COMPLEX  
FLUSILAZOLE  
FOAMING AGENTS  
FORMALDEHYDE  
FORMIC ACID  
FREON 113 (1,1,1-TRIFLOURO-2,2-  
FREON, TOTAL  
FUEL, DIESEL, #1

FURFURAL  
GAMMA, TOTAL  
GAMMA, TOTAL COUNTING ERROR  
GAMMA-BHC  
GASOLINE, REGULAR  
GERMANIUM, TOTAL (AS GE)  
GLYPHOSATE, TOTAL  
GOLD, TOTAL (AS AU)  
GROSS BETA  
GUAFENSIN  
GUANIDINE NITRATE  
GUTHION  
HALOGEN, TOTAL ORGANIC  
HALOGEN, TOTAL RESIDUAL  
HALOGENATED HYDRO- CARBONS, TOTAL  
HALOGENATED ORGANICS  
HALOGENATED TOLUENE  
HALOGENS, ADSORBABLEORGANIC  
HALOGENS, TOT ORGAN-ICS BOTTOM  
SEDIMENT  
HALOMETHANES, SUM  
HEPTACHLOR  
HEPTACHLOR EPOXIDE  
HEPTACHLOR, DRY WEIGHT  
HEPTANE  
HERBICIDES, TOTAL  
HEXACHLOROBENZENE  
HEXACHLOROBENZENE, DRY WEIGHT  
HEXACHLOROBIPHENYL  
HEXACHLOROBUTADIENE  
HEXACHLOROBUTADIENE  
HEXACHLOROBUTADIENE, DRY WEIGHT  
HEXACHLOROCYCLO- PENTADIENE  
HEXACHLOROCYCLOHEXANE (BHC) TOTAL  
HEXACHLOROCYCLOPENTADIENE, DRY  
WEIGHT  
HEXACHLOROETHANE  
HEXACHLOROETHANE, DRY WEIGHT  
HEXACHLOROPENTADIENE  
HEXADECANE  
HEXAHYDROAZEPINONE  
HEXAMETHYL- PHOSPHORAMINE(HMPA)  
HEXAMETHYLBENZENE  
HEXANE  
HEXAZIMONE  
HMX-1,3,5,7-TETRA ZOCINE  
HYDRAZINE  
HYDRAZINES, TOTAL  
HYDROCARBON, TOTAL RECOVERABLE  
HYDROCARBONS NITRATED  
HYDROCARBONS NITRATED, TOTAL  
HYDROCARBONS, AROMATIC  
HYDROCARBONS, TOTAL GAS  
CHROMATOGRAPH  
HYDROCARBONS, IN H2O, IR, CC14 EXT.  
CHROMAT

HYDROGEN CYANIDE  
HYDROQUINONE  
HYDROXYACETOPHENONE  
HYDROXYQUINOLINE TOTAL  
HYDROXYZINE  
INDENE  
INDENO (1,2,3-CD) PYRENE  
INDENO (1,2,3-CD) PYRENE, DRY WEIGHT  
INDIUM  
IODINE 129  
IODINE RESIDUAL  
IODINE TOTAL  
ISOBUTYL ACETATE  
ISOBUTYL ALCOHOL  
ISODECYLDIPHENYL- PHOSPHATE  
ISO-OCTANE  
ISOOCTYL 2,4,5-T  
ISOOCTYL SILVEX  
ISOPHORONE  
ISOPHORONE, DRY WEIGHT  
ISOPIMARIC ACID  
ISOPRENE  
ISOPROPALIN WATER, TOTAL  
ISOPROPRANOL  
ISOPROPYL ALCOHOL (C3H8O), SED.  
ISOPROPYL ETHER  
ISOPROPYLBENZENE  
ISOPROPYLBIPHENYL, TOTAL  
ISOPROPYLDINE DIOXYPHENOL  
ISOTHIAZOLONE  
ISOTHIOZOLINE, TOTAL  
ISOXSUPRINE  
KELTHANE  
KEPONE  
LANTHANUM, TOTAL  
LEAD  
LEAD TOTAL RECOVERABLE  
LEAD 210, TOTAL  
LEAD SLUDGE SOLID  
LEAD SLUDGE TOTAL  
LEAD, POTENTIALLY DISSOLVD  
LEAD, DISSOLVED (AS PB)  
LEAD, DRY WEIGHT  
LEAD, TOTAL DRY WEIGHT (AS PB)  
LEAD, TOTAL (AS PB)  
LINDANE  
LINOLEIC ACID  
LINOLENIC ACID  
M - ALKYLDIMETHLBENZYLAMCL  
MALATHION  
MB 121  
MERCAPTANS, TOTAL  
MERCAPTOBENZOTHAZOLE  
MERCURY  
MERCURY, POTENTIALLY DISSOLVD  
MERCURY, DISSOLVED (AS HG).

