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

[Exempt from fees pursuant to Government Code Section 6103]

IN THE SUPERIOR COURT OF THE STATE OF CALIFORNIA

FOR THE COUNTY OF VENTURA

PEOPLE OF THE STATE OF CALIFORNIA EX REL. REGIONAL WATER QUALITY CONTROL BOARD, LOS ANGELES REGION, **PLAINTIFF,** **V.** **THE BOEING COMPANY,** **DEFENDANT.**	Case No. 56-2010-00371686-CU-MC-SIM **SECOND AMENDED AND RESTATED CONSENT JUDGMENT PURSUANT TO STIPULATION OF THE PARTIES; [PROPOSED] ORDER** (Wat. Code, Division 7, Chapter 5.5.) Judge: Hon. Kevin G. DeNoce Courtroom: 43

This Second Amended and Restated Consent Judgment ("Consent Judgment") supersedes the consent judgments entered in the above-captioned case on June 2, 2010 ("2010 Consent Judgment") and December 30, 2014 ("2014 Amended Consent Judgment") and is entered into by Plaintiff the PEOPLE OF THE STATE OF CALIFORNIA, ex rel. REGIONAL WATER QUALITY CONTROL BOARD, LOS ANGELES REGION (Regional Board), and Defendant The Boeing Company (Boeing). For purposes of this Consent Judgment, the Regional Board and Boeing shall be referred to collectively as the "Parties," and individually as "Party."

INTRODUCTION

This Consent Judgment relates to Boeing's failure to comply with the terms of its National Pollutant Discharge Elimination System (NPDES) Permit No. CA0001309 at its Santa Susana Field Laboratory. As set forth in the Complaint filed concurrently with the 2010 Consent Judgment, the Regional Board alleges that Boeing failed to comply with its NPDES permit by discharging pollutants in excess of the effluent limits set by the terms of the NPDES permit into navigable waters of the United States, in violation of Water Code sections 13376 and 13385.

The Parties engaged in extended settlement negotiations prior to the initiation of litigation. In these negotiations, the Regional Board was represented by the Attorney General of the State of California. Boeing was represented by Paul Hastings, Janofsky & Walker LLP.

The Parties agreed to settle this matter without litigation pursuant to the terms in the 2010 Consent Judgment. The Regional Board filed a Complaint simultaneously with the lodging of the 2010 Consent Judgment. The Parties entered into the 2010 Consent Judgment pursuant to a compromise and settlement of the allegations in the Complaint.

Pursuant to the 2010 Consent Judgment, Boeing paid a civil penalty of $200,000. Additionally, the 2010 Consent Judgment required that Boeing fund a Supplemental Environmental Project ("SEP") in the amount of $300,000 to assist in the development of a Los Angeles Region Watershed Modeling Project and an optimal set of Best Management Practices that stormwater management agencies can use to achieve reductions in stormwater runoff volumes and related pollutant loading. These obligations, which are reflected in Sections 4 and 5 herein, have been completed by Boeing.

Boeing also agreed in the 2010 Consent Judgment to the imposition of stipulated penalties for future violations of Boeing's NPDES permit from the period of January 1, 2010 through December 31, 2014. In the 2014 Amended Consent Judgment, the parties agreed to extend the

period for imposition of stipulated penalties for violations of Boeing's NPDES permit through December 31, 2016. The 2014 Amended Consent Judgment also added a new Section 27 regarding public notice and comment of the 2014 Amended Consent Judgment and this Consent Judgment prior to entry by the Court.

The amendments in this Consent Judgment extend the period for the imposition of stipulated penalties for future violations of Boeing's NPDES permit through December 31, 2021 and extend the expiration date of the Consent Judgment to June 30, 2022. The amendments also include modifications to the termination provisions. The amendments are reflected in modifications to Sections 6 and 25 herein. Exhibit C has also been updated to reflect the current version of the State Water Resources Control Board's Water Quality Enforcement Policy.

The Parties believe that the resolution embodied in the 2010 Consent Judgment, the 2014 Amended Consent Judgment, and this Consent Judgment is reasonable, fulfills the Regional Board's enforcement objectives, and that entry of this Consent Judgment is fair and in the best interest of the public.

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

IT IS HEREBY ORDERED, ADJUDGED, AND DECREED:

CONSENT JUDGMENT PURSUANT TO STIPULATION

1. DEFINITIONS

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

2. COMPLAINT

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

3. JURISDICTION AND VENUE

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

4. PAYMENT OF CIVIL PENALTIES AND INVESTIGATION AND ENFORCEMENT COSTS

4.1 Total Penalties

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

4.2 Civil Penalty Payment

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

Boeing shall deliver these payments to:

State Water Resources Control Board
ATTENTION: ACL PAYMENT
Division of Administrative Services, Accounting Branch
1001 I Street, 18th Floor, [95814]
P.O. Box 1888
Sacramento, California 95812-1888

With a copy of the payments to:

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

4.3 Suspended Penalties and Supplemental Environmental Project (SEP)

4.3.a SEP Funding

Additional penalties in the amount of three hundred thousand dollars ($300,000) shall be suspended. These suspended penalties ("Suspended Civil Liability") shall be deemed satisfied once Boeing funds a SEP in the amount of three hundred thousand dollars ($300,000) and the SEP is completed by the Southern California Coastal Waters Research Project (SCCWRP) in accordance with the SEP Workplan, attached hereto as Exhibit A.

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

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

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

4.3.b SCCWRP

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

4.3.c SEP Description

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

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

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

Within sixty (60) days of entry of this Consent Judgment, Boeing shall pay seventy-five thousand five hundred dollars ($75,500) for attorneys' fees and staff investigation costs and SEP oversight costs, delivered as set forth in Section 4.2 above and with a check payable to the State

Water Pollution Cleanup and Abatement Account. If Boeing fails to make payment of this amount within sixty (60) days, Boeing shall pay a stipulated penalty of one thousand dollars ($1,000) for each day payment is overdue with a check payable to the State Water Pollution Cleanup and Abatement Account delivered to the Regional Board as set forth in Section 4.2 above.

4.5 Disputes Pertaining to Payment of Penalties

Should any disagreement arise pertaining to Boeing's failure to pay civil penalties, attorneys fees, staff investigation costs, SEP oversight costs, or SEP funding, the Regional Board may move the Court to award such payment(s) by serving and filing a regularly noticed motion in accordance with Code of Civil Procedure section 1005 ("Enforcement Motion"). Boeing may file an opposition, and the Regional Board may file a reply. At least ten days before filing an Enforcement Motion, the Regional Board must meet and confer in good faith with Boeing to attempt to resolve the dispute without judicial intervention. The court retains, in addition to the above-described enforcement procedures, its power to enforce the Consent Judgment through contempt.

5. SEP OBLIGATIONS

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

5.1 Submittal of Progress Reports

Boeing shall submit to the Designated Regional Board Representative, who shall be Paula Rasmussen, or her designated replacement to receive notice under Section 9 below, quarterly reports of progress of the SEP, including (a) SCCWRP's implementation of, and compliance with, the SEP Milestone Requirements and (b) SCCWRP's expenditures on the SEP to date.

SCCWRP may submit these quarterly reports on Boeing's behalf. The first quarterly report, for the fourth quarter of 2010, shall be due no later than February 1, 2011. The subsequent quarterly reports shall be due no later than the first day of May, August, November, and February of each year.

If Boeing, or SCCWRP on Boeing's behalf, fails to submit a quarterly report on or before the due date and Boeing or SCCWRP has not previously obtained an extension of time in which to submit the report from the Designated Regional Board Representative, Boeing shall pay an additional stipulated penalty of one hundred dollars ($100.00) per day that the Final Report is overdue with a check payable to the State Water Pollution Cleanup and Abatement Account delivered to the Regional Board as set forth in Section 4.2 above.

5.2 Audits and Certification of Environmental Project

5.2.a Certification of Expenditures.

On or before March 31, 2013, or a later revised date set by the Regional Board on its own motion or upon a showing of good cause for delay by Boeing and/or the Southern California Coastal Waters Research Project (SCCWRP) ("SEP Completion Date"), Boeing shall submit a certified statement documenting the expenditures by Boeing and SCCWRP during the completion period for the SEP. The expenditures by SCCWRP may be external payments to outside vendors or contractors implementing the SEP. If applicable, the expenditures by SCCWRP may include the costs of internal Environmental Management resources and internal Business Unit resources, provided that such expenditures are directly related to development and implementation of the SEP. In making such certification, the official may rely upon normal company project tracking systems that capture employee time expenditures and external payments to outside vendors such as environmental and information technology contractors or consultants. The Certification of Expenditures need not address any costs incurred by the Regional Board for oversight. SCCWRP

may submit the Certification of Expenditures on Boeing's behalf.

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

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

5.2.b Certification of Performance of Work

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

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

5.2.c Third Party Audit

If at any time prior to December 31, 2014, the Regional Board obtains information that causes it to reasonably believe that Boeing or SCCWRP has not expended money in the amounts

claimed by Boeing, or has not adequately completed any of the work in the SEP Workplan, the Designated Regional Board Representative, at her discretion may require, and Boeing shall submit, at its sole cost, a report prepared by an independent third party(ies) acceptable to the Regional Board staff providing such party(ies)'s professional opinion that Boeing and/or SCCWRP has expended money in the amounts claimed by Boeing. Such information shall be provided to the Designated Regional Board Representative within three (3) months of the request by the Designated Regional Board Representative. The audit need not address any costs incurred by the Regional Board for oversight.

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

5.3 Regional Board Acceptance of Completed SEP

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

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

In the event that Boeing is not able to demonstrate to the reasonable satisfaction of the Regional Board that the $300,000 has been spent to complete the SEP (as described herein and in the SEP Workplan), Boeing shall pay the difference between the Suspended Civil Liability and the amount Boeing can demonstrate was actually spent on the SEP, as a civil liability. A showing

in the Section 5.2.a Certification of Expenditures that Boeing has expended $300,000 to SCCWRP for the SEP and that SCCWRP has expended the $300,000 to complete the SEP shall constitute a satisfactory demonstration of such expenditure. If Boeing fails to pay the difference, the Regional Board shall use the procedures set forth in Section 7 below to enforce this term.

5.5 Failure To Complete The SEP

In the event the SEP is not fully implemented as required by this Consent Judgment or there has been a material failure to satisfy a SEP Milestone Requirement, Boeing shall pay, as a civil liability, the difference between the Suspended Civil Liability and the amount Boeing and/or SCCWRP can demonstrate was actually spent on the SEP in meeting one or more SEP Milestone Requirement(s). Such payment shall be made by check payable to the State Water Pollution Cleanup and Abatement Account and delivered to the Regional Board as set forth in Section 4.2 above. The Regional Board may enforce this provision by using the procedures set forth in Section 7 below.

5.6 Publicity

Whenever Boeing or its agents or subcontractors or SCCWRP publicizes one or more elements of the SEP, they shall 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.

6. STIPULATED PENALTIES FOR FUTURE VIOLATIONS

Boeing shall comply with its NPDES permit. Should Boeing fail to comply with its NPDES permit, the parties consent to stipulated penalties as described below. These stipulated penalties apply to Boeing's violations of its NPDES permit(s) from January 1, 2010 through December 31, 2021. Should Boeing violate any NPDES permit terms after December 31, 2021, the Regional Board shall not be constrained in any way by the terms of this agreement, and may seek to recover any penalties or enforce the terms of the NPDES permit as permitted by law. For

any NPDES permit violation occurring between (and including) January 1, 2010, and December 31, 2021 that is not a type of violation subject to stipulated penalties as set forth in section 6.1 below, the Regional Board shall not be constrained in any way by the terms of this agreement, and may seek to recover any penalties or enforce the terms of the NPDES permit as permitted by law. For any NPDES permit violation occurring between (and including) January 1, 2010, and December 31, 2021, that is a type of violation subject to stipulated penalties as set forth in Section 6.1 below, Boeing shall be subject to the following stipulated penalties:

6.1 Types of Penalties

Boeing shall pay stipulated penalties for: 1) each NPDES permit violation that constitutes a "serious violation" requiring the imposition of mandatory minimum penalties, as defined in Water Code section 13385, subdivision (h), or 2) each permit violation that requires the imposition of mandatory minimum penalties, as defined in Water Code section 13385, subdivision (i). The violations shall be placed in three categories: Group 1 violations (violations involving Group 1 pollutants), Group 2 violations (violations involving Group 2 pollutants), and TCDD (also known as dioxin) violations. Group 1 and 2 pollutants are defined here as they are in the 2010 State Water Resources Control Board's Water Quality Enforcement Policy, Appendices C and D (a copy of which is attached hereto as Exhibit C). However, the following constituents shall be included in the Group 1 pollutants category: 1) Temperature; 2) pH; 3) Settleable solids; 4) Turbidity; and, 5) Conductivity. In addition, TCDD violations shall not be considered to be either Group 1 or Group 2 violations.

6.2 Civil Penalties for Each Group 1 Violation Occurring Between January 1, 2010, and December 31, 2021

Boeing shall be automatically penalized for Group 1 NPDES violations occurring between January 1, 2010, and December 31, 2021. The amount of the penalty for each violation shall vary, depending on the number of prior violations during that time period. The first through fifth

violations of Group 1 pollutants shall result in a penalty of three thousand dollars ($3,000) per violation. The sixth through tenth violations of Group 1 pollutants shall result in a penalty of three thousand three hundred dollars ($3,300) per violation. The eleventh through fifteenth violations of Group 1 pollutants shall result in a penalty of four thousand dollars ($4,000) per violation. The sixteenth through twentieth violations of Group 1 pollutants shall result in a penalty of five thousand dollars ($5,000) per violation. The twenty-first through twenty-fifth violations of Group 1 pollutants shall result in a penalty of seven thousand dollars ($7,000) per violation. The twenty-sixth violation, and any violation of Group 1 pollutants thereafter, shall result in a penalty of ten thousand dollars ($10,000) per violation. The amount of the penalty per violation for each violation of Group 1 pollutants is also set forth in Exhibit D attached hereto.

6.3 Civil Penalties for Each Group 2 Violation Occurring Between January 1, 2010, and December 31, 2021

Boeing shall be automatically penalized for Group 2 NPDES violations occurring between January 1, 2010, and December 31, 2021. The amount of the penalty for each violation shall vary, depending on the number of prior violations during that time period. The first through fifth violations of Group 2 pollutants shall result in a penalty of five thousand dollars ($5000) per violation. The sixth through tenth violations of Group 2 pollutants shall result in a penalty of five thousand five hundred dollars ($5,500) per violation. The eleventh through fifteenth violations of Group 2 pollutants shall result in a penalty of six thousand two hundred fifty dollars ($6,250) per violation. The sixteenth through twentieth violations of Group 2 pollutants shall result in a penalty of seven thousand five hundred dollars ($7,500) per violation. The twenty-first through twenty-fifth violations of Group 2 pollutants shall result in a penalty of nine thousand dollars ($9,000) per violation. The twenty-sixth through thirtieth violations of Group 2 pollutants shall result in a penalty of eleven thousand five hundred dollars ($11,500) per violation. The thirty-

first violation, and any violation of Group 2 pollutants thereafter, shall result in a penalty of fifteen thousand dollars ($15,000) per violation. The amount of the penalty per violation for each violation of Group 2 pollutants is also set forth in Exhibit E attached hereto.