MERCURY, TOT IN BOT DEPOSITS (DRY WGT)  
MERCURY, TOTAL (AS HG)  
MERCURY TOTAL RECOVERABLE  
MERCURY, DRY WEIGHT  
METALS TOXICITY RATIO  
METALS, TOTAL  
METALS, TOX PRIORITY POLLUTANTS,  
TOTAL  
META-XYLENE  
METHAM SODIUM (VAPAM)  
METHANE  
METHANOL, TOTAL  
METHOCARBAMOL  
METHOMYL  
METHOXYCHLOR  
METHOXYPROPYLAMINE  
METHYL METHANESULFONATE  
METHYL ACETATE  
METHYL BROMIDE  
METHYL BROMIDE, DRY WEIGHT  
METHYL CHLORIDE  
METHYL CHLORIDE, DRY WEIGHT  
METHYL CYANIDE (ACETONITRILE)  
METHYL ETHYL BENZENE  
METHYL ETHYL KETONE  
METHYL ETHYL SULFIDE  
METHYL ISOBUTYL KETONE (MIBK)  
METHYL MERCAPTAN  
METHYL METHACRYLATE  
METHYL NAPHTHALENE  
METHYL PARATHION  
METHYL STYRENE  
METHYLAMINE  
METHYLENE BIS-THIOCYANATE  
METHYLENE CHLORIDE  
METHYLENE CHLORIDE, DRY WEIGHT  
METHYLENE CHLORIDE, SUSPENDED  
METHYLHYDRAZINE  
METRIBUZIN (SENCOR), WATER, DISSOLVED  
METRIOL TRINITRATE, TOTAL  
MIREX  
MOLYBDENUM DISSOLVED (AS MO)  
MOLYBDENUM, TOTAL (AS MO)  
MONOCHLOROACETIC ACID  
MONO-CHLORO-BENZENES  
MONOCHLOROBENZYLTRIFLUORIDE  
MONOCHLORODEHYDRO- ABIETIC ACID  
MONOCHLOROTOLUENE  
N PENTANE  
N, N- DIMETHYLFORMAMIDE  
N, N'DIETHYL CARBANILIDE  
N, N-DIMETHYL FORMAMIDE  
NAPHTHALENE  
NAPHTHALENE, DRY WEIGHT  
NAPHTHENIC ACID  
NAPROPAMIDE (DEVRIOL)