6.4 Civil Penalties for Each TCDD Violation Occurring Between January 1, 2010, and December 31, 2021

Boeing shall be automatically penalized for TCDD NPDES violations occurring between January 1, 2010, and December 31, 2021. The amount of the penalty for each violation shall be a total of seven thousand dollars ($7,000) per violation. Violations pertaining to TCDD shall not be exempt from stipulated penalties by Water Code section 13385 subdivision (j)(1)(B).

6.5 Determination of Violations

Boeing shall continue to monitor and report each violation of Group 1 pollutants, Group 2 pollutants, and TCDD, as it is required to do under its current NPDES permit and under any other permit(s) under which it operates from January 1, 2010, to December 31, 2021. If Boeing fails to monitor or report as required by its permit(s), then the Regional Board retains the right to enforce against Boeing for those violations to the full extent the law permits.

6.6 Time for Payment and Form of Payment of Stipulated Penalties

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

State Board, with a copy to the Regional Board as set forth in Section 4.2 above.

6.7 Additional Penalties for Each Violation

The Regional Board may move the court to award penalties in excess of the stipulated penalty amounts listed above, up to the limit allowed by law, by filing and serving a regularly noticed motion in accordance with Code of Civil Procedure section 1005 ("Enforcement Motion") within 180 days after Boeing has paid stipulated penalties for the violation at issue. These excess penalties may be sought only where: 1) the permit violations are the result of intentional or willful misconduct by Boeing, or 2) where the penalty provided for above does not recover Boeing's economic benefits from its failure to adequately operate or maintain existing stormwater management equipment or Best Management Practices (BMPs), which failure causes or contributes to the violation. In evaluating such economic benefits, the Regional Board shall evaluate Boeing's reduced remediation costs, reduced BMP costs, and other costs saved from its failure to adequately operate or maintain existing stormwater management equipment or BMPs. Boeing may file an opposition, and the Regional Board may file a reply. At least ten days before filing an Enforcement Motion, the Regional Board must meet and confer in good faith with Boeing to attempt to resolve the demand for additional penalties in excess of the agreed-to minimum penalty without judicial intervention. The court retains, in addition to the above-described enforcement procedures, its power to enforce the Consent Judgment through contempt.

6.8 Disputes Pertaining to Boeing's Failure to Pay Stipulated Penalties

Should any disagreement arise pertaining to Boeing's failure to pay a stipulated penalty, or any monies owed under this Judgment, or should Boeing disagree with any stipulated penalty amount it has paid or contend that it should not have paid for a reported violation, either party may move the court for a resolution of the matter by filing and serving a regularly noticed motion in accordance with Code of Civil Procedure section 1005 ("Enforcement Motion"). Either party

may file an opposition to the motion, and the moving party may file a reply. At least ten days before filing an Enforcement Motion, the moving party must meet and confer in good faith with the other party to attempt to resolve the dispute without judicial intervention. The court retains, in addition to the above-described enforcement procedures, its power to enforce the Consent Judgment through contempt.

7. ENFORCEMENT AND PENALTIES

7.1. Procedure

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

7.2. Remedies and Sanctions

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

Account delivered to the State Board, with a copy to the Regional Board, as set forth in Section 4.2 above.

8. MATTERS COVERED BY THIS CONSENT JUDGMENT

8.1 This Consent Judgment is a final and binding resolution and settlement of all "Covered Matters." "Covered Matters" include all claims, violations or causes of action alleged by the Regional Board in the Complaint, and of all claims, violations or causes of action which could have been asserted by the Regional Board against Boeing, based on the facts that are the subject of the Complaint and reports sent by Boeing to the Regional Board pertaining to all exceedances of its NPDES permit up to and including exceedances on December 31, 2009.

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

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

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

8.5 Boeing hereby specifically reserves any rights, and by this settlement does not waive its rights, to challenge any permit, permit condition, or Regional Board action not otherwise resolved pursuant to this settlement, including but not limited to administrative and/or judicial

challenges to the conditions set forth in any NPDES permit or other Order issued to Boeing for the Santa Susana Field Laboratory.

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

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

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

11. EFFECT OF JUDGMENT

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

12. LIABILITY OF REGIONAL BOARD

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

13. NO WAIVER OF RIGHT TO ENFORCE

The failure of the Regional Board to enforce any provision of this Consent Judgment shall neither be deemed a waiver of such provision nor in any way affect the validity of this Consent Judgment. The failure of the Regional Board to enforce any such provision shall not preclude it from later enforcing the same or any other provision of this Consent Judgment. No oral advice, guidance, suggestions or comments by employees or officials of any Party regarding matters

covered in this Consent Judgment shall be construed to relieve any Party of its obligations under this Consent Judgment.

14. FUTURE REGULATORY CHANGES

Nothing in this Consent Judgment shall excuse Boeing from meeting any more stringent requirements that may be imposed by changes in the applicable law.

15. APPLICATION OF CONSENT JUDGMENT

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

16. AUTHORITY TO ENTER CONSENT JUDGMENT

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

17. RETENTION OF JURISDICTION

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

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

18. NON-DISCHARGEABILITY OF OBLIGATIONS

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

19. ABILITY TO INSPECT AND COPY RECORDS AND DOCUMENTS

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

20. PAYMENT OF LITIGATION EXPENSES AND FEES

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

21. INTERPRETATION

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

22. COUNTERPART AND FACSIMILE SIGNATURES

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

23. INTEGRATION

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

24. MODIFICATION OF CONSENT JUDGMENT

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

25. TERMINATION OF CONSENT JUDGMENT

This Consent Judgment will expire and be of no further effect after June 30, 2022, or after Boeing has reported any and all violations of its NPDES permit through December 31, 2021 and has paid all stipulated penalties resulting from any such violations, whichever comes last.

If, based upon the monitoring reports submitted by Boeing or other credible information, the Regional Board determines that there are ongoing substantial and consistent violations of Boeing's NPDES permit such that this Consent Judgment is not achieving its objectives, the Regional Board may terminate this Consent Judgment before June 30, 2022. Such termination shall be effective ten (10) business days after the date of the Regional Board's written notice to Boeing of that determination. Upon any such termination of this Consent Judgment, the Regional Board shall not be constrained in any way by the terms of this agreement, and may seek to recover any penalties or enforce the terms of the NPDES permit as permitted by law.

26. FINAL JUDGMENT

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

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.

Plaintiff Regional Water Quality Control Board, Los Angeles Region:

Dated: _____, 2017

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

Approved as to form:

Dated: _____, 2017

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

Defendant The Boeing Company:

Dated:_____, 2017

_____
STEVEN L. SHESTAG
Director, Enterprise Remediation
Environment, Health & Safety
The Boeing Company

Dated: _____, 2017

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

Approved as to form:

Dated: _____, 2017

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

IT IS SO ORDERED, ADJUDGED AND DECREED

Dated: _____ _____

Judge of the Superior Court

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 4th 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,

K Schiff

Kenneth Schiff, Deputy Director

3535 Harbor Blvd. Suite 110, Costa Mesa, CA 92626-1437
(714) 755-3200 *fax* (714) 755-3299

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 Reseach 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 invaulable 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

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 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

Milestone	*Product*	*Timeline (assumes start date of May 2010)*	*Cost (Total: $300,000)*
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	Quarterly Reports	First report – 4th Quarter 2010 due no later than Feb 1, 2011 1st Quarter due no later than May 1 2nd Quarter due no later than Aug 1 3rd Quarter due no later than Nov 1 4th Quarter due no later than Feb 1	$20,000
	Draft Report	Three months before Completion Date	
	Final Report	March 31, 2013 (or other designated Completion Date)	

EXHIBIT C

EXHIBIT C

State Water Resources Control Board Water Quality Enforcement Policy (May 20, 2010)

APPENDIX C: GROUP 1 POLLUTANTS

This list of pollutants is based on Appendix A to Section 123.45 of Title 40 of the Code of Federal Regulations.