N-BUTYL ACETATE  
N-BUTYL-BENZENE SULFONAMIDE (IN  
WAT)  
N-BUTYLBENZENE (WHOLE WATER, UG/L  
NEPTUNE BLUE  
N-HEPTADECANE  
NIACINAMIDE  
NICKEL  
NICKEL TOTAL RECOVERABLE  
NICKEL SLUDGE SOLID  
NICKEL SLUDGE TOTAL  
NICKEL, POTENTIALLY DISSOLVD  
NICKEL, DISSOLVED (AS NI)  
NICKEL, SUSPENDED (AS NI)  
NICKEL, TOTAL (AS NI)  
NICKEL, TOTAL PER BATCH  
NICKEL, TOT IN BOTTOM DEPOSITS (DRY  
WGT)  
NICOTINE SULFATE  
NITROBENZENE  
NITROBENZENE, DRY WEIGHT  
NITROCELLULOSE  
NITROFURANS  
NITROGEN, ORGANIC, DISSOLVED (AS N)  
NITROGLYCERIN BY GAS  
CHROMATOGRAPHY  
NITROGUANIDINE  
NITROSODIPHENYLAMINE  
NITROSTYRENE  
N-NITROSO COMPOUNDS, VOLATILE  
N-NITROSO COMPOUNDS, VOLATILE  
N-NITROSODIBUTYL- AMINE  
N-NITROSODIETHYL- AMINE  
N-NITROSODIMETHYL- AMINE  
N-NITROSODIMETHYLAMINE, DRY WEIGHT  
N-NITROSODI-N-PROPYLAMINE  
N-NITROSODI-N-PROPYLAMINE, DRY  
WEIGHT  
N-NITROSODIPHENYL- AMINE  
N-NITROSODIPHENYLAMINE, DRY WEIGHT  
N-NITROSOPYRROLIDINE  
N-PROPYLBENZENE  
O - CHLOROBENZYL CHLORIDE  
OCTACHLORO- CYCLOPENTENE  
OCTYLPHENOXY POLYETHOXYETHANOL  
OIL, PETROLEUM ETHER EXTRACTABLES  
OIL/GREASE CALCULATED LIMIT  
OLEIC ACID  
ORDRAM (HYDRAM)  
ORGANIC ACTIVE IN- GREDIENTS (40CFR455)  
ORGANIC COMPOUNDS, CHLOROFORM  
EXTRACT  
ORGANIC HALIDES, TOTAL  
ORGANIC PESTICIDE CHEMICALS (40CFR455)  
ORGANICS, GASOLINE RANGE  
ORGANICS, TOT PURGE-ABLES (METHOD 624)

ORGANICS, TOTAL  
ORGANICS, TOTAL TOXIC (TTO)  
ORGANICS, VOLATILE (NJAC REG. 7:23-17E)  
ORGANICS-TOT VOLITILE (NJAC REG.7:23-17E)  
ORTHENE  
ORTHOCHLOROTOLUENE  
ORTHO-CRESOL  
ORTHO-XYLENE  
O-TOLUIDINE  
OXALIC ACID  
P,P'-DDE - DISSOLVED  
P,P'-DDT - DISSOLVED  
PALLADIUM, TOTAL (AS PD)  
P-AMINOBIIPHENYL  
PANTHALIUM, TOTAL  
PARABEN (METHYL AND PROPYL)  
PARACHLOROMETA CRESOL  
PARA-DICHLOROBENZENE  
PARAQUAT  
PARATHION  
PCB - 1262  
PCB, TOTAL SLUDGE, SCAN CODE  
PCB, TOTAL, SCAN EFFLUENT  
PCB-1016 (AROCHLOR 1016)  
PCB-1221 (AROCHLOR 1221)  
PCB-1232 (AROCHLOR 1232)  
PCB-1242 (AROCHLOR 1242)  
PCB-1248 (AROCHLOR 1248)  
PCB-1254 (AROCHLOR 1254)  
PCB-1260 (AROCHLOR 1260)  
PCBS IN BOTTOM DEPS. (DRY SOLIDS)  
P-CRESOL  
P-DIMETHYLAMINO- AZOBENZENE  
PEBULATE (TILLAM)  
PENTACHLOROBENZENE  
PENTACHLOROETHANE  
PENTACHLOROPHENOL  
PESTICIDES, GENERAL  
P-ETHYLTOLUENE  
PETROL HYDROCARBONS, TOTAL  
RECOVERABLE  
PHENACETIN  
PHENANTHRENE  
PHENANTHRENE, DRY WEIGHT  
PHENOL, SINGLE COMPOUND  
PHENOLIC COMPOUNDS, SLUDGE TOTAL,  
DRY WEIGHT  
PHENOLIC COMPOUNDS, UNCHLORINATED  
PHENOLICS IN BOTTOM DEPOSITS (DRY  
WGT)  
PHENOLICS, TOTAL RECOVERABLE  
PHENOLS  
PHENOLS, CHLORINATED  
PHENOXY ACETIC ACID  
PHENYLPROPANOLAMINE  
PHENYLTOLOXAMINE

PHORATE  
PHOSPHATED PESTICIDES  
PHOSPHOROTHIOIC ACID, 0,0,0-TRIETHYL  
ESTR  
PHTHALATE ESTERS  
PHTHALATES, TOTAL  
PHTHALIC ACID  
PHTHALIC ANHYDRIDE  
PLATINUM, TOTAL (AS PT)  
POLONIUM 210  
POLYACRILAMIDE CHLORIDE  
POLYBROMINATED BIPHENYLS  
POLYBROMINATED DIPHENYL OXIDES  
POLYCHLORINATED BIPHENYLS (PCBS)  
POLYMETHYLACRYLIC ACID  
PROPABHLOR (RAMROD) DISSOLVED  
PROPANE, 2-METHOXY- 2-METHYL  
PROPANIL  
PROPENE, TOTAL  
PROPRANE, TOTAL  
PROPYL ACETATE  
PROPYLENE OXIDE  
PROPYLENGLYCOL, TOTAL  
PURGEABLE AROMATICS METHOD 602  
PURGEABLE HYDRO- CARBONS, METH. 601  
PYRENE  
PYRENE, DRY WEIGHT  
PYRETHRINS  
PYRIDINE  
QUARTERNARY AMMONIUM COMPOUNDS  
QUINOLINE  
RADIATION, GROSS BETA  
RADIATION, GROSS ALPHA  
RADIOACTIVITY  
RADIOACTIVITY, GROSS  
RADIUM 226 + RADIUM 228, TOTAL  
RADIUM 226, DISSOLVED  
RADIUM 228, TOTAL  
RARE EARTH METALS, TOTAL  
RATIO OF FECAL COLIFORM TO FECAL  
STREPOC  
R-BHC (LINDANE) GAMMA  
RDX, DISSOLVED  
RDX, TOTAL  
RESIN ACIDS, TOTAL  
RESORCINOL  
RHODIUM, TOTAL  
ROTENONE  
ROUNDUP  
RUBIDIUM, TOTAL (AS RB)  
SAFROLE  
SAMARIUM, TOTAL (AS SM IN WATER)  
SELENIUM, ACID SOLUBLE  
SELENIUM SLUDGE SOLID  
SELENIUM, POTENTIALLY DISSOLVD  
SELENIUM, DISSOLVED (AS SE)

SELENIUM, DRY WEIGHT  
SELENIUM, SLUDGE, TOTAL DRY WEIGHT  
SELENIUM, TOTAL (AS SE)  
SELENIUM, TOTAL RECOVERABLE  
SEVIN  
SEVIN (CARBARYL) IN TISSUE  
SILVER  
SILVER TOTAL RECOVERABLE  
SILVER IN BOTTOM DEPOSITS (DRY WGT)  
SILVER, DISSOLVED (AS AG)  
SILVER, IONIC  
SILVER, POTENTIALLY DISSOLVED  
SILVER, TOTAL (AS AG)  
SILVER, TOTAL PER BATCH  
SILVEX  
SODIUM CHLORATE  
SODIUM DICHROMATE  
SODIUM DIMETHYL-DITHIOCARBAMATE,  
TOTAL  
SODIUM PENTACHLORO- PHENATE  
SODIUM POLYACRYLATE, TOTAL  
SODIUM-O-PPTH  
  
STRONTIUM 90, TOTAL  
STRONTIUM, DISSOLVED  
STRONTIUM, TOTAL (AS SR)  
STYRENE  
STYRENE, TOTAL  
SULFABENZAMIDE  
SULFACETAMIDE  
SULFATHIAZOLE  
SULFOTEPP (BLADAFUME)  
TANNIN AND LIGNIN  
TCDD EQUIVALENTS  
TELLURIUM, TOTAL  
TERBACIL  
TERBUFOS (COUNTER) TOTAL  
TETRA SODIUM EDTA  
TETRACHLORDIBENZOFURAN, 2378-(TCDF)  
SED,  
TETRACHLORO BENZENE  
TETRACHLOROETHANE, TOTAL  
TETRACHLOROETHENE  
TETRACHLOROETHYLENE  
TETRACHLOROETHYLENE  
TETRACHLOROETHYLENE, DRY WEIGHT  
TETRACHLOROGUAIACOL (4CG) IN WHOLE  
WATER  
TETRAHYDRO-3,5-DIMETHYL-2-HYDRO-1,3,5-  
TH  
TETRAHYDROFURAN  
TETRAMETHYLBENZENE  
THALLIUM IN BOTTOM DEPOSITS (DRY WGT)  
THALLIUM, POTENTIALLY DISSOLVD  
THALLIUM, ACID SOLUBLE  
THALLIUM, DISSOLVED (AS TL)