Oxygen Demand
Biochemical Oxygen Demand (BOD)
Chemical Oxygen Demand (COD)
Total Oxygen Demands
Total Organic Carbon
Other*

Solids
Total Dissolved Solids (TDS)
Total Suspended Solids (TSS)
Other*

Nutrients
Inorganic Phosphorous Compounds
Inorganic Nitrogen Compounds
Other*

Detergents and Oils
Methylene Blue Active Substances
Nitrillotriacetic Acid
Oil and Grease
Other Detergents or Algicides*

Minerals
Calcium
Chloride
Fluoride
Magnesium
Sodium
Potassium
Sulfur
Sulfate
Total Alkalinity
Total Hardness
Other Minerals*

Metals
Aluminum
Cobalt
Iron
Vanadium

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* 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-MINRL METHYL ORANGE (AS CACO3)
ACIDITY, TOTAL (AS CACO3)
ALGICIDES, GENERAL
ALKALINITY, BICARBONATE (AS CACO3)
ALKALINITY, CARBONATE (AS CACO3)
ALKALINITY, PHENOL-PHTHALINE METHOD
ALKALINITY, TOTAL (AS CACO3)
ALUMINUM
ALUMINUM, ACID SOLUABLE
ALUMINUM CHLORIDE, DISSOLVED, WATER
ALUMINUM, DISSOLVED (AS AL)
ALUMINUM, IONIC
ALUMINUM, POTENTIALLY DISSOLVD
ALUMINUM SULFATE
ALUMINUM, TOTAL RECOVERABLE
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, 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, 11-DAY (20 DEG. C)
BOD, 20-DAY (20 DEG. C)
BOD, 20-DAY, PERCENT REMOVAL
BOD 35-DAY (20 DEG. C)
BOD, CARB-5 DAY, 20 DEG C, PERCENT REMVL
BOD, CARBONACEOUS 5 DAY, 5C
BOD, CARBONACEOUS (5-DAY, 20 DEG C)
BOD, CARBONACEOUS 05 DAY, 20C
BOD, CARBONACEOUS 20 DAY, 20C
BOD CARBONACEOUS, 25-DAY (20 DEG. C)
BOD, CARBONACEOUS, 28-DAY (20 DEG. C)
BOD, CARBONACEOUS, PERCENT REMOVAL
BOD, FILTERED, 5 DAY, 20 DEG C
BOD, MASS, TIMES FLOW PROP. MULTIPLIER
BOD, NITROG INHIB 5-DAY (20 DEG. C)
BOD, PERCENT REMOVAL (TOTAL)
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 REPORTED AS THE ELEMENT
CALCIUM IN BOTTOM DEPOSITS
CALCIUM, DISSOLVED (AS CA)
CALCIUM, PCT EXCHANGE
CALCIUM, PCT IN WATER, (PCT)
CALCIUM, TOTAL RECOVERABLE
CARBON DIOXIDE (AS CO2)
CARBON, TOTAL (AS C)
CARBON, TOTAL INORGANIC (AS C)
CARBON, TOT ORGANIC (TOC)
CARBON, TOT ORGANIC (TOC) PER 1000 GALS.
CARBONACEOUS BOD, 5 DAY, 20 DEG C FILTRD
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, SOLUBLE
CHLORIDE
CHLORIDE (AS CL)
CHLORIDE, DISSOLVED (AS CL)
CHLORIDE, DISSOLVED IN WATER
CHLORIDE, PERCENT REMOVAL
CHLORIDE, PER CFS OF STREAMFLOW
CHLORIDE, SLUDGE, TOTAL DRY WEIGHT
CHLORIDES & SULFATES
CHLORINE DEMAND, 1 HR
CHLORITE
COBALT, DISSOLVED (AS CO)
COBALT, TOTAL (AS CO)
COBALT, TOTAL RECOVERABLE (AS CO)
COPPER, SLUDGE, TOT, DRY WEIGHT (AS CU)
DIGESTER SOLIDS CONTENT, PERCENT
DITHIOCARBAMATE, RPTD AS DITHIOCARBONATE
DRILLED SOLIDS IN DRILLING FLUIDS
ENDRIN KETONE, IN WATER
FERROCHROME LIGNO-SULFONATED FRWTR MUD
FERROCYANIDE
FERROUS SULFATE
FIRST STAGE OXYGEN DEMAND, % REMOVAL
FLUORIDE-FREE
FLUORIDE, DISSOLVED (AS F)
FLUORIDE, TOTAL (AS F)
FLUOROBORATES
FREE ACID, TOTAL
HARDNESS, TOTAL (AS CACO3)
HYDROCHLORIC ACID
HYDROGEN PEROXIDE
HYDROGEN PEROXIDE (T) DILUTION RATIO
HYDROGEN SULFIDE
HYDROGEN SULFIDE UNIONIZED
IODIDE (AS I)
IRON
IRON AND MANGANESE-SOLUBLE
IRON AND MANGANESE-TOTAL
IRON, DISSOLVED (AS FE)
IRON, DISSOLVED FROM DRY DEPOSITION
IRON, FERROUS
IRON, POTENTIALLY DISSOLVED
IRON, SLUDGE, TOTAL, DRY WEIGHT (AS FE)
IRON, SUSPENDED
IRON, TOTAL (AS FE)
IRON, TOTAL PER BATCH

IRON, TOTAL PERCENT REMOVAL
IRON, TOTAL PER PRODUCTION
LIGHTLY TREATED LIG-NOSULFONATED MUD
LITHIUM, DISSOLVED (AS LI)
LITHIUM, TOTAL (AS LI)
MACROINVERTEBRATE ASSESSMENT
MAGNESIUM, DISSOLVED (AS MG)
MAGNESIUM, IN BOTTOM DEPOSITS
MAGNESIUM, PCT EXCHANGE
MAGNESIUM, TOTAL RECOVERABLE
MANGANESE IN BOTTOM DEPOSITS (DRY WGT)
MANGANESE, POTENTIALLY DISSOLVED
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 NO3) SLUDGE SOLID
NITROGEN OXIDES (AS N)
NITROGEN SLUDGE SOLID
NITROGEN SLUDGE TOTAL
NITROGEN, AMMONIA DISSOLVED
NITROGEN, AMMONIA IN BOTTOM DEPOSITS
NITROGEN, AMMONIA, PERCENT REMOVAL
NITROGEN, AMMONIA PER CFS OF STREAMFLW
NITROGEN, AMMONIA TOTAL (AS N)
NITROGEN, AMMONIA TOTAL (AS NH4)
NITROGEN, AMMONIA, SLUDGE, TOT DRY WGT
NITROGEN, AMMONIA, TOT UNIONIZED (AS N)
NITROGEN, DISSOLVED
NITROGEN, KJELDAHL DISSOLVED (AS N)
NITROGEN, KJELDAHL TOTAL
NITROGEN, KJELDAHL TOTAL (AS N)
NITROGEN, NITRATE DISSOLVED
NITROGEN, NITRATE TOTAL
NITROGEN, NITRATE TOTAL (AS N)
NITROGEN, NITRATE TOTAL (AS NO3)
NITROGEN, NITRITE TOTAL (AS N)
NITROGEN, NITRITE TOTAL (AS NO2)
NITROGEN, ORGANIC TOTAL (AS N)
NITROGEN, SLUDGE, TOT, DRY WT. (AS N)
NITROGEN, TOTAL AS NO3 + NH3
NITROGEN, TOTAL KJELDAHL, % REMOVAL
NITROGEN, INORGANIC TOTAL
NITROGEN, OXIDIZED
NITROGEN-NITRATE IN WATER, (PCT)
NITROGEN-NITRITE IN WATER, (PCT)
NITROGENOUS OXYGEN DEMAND, % REMOVAL
NITROGENOUS OXYGEN DEMAND (20-DAY, 20C)
NON-IONIC DISPERSANT (NALSPERSE 7348)
NON-NITROGENOUS BOD
OIL & GREASE
OIL & GREASE AROMATIC
OIL & GREASE, HEXANE EXTR METHOD
OIL & GREASE (FREON EXTR.-IR METH) TOT, RC
OIL & GREASE, NON POLAR MATERIAL
OIL & GREASE % REMOVAL
OIL & GREASE PER CFS OF STREAMFLW
OIL & GREASE, PER 1000 GALLONS
OIL & GREASE PER PRODUCTION
OIL & GREASE (POLAR)
OIL & GREASE (SOXHLET EXTR.) TOT.
OIL & GREASE VISUAL
OXYGEN DEMAND, CHEM. (COD), DISSOLVED
OXYGEN DEMAND, CHEM. (HIGH LEVEL) (COD)
OXYGEN DEMAND, CHEM. (LOW LEVEL) (COD)
OXYGEN DEMAND, DISSOLVED
OXYGEN DEMAND FIRST STAGE
OXYGEN DEMAND, NITROGENOUS, ULTIMAT
OXYGEN DEMAND, SUM PRODUCT
OXYGEN DEMAND, TOTAL
OXYGEN DEMAND, TOTAL (TOD)
OXYGEN DEMAND, ULT. CARBONACEOUS (UCOD)
OXYGEN DEMAND, ULT., PERCENT REMOVAL
OXYGEN DEMAND, ULTIMATE
OZONE
OZONE-RESIDUAL
PENTACHLOROPHENOL, REMOVAL EFFICIENCY
PHOSPHATE TOTAL SOLUBLE
PHOSPHATE, DISSOLVED COLOR METHOD (AS P)
PHOSPHATE, DISSOLVED/ORTHOPHOSPHATE(AS P)
PHOSPHATE, ORTHO (AS P)
PHOSPHATE, ORTHO (AS PO4)
PHOSPHATE, POLY (AS PO4)
PHOSPHATE, TOTAL (AS PO4)
PHOSPHATE, TOTAL COLOR. METHOD (AS P)