THALLIUM, TOTAL (AS TL)  
THALLIUM, TOTAL RECOVERABLE  
THC, DRY & O2  
THEOPHYLLINE  
THIOCARBAMATES  
THIOCYANATE (AS SCN)  
THIOSULFATE ION(2-)  
THORIUM 230  
THORIUM 232  
TIN  
TIN, DISSOLVED (AS SN)  
TIN, TOTAL (AS SN)  
TIN, TOTAL RECOVERABLE  
TITANIUM, DISSOLVED (AS TI)  
TITANIUM, TOTAL (AS TI)  
TITANIUM, TOTAL DRY WEIGHT (AS TI)  
TOLUENE  
TOLUENE, DISSOLVED  
TOLUENE, DRY WEIGHT  
TOLUENE-2,4-DIISOCYANITE  
POLYTRIAZOLE  
TOTAL ACID PRIORITY POLLUTANTS  
TOTAL BASE/NEUTRAL PRIORITY  
POLLUTANTS  
TOTAL PESTICIDES  
TOTAL PHENOLS  
TOTAL POLONIUM  
TOTAL PURGEABLE HALOCARBONS  
TOTAL TOXIC ORGANICS (TTO) (40CFR413)  
TOTAL TOXIC ORGANICS (TTO) (40CFR433)  
TOTAL TOXIC ORGANICS (TTO) (40CFR464A)  
TOTAL TOXIC ORGANICS (TTO) (40CFR464B)  
TOTAL TOXIC ORGANICS (TTO) (40CFR464C)  
TOTAL TOXIC ORGANICS (TTO) (40CFR464D)  
TOTAL TOXIC ORGANICS (TTO) (40CFR467)  
TOTAL TOXIC ORGANICS (TTO) (40CFR468)  
TOTAL TOXIC ORGANICS (TTO) (40CFR469)  
TOTAL TOXIC ORGANICS (TTO) (40CFR465)  
TOTAL VOLATILE PRIORITY POLLUTANTS  
TOXAPHENE  
TOXAPHENE, DRY WEIGHT  
TOXICITY  
TOXICITY, CERIODAPHNIA ACUTE  
TOXICITY, CERIODAPHNIA CHRONIC  
TOXICITY, PIMEPHALES ACUTE  
TOXICITY, PIMEPHALES CHRONIC  
TOXICITY, CHOICE OF SPECIES  
TOXICITY, FINAL CONC TOXICITY UNITS  
TOXICITY, SALMO CHRONIC  
TOXICITY, SAND DOLLAR  
TOXICITY, TROUT  
TOXICS, PERCENT REMOVAL  
TRANS-1,2-DICHLORO-ETHYLENE  
TRANS-1,3-DICHLORO PROPENE  
TREFLAN (TRIFLURALIN)  
TRIBUTHYLAMINE

TRIBUTYL TIN  
TRICHLOROBENZENE  
TRICHLOROBENZENE 1,2,4 TOTAL  
TRICHLOROETHANE  
TRICHLOROETHENE  
TRICHLOROETHYLENE  
TRICHLOROETHYLENE, DISSOLVED  
TRICHLOROETHYLENE, DRY WEIGHT  
TRICHLOROFLUORO- METHANE  
TRICHLOROGUAIACOL  
TRICHLOROPHENATE- (ISOMERS)  
TRICHLOROPHENOL  
TRICHLOROTOLUENE  
TRICHLOROTRIFLUORO- ETHANE  
TRIETHANOLAMINE  
TRIETHYLAMINE  
TRIFLURALIN (C13H16F3N3O4)  
TRIHALOMETHANE, TOT.  
TRIMETHYL BENZENE  
TRINITROTOLUENE (TNT), DISSOLVED  
TRINITROTOLUENE (TNT), TOTAL  
TRIPHENYL PHOSPHATE  
TRITHION  
TRITIUM (1 H3), TOTAL  
TRITIUM, TOTAL  
TRITIUM, TOTAL COUN-TING ERROR (PC/L)  
TRITIUM, TOTAL NET INCREASE H-3 UNITS  
TUNGSTEN, DISSOLVED  
TUNGSTEN, TOTAL  
U-236 TOTAL WTR  
URANIUM, POTENTIALLY DISSOLVD  
URANIUM, 235 TOTAL  
URANIUM, 238 TOTAL  
URANIUM, NATURAL, DISSOLVED  
URANIUM, NATURAL, TOTAL  
URANIUM, NATURAL, TOTAL (IN PC/L)  
URANIUM, TOTAL AS U308  
URANYL-ION  
UREA  
VERNAM (S-PROPYLDI-  
PROPYLTHIOCARBAMATE)  
VINYL ACETATE  
VINYL CHLORIDE  
VINYL CHLORIDE, DRY WEIGHT  
VOLATILE COMPOUNDS, (GC/MS)  
VOLATILE FRACTION ORGANICS (EPA 624)  
VOLATILE HALOGENATED HYDROCARBONS  
VOLATILE HALOGENATED ORGANICS (VHO),  
TOT  
VOLATILE HYDROCARBONS  
VOLATILE ORGANICS DETECTED  
XANTHATES  
XC POLYMER IN DRILLING FLUIDS  
XYLENE  
XYLENE, PARA- TOTAL  
ZINC

ZINC TOTAL RECOVERABLE  
ZINC IN BOTTOM DEPOSITS (DRY WGT)  
ZINC SLUDGE SOLID  
ZINC SLUDGE TOTAL  
ZINC, DISSOLVED (AS ZN)  
ZINC, DRY WEIGHT  
ZINC, POTENTIALLY DISSOLVED

ZINC, TOTAL  
ZINC, TOTAL (AS ZN)  
ZIRCONIUM, TOTAL

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**EXHIBIT D**

EXHIBIT D

| GROUP 1 # OF VIOLATIONS | GROUP 1 AMOUNT PER VIOLATION |
|-------------------------|------------------------------|
| 1                       | \$ 3,000                     |
| 2                       | \$ 3,000                     |
| 3                       | \$ 3,000                     |
| 4                       | \$ 3,000                     |
| 5                       | \$ 3,000                     |
| 6                       | \$ 3,300                     |
| 7                       | \$ 3,300                     |
| 8                       | \$ 3,300                     |
| 9                       | \$ 3,300                     |
| 10                      | \$ 3,300                     |
| 11                      | \$ 4,000                     |
| 12                      | \$ 4,000                     |
| 13                      | \$ 4,000                     |
| 14                      | \$ 4,000                     |
| 15                      | \$ 4,000                     |
| 16                      | \$ 5,000                     |
| 17                      | \$ 5,000                     |
| 18                      | \$ 5,000                     |
| 19                      | \$ 5,000                     |
| 20                      | \$ 5,000                     |
| 21                      | \$ 7,000                     |
| 22                      | \$ 7,000                     |
| 23                      | \$ 7,000                     |
| 24                      | \$ 7,000                     |
| 25                      | \$ 7,000                     |
| 26+                     | \$ 10,000                    |

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**EXHIBIT E**

EXHIBIT E

| GROUP 2 # of Violations | GROUP 2 AMOUNT PER VIOLATION |
|-------------------------|------------------------------|
| 1                       | \$5,000                      |
| 2                       | \$5,000                      |
| 3                       | \$5,000                      |
| 4                       | \$5,000                      |
| 5                       | \$5,000                      |
| 6                       | \$5,500                      |
| 7                       | \$5,500                      |
| 8                       | \$5,500                      |
| 9                       | \$5,500                      |
| 10                      | \$5,500                      |
| 11                      | \$6,250                      |
| 12                      | \$6,250                      |
| 13                      | \$6,250                      |
| 14                      | \$6,250                      |
| 15                      | \$6,250                      |
| 16                      | \$7,500                      |
| 17                      | \$7,500                      |
| 18                      | \$7,500                      |
| 19                      | \$7,500                      |
| 20                      | \$7,500                      |
| 21                      | \$9,000                      |
| 22                      | \$9,000                      |
| 23                      | \$9,000                      |
| 24                      | \$9,000                      |
| 25                      | \$9,000                      |
| 26                      | \$11,500                     |
| 27                      | \$11,500                     |
| 28                      | \$11,500                     |
| 29                      | \$11,500                     |
| 30                      | \$11,500                     |
| 31+                     | \$15,000                     |

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