PHOSPHORUS, DISSOLVED
PHOSPHORUS, DISSOLVED REATIVE (DRP AS P)
PHOSPHOROUS, IN TOTAL ORTHOPHOSPHATE
PHOSPHORUS (REACTIVE AS P)
PHOSPHOROUS 32, TOTAL
PHOSPHOROUS, TOTAL ELEMENTAL
PHOSPHOROUS, TOTAL, IN BOTTOM DEPOSITS
PHOSPHOROUS, TOTAL ORGANIC (AS P)
PHOSPHORUS, TOTAL (AS P)
PHOSPHORUS, TOTAL PERCENT REMOVAL
PHOSPHORUS, TOTAL SOLUBLE (AS PO4)
POTASSIUM, DISSOLVED (AS K)
POTASSIUM, IN BOTTOM DEPOSITS
POTASSIUM, PCT EXCHANGE
POTASSIUM, TOTAL PCTIN WATER, (PCT)
POTASSIUM, TOTAL RECOVERABLE
PROPARGITE
RATIO FECAL COLIFORM & STREPTOCOCCI
RESIDUE, SETTLEABLE
RESIDUE, TOTAL FILTERABLE
RESIDUE, TOTAL NON-SETTLEABLE
RESIDUE, TOTAL VOLATILE
RESIDUE, VOLATILE NONFILTERABLE
SEAWATER GEL MUD
SETTLEABLE SOLIDS PERCENT REMOVAL
SILICA, DISSOLVED (AS SIO2)
SILICON, TOTAL
SILICA, TOTAL (AS SIO2)
SLUDGE BUILD-UP IN WATER
SLUDGE, RATE OF WASTING
SLUDGE SETTLEABILITY 30 MINUTE
SLUDGE VOLUME DAILY INTO A WELL
SODIUM ADSORPTION RATIO
SODIUM ARSENITE
SODIUM CHLORIDE (SALT)
SODIUM, DISSOLVED (AS NA)
SODIUM HEXAMETA-PHOSPHATE
SODIUM IN BOTTOM DEP (AS NA) (DRY WGT)
SODIUM NITRITE
SODIUM, %
SODIUM, % EXCHANGE- ABLE SOIL, TOTAL
SODIUM, SLUDGE, TOT, DRY WEIGHT (AS NA)
SODIUM SULFATE, TOTAL
SODIUM, TOTAL (AS NA)
SODIUM, TOTAL RECOVERABLE
SOLIDS ACCUMULATION RATE TOT DRY WEIGHT
SOLIDS, FIXED DISSOLVED
SOLIDS, FIXED SUSPENDED
SOLIDS, SETTLEABLE
SOLIDS, SETTLEABLE, NET VALUE
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 DISSOLVED PERCENT BY WEIGHT
SOLIDS, TOTAL DISSOLVED (INORGANIC)
SOLIDS, TOTAL FIXED
SOLIDS, TOTAL SUSPD. NON-VOLATILE
SOLIDS, TOTAL SUSPENDED
SOLIDS, TOTAL VOLATILE
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, TOTAL SUSPENDED, LOADING RATE
SOLIDS, TOTAL SUSPENDED, NET VALUE
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 TRMTPLT
SOLIDS, DRY, REMOVED FROM SOL. HANDLING SYS.
SOLIDS, TOT. VOLATILE PERCENT REMOVAL
SOLIDS, VOLATILE % OF TOTAL SOLIDS
SOLIDS-FLOTNG-VISUAL DETRMNTN-# DAYS OBS
SULFATE
SULFATE (AS S)
SULFATE, DISSOLVED (AS SO4)
SULFATE IN SEDIMENT
SULFATE, TOTAL (AS SO4)
SULFIDE, DISSOLVED, (AS S)
SULFIDE, TOTAL
SULFIDE, TOTAL (AS S)
SULFITE (AS S)
SULFITE (AS SO3)
SULFITE WASTE LIQUOR PEARL BENSON INDEX
SULFUR DIOXIDE TOTAL
SULFUR, TOTAL
SULPHUR, TOTAL ELEMENTAL
SUM BOD AND AMMONIA, WATER
SURFACTANTS, AS CTAS
SURFACTANTS (LINEAR ALKYLATE SULFONATE)
SURFACTANTS (MBAS)
SUSPENDED SOLIDS
SUSPENDED SOLIDS, TOTAL ANNUAL

SUSPENDED SOLIDS, TOTAL DISCHARGE
TOTAL CHLORIDE RESIDUAL, BROMINE
TOTAL SUSP. SOLIDS-LB/CU FT PROCESS
TRIARYL PHOSPHATE
ULTRAVIOLET LIGHT TRANSMITTANCE
VANADIUM, DISSOLVED (AS V)
VANADIUM, SUSPENDED (AS V)
VANADIUM, TOTAL
VANADIUM, TOTAL (AS V)
VANADIUM, TOTAL DRY WEIGHT (AS V)
VANADIUM, TOTAL RECOVERABLE
VEGETATIVE COVER
WLA BOD-5 DAY VALUE

APPENDIX D: GROUP 2 POLLUTANTS

Group 2 Pollutants. This list of pollutants is based on Appendix A to Section 123.45 of Title 40 of the Code of Federal Regulations.

Metals
All metals not specifically listed under Group 1.

Inorganics
Cyanide
Total Residual Chlorine

Organics
All organics not specifically listed under Group 1.

Other*

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* 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, 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-2,2,2-TRIFLUOROETHANE
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
1,1,2,2-TETRACHLOROETHYLENE
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
1,2,3 TRICHLORO-ETHANE
1,2,3,4,6,7,8,9-OCTACHLORODIBENZOFURAN
1,2,3,4,6,7,8,9-OCTACHLORODIBENZO-P-DIOX
1,2,3,4,6,7,8-HEPTA CHLORODIBENZOFURAN
1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXN
1,2,3,4,7,8,9-HEPTA CHLORODIBENZOFURAN
1,2,3,4,7,8-HEXACHLORODIBENZOFURAN
1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN
1,2,3,6,7,8-HEXACHLORODIBENZOFURAN
1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN
1,2,3,7,8,9-HEXACHLORODIBENZOFURAN
1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN
1,2,3,7,8-PENTACHLORODIBENZOFURAN
1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN
1,2,3-TRICHLOROPROPANE
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-DICHLORO-1,1,2-T
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 DICHLOROPROPYLENE
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-ETHOXY-2-METHYLPROPANE
1-HYDROXY-ETHYLIDENE
1-METHYLNAPHTHALENE
1-NITROSOPIPERIDINE
2,2-DIBROMO-3-NITRILOPROPIONAMIDE
2,2-DICHLOROPROPANE
2,2-DICHLOROVINYL DIMETHYLPHOSPHATE
2,2-DIMETHYL-2,3-DI-HYDRO-7-BENZOFURANOL
2,3 DICHLOROPROPYLENE
2,3,4,6,7,8-HEXACHLORODIBENZOFURAN
2,3,4,6-TETRACHLORO-PHENOL
2,3,4,7,8-PENTACHLORODIBENZOFURAN
2,3,7,8 CHLORO-DIBENZOFURAN
2,3,7,8 TETRACHLORO-DIBENZO FURAN (TCDF)
2,3,7,8 TETRACHLORODIBENZO-P-DIOXIN
2,3,7,8 TETRACHLORODIBENZO-P-DIOXIN SED,
2,4,5 - T
2,4,5, TP(SILVEX)
2,4,5-TP(SILVEX) ACIDS/SALTS WHOLE WATER SAMPLE
2,4,5 - TRICHLORO- PHENOL
2,4,5-TRICHLOROPHENOXYPROPIONIC ACID
2,4,6 TRICHLOROPHENOL, DRY WEIGHT
2,4,6-TRICHLORO-PHENOL
2,4-D SALTS AND ESTERS
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, DRY WEIGHT
2-CHLOROETHYL VINYL ETHER (MIXED)
2-CHLORONAPHTHALENE
2-CHLOROPHENOL
2-ETHYL-1-HEXANOL
2-ETHYL-2-METHYL-DIOXOLANE
2-HEXANONE
2-METHYL-2-PROPANOL (TBA)
2-METHYL-4,6-DINITROPHENOL
2-METHYL-4-CHLOROPHENOL
2-METHYLNAPHTHALENE
2-METHYLPENTANE
2-METHYLPHENOL
2-METHYLPYRIDINE
2-NAPHTHYLAMINE
2-NITROANILINE
2-NITROPHENOL
2-PROPANONE
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-METHYLHEXANE
3-METHYLPENTANE
3-METHYLPYRIDINE
3-NITROANILINE, TOTAL IN WATER
4,4-BUTYLDENEBIS-(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-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
ACEPHATE (ORTHENE, ORTRAN)
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
ACTINIUM 228
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
AMETRYN ORGANIC PESTICIDE
AMIBEN (CHLORAMBEN)
AMINES, ORGANIC TOTAL
AMINOTROL - METHYLENE PHOSPHATE
AMYL ALCOHOL
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, POTENTIALLY DISSOLVED
ARSENIC, DISSOLVED (AS AS)
ARSENIC, DRY WEIGHT
ARSENIC, TOTAL (AS AS)
ARSENIC, TOTAL RECOVERABLE
ASANA
ASBESTOS
ASBESTOS (FIBROUS)
A-TERPINEOL
ATRAZINE
ATRAZINE, DISSOLVED
AZIDE
AZOBENZENE
BALAN (BENEFIN)
BARIUM IN BOTTOM DEPOSITS (DRY WGT)
BARIUM, POTENTIALLY DISSOLVED
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
BENFLURALIN, (ORG. PESTICIDE ACT. INGD)
BENOMYL & CARBEND. ORGANIC PESTICIDE
BENTAZON, TOTAL
BENZENE
BENZENE (VOLATILE ANALYSIS)
BENZENE HEXACHLORIDE
BENZENE SULPHONIC ACID
BENZENE, DISSOLVED
BENZENE, DRY WEIGHT
BENZENE, HALOGENATED
BENZENE, TOLUENE, XYLENE IN COMBINATION
BENZENE, ETHYL BENZENE TOLUENE, XYLENE COMBINATION
BENZENE HEXACHLORIDE
BENZIDINE
BENZIDINE, DRY WEIGHT
BENZISOTHIAZOLE
BENZO(A) FLUORANTHENE
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, DISSOLVED (AS BE)
BERYLLIUM, POTENTIALLY DISSOLVED
BERYLLIUM, TOTAL (AS BE)
BERYLLIUM, TOTAL RECOVERABLE (AS BE)
BETA, DISSOLVED
BETA, SUSPENDED
BETA, TOTAL
BETA, TOTAL, COUNTING ERROR
BETASAN(N-2-MERCAPTO ETHYL BENZENE SULFAMID
BEZONITRILE (CYANOBENZENE)
BHC, TOTAL
BHC-ALPHA
BHC-BETA
BHC-DELTA
BHC-GAMMA
BIFENTHRIN
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 214
BISMUTH, TOTAL (AS BI)
BISPHENOL-A
BROMACIL
BROMACIL (HYVAR)
BROMACIL, LITHIUM
BROMOCHLOROMETHANE
BROMODICHLOROETHANE
BROMOFORM
BROMOFORM, DRY WGT
BROMOMETHANE
BROMOXYNIL ORGANIC PESTICIDE
BROMOXYNIL OCTANOATE
BUSAN 40 ORGANIC PESTICIDE
BUSAN 85 ORGANIC PESTICIDE
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, PERCENT REMOVAL
CADMIUM, SLUDGE, TOTAL DRY WGT (AS CD)
CADMIUM, TOTAL (AS CD)
CAFFEINE
CAPTAFOL
CAPTAN
CARBAMATES
CARBARYL TOTAL
CARBN CHLOROFRM EXT-RACTS, ETHER INSOLUBL
CARBOFURAN
CARBON DISULFIDE (CS2)
CARBON TETRACHLORIDE
CARBON TETRACHLORIDE, DRY WEIGHT
CARBON, CHLOROFORM EXTRACTABLES
CARBON, DISSOLVED ORGANIC (AS C)
CARBOSULFAN, TOTAL
CERIUM, TOTAL
CESIUM 137
CESIUM,TOTAL (AS CS)
CHIRAL
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
CHLORETHOXYFOS
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, TOTAL & PCBS
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 OF VIOLATION
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
CHLORONEB ORGANIC PESTICIDE
CHLORONITROBENZENE
CHLOROPHENOXY PROPANANOL
CHLOROSYRINGEALDEHYDE, EFFLUENT
CHLOROTHALONIL ORGANIC PESTICIDE
CHLOROTOLUENE
CHLOROXAZONE
CHLORPHENIRAMINE
CHLORPYRIFOS
CHROMIUM
CHROMIUM SLUDGE SOLID
CHROMIUM SLUDGE TOTAL
CHROMIUM TOTAL RECOVERABLE
CHROMIUM TRIVALENT IN BOTTOM DEPOSITS
CHROMIUM, DISSOLVED (AS CR)
CHROMIUM, DRY WEIGHT
CHROMIUM, HEXAVALENT
CHROMIUM, HEXAVALENT (AS CR)
CHROMIUM, HEXAVALENT DISSOLVED (AS CR)
CHROMIUM, HEXAVALENT IN BOT DEP (DRY WGT)
CHROMIUM, HEXAVALENT POTENTIALLY DISOLVED
CHROMIUM, HEXAVALENT TOT RECOVERABLE
CHROMIUM, SUSPENDED (AS CR)
CHROMIUM, TOTAL
CHROMIUM, TOTAL (AS CR)
CHROMIUM, TOTAL DRY WEIGHT (AS CR)
CHROMIUM, TOTAL IN BOT DEP (WET WGT)
CHROMIUM, TOTAL PERCENT REMOVAL
CHROMIUM, TRIVALENT (AS CR)
CHROMIUM, TRIVALENT, POTENTIALLY DISSOLVED
CHRYSENE
CIS-1,3-DICHLORO PROPENE
CITRIC ACID
CN, FREE (AMENABLE TO CHLORINE)
COLUMBIUM, TOTAL
COMBINED METALS SUM
COPPER
COPPER AS SUSPENDED BLACK OXIDE
COPPER IN BOTTOM DEPOSITS (DRY WGT)
COPPER SLUDGE SOLID
COPPER SLUDGE TOTAL
COPPER TOTAL RECOVERABLE
COPPER, DISSOLVED (AS CU)
COPPER, PERCENT REMOVAL
COPPER, POTENTIALLY DISSOLVED
COPPER, SUSPENDED (AS CU)
COPPER, TOTAL (AS CU)
COPPER, TOTAL PER BATCH
COUMAPHOS
CRESOL
CYANATE (AS OCN)
CYANAZINE
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 AVAILABLE
CYANIDE, FREE-WATER PLUS WASTEWATERS
CYANIDE, DISSOLVED STD METHOD
CYANIDE, FREE (AMEN. TO CHLORINATION)
CYANIDE, TOTAL (AS CN)
CYANIDE, TOTAL RECOVERABLE
CYANIDE, WEAK ACID, DISSOCIABLE
CYCLOATE (RONEET)
CYCLOHEXANE
CYCLOHEXANONE
CYCLOHEXYL AMINE (AMINO HEXAHYDRO)
CYCOHEXANONE
CYFLUTHRIN
DACONIL (C8CL4N2)
DACTHAL
DAZOMET

DCPA, ORGANIC PESTICIDE
DDD IN WHOLE WATER SAMPLE
DDE
DDT
DDT/DDD/DDE, SUM OF P, P & O,P ISOMERS
DECACHLOROBIPHENYL (DCBP) TOTAL
DECHLORANE PLUS
DEF, ORGANIC PESTICIDE
DEHYDROABIETIC ACID
DELNAV
DELTA BENZENE HEXACHLORIDE
DELTAMETHRIN
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
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
DIOXATHION ORGANIC PESTICIDE
DIOXIN
DIOXIN (TCDD) SUSPENDED
DISSOLVED RADIOACTIVE GASSES
DISULFOTON
DIURON
DMDS
DOCOSANE
DODECYLGUANIDINE SALTS
DYPHYLLINE
EDTA
EDTA AMMONIATED
ENDOSULFAN SULFATE
ENDOSULFAN, ALPHA, IN WASTE
ENDOSULFAN, BETA, IN WASTE
ENDOSULFAN, TOTAL
ENDOTHALL SALTS & ESTERS, ORG. PEST.
ENDRIN
ENDRIN + ENDRIN ALDEHYDE (SUM)
ENDRIN ALDEHYDE
EPHEDRINE SULFATE
EPICHLOROHYDRIN
EPTC (EPTAM)
ESTRADIOL
ETHALFLURALIN WATER, TOTAL
ETHANE, 1,2-BIS (2- CLRETHXY), HOMLG SUM
ETHION
ETHOXYQUIN
ETHYL ACETATE
ETHYL BENZENE
ETHYL ETHER BY GAS CHROMATOGRAPH
ETHYL METHANESULFONATE
ETHYL METHYL-DIOXOLANE

ETHYL PARATHION
ETHYLBENZENE
ETHYLBENZENE, DRY WEIGHT
ETHYLENE
ETHYLENE CHLOROHYDRIN
ETHYLENE DIBROMIDE (1,2 DIBROMOETHANE)
ETHYLENE GLYCOL
ETHYLENE GLYCOL DINITRATE
ETHYLENE OXIDE
ETHYLENE THIOUREA (ETU)
ETHYLENE, DISSOLVED (C2H4)
EXPLOSIVE LIMIT, LOWER
EXPLOSIVES, COMBINED TNT + RDX + TETRYL
FENARIMOL ORGANIC PESTICIDE
FENVALERATE ORGANIC PESTICIDE
FERRICYANIDE
FLUORANTHENE
FLUORANTHENE, DRY WEIGHT
FLUORENE
FLUORENE, DRY WEIGHT
FLUORIDE-COMPLEX
FLUSILAZOLE
FOAMING AGENTS
FOLPET WATER TOTAL
FORMALDEHYDE
FORMIC ACID
FREON 113 (1,1,1-TRIFLOURO-2,2-
FREON, TOTAL
FUEL, DIESEL, #1
FURANS
FURFURAL
GALLIUM, TOTAL (AS GA)
GAMMA-BHC
GAMMA, TOTAL
GAMMA, TOTAL COUNTING ERROR
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, TOTAL ORGAN-ICS BOTTOM SEDIMENT
HALOGENS, TOTAL COMBINED
HALOMETHANES, SUM
HEPTACHLOR
HEPTACHLOR + HEPTACHLOR EPOXIDE
HEPTACHLOR, DRY WEIGHT
HEPTANE
HERBICIDES, TOTAL
HEXACHLOROBENZENE
HEXACHLOROBENZENE, DRY WEIGHT
HEXACHLOROBIPHENYL
HEXACHLOROBUTADIENE
HEXACHLOROBUTADIENE, DRY WEIGHT
HEXACHLOROCYCLOHEXANE (BHC) TOTAL
HEXACHLOROCYCLO-PENTADIENE
HEXACHLOROCYCLOPENTADIENE, DRY WEIGHT
HEXACHLOROETHANE
HEXACHLOROETHANE, DRY WEIGHT
HEXACHLOROPENTADIENE
HEXACHLOROPHENE
HEXADECANE
HEXAHYDROAZEPINONE
HEXAMETHYL-PHOSPHORAMINE (HMPA)
HEXAMETHYLBENZENE
HEXANE
HEXAZIMONE
HMX-1,3,5,7-TETRA ZOCINE (OCTOGEN)
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
ISOBUTYRALDEHYDE
ISODECYLDIPHENYL-PHOSPHATE
ISODRIN
ISO-OCTANE
ISOOCTYL 2,4,5-T
ISOOCTYL SILVEX
ISOPHORONE
ISOPHORONE, DRY WEIGHT

ISOPIMARIC ACID
ISOPRENE
ISOPROPALIN WATER, TOTAL
ISOPROPANOL
ISOPROPYL ACETATE
ISOPROPYL ALCOHOL (C3H8O), SED.
ISOPROPYLBENZENE
ISOPROPYL ETHER
ISOPROPYLBIPHENYL, TOTAL
ISOPROPYLIDINE DIOXYPHENOL
ISOTHIAZOLONE
ISOTHIOZOLINE, TOTAL
ISOXSUPRINE
KELTHANE
KEPONE
KN METHYL ORGANIC PESTICIDE
LANTHANUM, TOTAL
LEAD
LEAD TOTAL RECOVERABLE
LEAD 210
LEAD 210, TOTAL
LEAD 212
LEAD 214
LEAD SLUDGE SOLID
LEAD SLUDGE TOTAL
LEAD, DISSOLVED (AS PB)
LEAD, DRY WEIGHT
LEAD, POTENTIALLY DISSOLVD
LEAD, TOTAL (AS PB)
LEAD, TOTAL DRY WEIGHT (AS PB)
LINDANE
LINOLEIC ACID
LINOLENIC ACID
LINURON ORGANIC PESTICIDE
M-ALKYLDIMETHLBENZYLAMCL
MALATHION
MB 121
MCPA 2-ETHYLHEXYL ESTER
MERCAPTANS, TOTAL
MERCAPTOBENZOTHIAZOLE
MERCURY
MERCURY TOTAL RECOVERABLE
MERCURY, DISSOLVED (AS HG)
MERCURY, DRY WEIGHT
MERCURY (HG), IN BARITE, DRY WEIGHT
MERCURY, POTENTIALLY DISSOLVD
MERCURY, TOT IN BOT DEPOSITS (DRY WGT)
MERCURY, TOTAL (AS HG)
MERCURY, TOTAL (LOW LEVEL)
METALS TOXICITY RATIO
METALS, TOTAL
METALS, TOX PRIORITY POLLUTANTS, TOTAL
METAM POTASSIUM
META-XYLENE
METHAMIDOPHOS ORGANIC PESTICIDE
METHAM SODIUM (VAPAM)
METHANE
METHANOL, TOTAL
METHOCARBAMOL
METHOMYL
METHOXYCHLOR
METHOXYPROPYLAMINE
METHYL ACETATE
METHYL BROMIDE
METHYL METHANESULFONATE
METHYL BROMIDE, DRY WEIGHT
METHYL CHLORIDE
METHYL CHLORIDE, DRY WEIGHT
METHYL CYANIDE (ACETONITRILE)
METHYL ETHYL BENZENE
METHYL ETHYL KETONE
METHYL ETHYL SULFIDE
METHYL FORMATE
METHYL ISOBUTYL KETONE (MIBK)
METHYL MERCAPTAN
METHYL METHACRYLATE
METHYL NAPHTHALENE
METHYL PARATHION
METHYL STYRENE
METHYLAMINE
METHYLCYCLOPENTANE
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
MP062 (STEWARD)
NABAM, ORGANIC PESTICIDE
NABONATE
N-AMYL ACETATE
NAPHTHALENE
NAPHTHALENE, DRY WEIGHT
NAPHTHENIC ACID
NAPROPAMIDE (DEVRINOL)
N-BUTYL ACETATE
N-BUTYL-BENZENE SULFONAMIDE (IN WAT)
N-BUTYL-BENZENE (WHOLE WATER, UG/L
NEPTUNE BLUE
N-HEPTADECANE
NIACINAMIDE
NICKEL

NICKEL SLUDGE SOLID
NICKEL SLUDGE TOTAL
NICKEL TOTAL RECOVERABLE
NICKEL, DISSOLVED (AS NI)
NICKEL, POTENTIALLY DISSOLVED
NICKEL, SUSPENDED (AS NI)
NICKEL, TOTAL (AS NI)
NICKEL, TOT IN BOTTOM DEPOSITS (DRY WGT)
NICKEL, TOTAL PER BATCH
NICOTINE SULFATE
NITROBENZENE
NITROBENZENE, DRY WEIGHT
NITROCELLULOSE
NITROFURANS
NITROGEN, ORGANIC, DISSOLVED (AS N)
NITROGLYCERIN BY GAS CHROMATOGRAPHY
NITROGUANIDINE
NITROSODIPHENYLAMINE
NITROSTYRENE
N-METHYL-2-PYRROLIDONE
N-NITROSO COMPOUNDS, VOLATILE
N-NITROSODIBUTYL-AMINE
N-NITROSODIETHYL-AMINE
N-NITROSODIMETHYL-AMINE
N-NITROSODIMETHYL-AMINE, DRY WEIGHT
N,N-DIETHYL CARBANILIDE
N,N-DIMETHYL FORMAMIDE
N-NITROSODI-N-BUTYLAMINE
N-NITROSODI-N-PROPYLAMINE
N-NITROSODI-N-PROPYLAMINE, DRY WEIGHT
N-NITROSODIPHENYL-AMINE
N-NITROSODIPHENYLAMINE, DRY WEIGHT
N-NITROSOPYRROLIDINE
NONHALOGENATED VOLATILE ORGANICS
NONPURGEABLE ORGANIC HALIDES
NORFLURAZON ORGANIC PESTICIDE
N PENTANE
N-PROPYLBENZENE
O-CHLOROBENZYL CHLORIDE
OCTACHLORO-CYCLOPENTENE
OCTACHLORODIBENZO P DIOXIN
OCTACHLORODIBENZOFURAN
OCTYLPHENOXY POLYETHOXYETHANOL
OIL/GREASE CALCULATED LIMIT
OIL, PETROLEUM ETHER EXTRACTABLES
OLEIC ACID
ORDRAM (HYDRAM)
ORGANIC ACTIVE IN-GREDIENTS (40 CFR 455)
ORGANIC COMPOUNDS, CHLOROFORM EXTRACT.
ORGANIC HALIDES, TOTAL
ORGANIC PESTICIDE CHEMICALS (40 CFR 455)
ORGANICS, GASOLINE RANGE
ORGANICS, TOTAL
ORGANICS, TOTAL HALOGENS (TOX)
ORGANICS, TOTAL PURGE-ABLES (METHOD 624)
ORGANICS, TOTAL TOXIC (TTO)
ORGANICS-TOTAL VOLATILE (NJAC REG.7:23-17E)
ORGANICS, VOLATILE (NJAC REG. 7:23-17E)
ORTHENE
ORTHOCHLOROTOLUENE
ORTHO-CRESOL
ORTHO-XYLENE
O-TOLUIDINE
OXALIC ACID
OXYTETRACYCLINE HYDROCHLORIDE
P,P-DDE-DISSOLVED
P,P-DDT-DISSOLVED
PALLADIUM, TOTAL (AS PD)
P-AMINOBIPHENYL
PANTHALIUM, TOTAL
PARABEN (METHYL AND PROPYL)
PARACHLOROMETA CRESOL
PARA-DICHLOROBENZENE
PARAQUAT
PARATHION
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)
PCB-1262
PCB, TOTAL SLUDGE, SCAN CODE
PCBS IN BOTTOM DEPS. (DRY SOLIDS)
PCNB, ORGANIC PEST.
P-CRESOL
P-DIMETHYLAMINO-AZOBENZENE
PEBULATE (TILLAM)
PENDIMETHALIN ORGANIC PESTICIDE
PENTACHLOROBENZENE
PENTACHLOROETHANE
PENTACHLOROPHENOL
PENTANE, TOTAL EFFLUENT
PERFLUOROBUTANE SULFONAMIDE
PERFLUOROBUTANOIC ACID
PERFLUOROBUTANOIC SULFONATE
PERFLUOROOCTANE SULFONAMIDE
PERFLUOROOCTANE SULFONATE
PERFLUOROOCTANOIC ACID
PERMETHRIN, TOTAL
PERTHANE
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
PHOSMET, ORGANIC PESTICIDE
PHOSPHATED PESTICIDES
PHOSPHOROTHIOIC ACID 0,0,0-TRIETHYL ESTR
PHTHALATE ESTERS
PHTHALATES, TOTAL
PHTHALIC ACID
PHTHALIC ANHYDRIDE
PIRIMICARB
PLATINUM, TOTAL (AS PT)
POLONIUM 210
POLYACRILAMIDE CHLORIDE
POLYBROMINATED BIPHENYLS
POLYBROMINATED DIPHENYL OXIDES
POLYCHLORINATED BIPHENYLS (PCBS)
POLYMETHYLACRYLIC ACID
POLY-NUCLEAR AROMATICS (POLYRAM)
POTASSIUM 40
PRIORITY POLLUTANTS TOTAL EFFLUENT
PROFENOFOS
PROMETON, ORGANIC PESTICIDE
PROMETRYN, ORGANIC PESTICIDE
PRONAMIDE, ORGANIC PESTICIDE
PROPABHLOR (RAMROD) DISSOLVED
PROPACHLOR, ORGANIC PESTICIDE
PROPANE, 2-METHOXY-2-METHYL (MTBE)
PROPANIL
PROPAZINE, ORGANIC PESTICIDE
PROPRANE, TOTAL
PROPYL ACETATE
PROPYLENE OXIDE
PROPYLENGLYCOL, TOTAL
PROTACTINIUM 234, DRY WEIGHT
PURGEABLE AROMATICS METHOD 602
PURGEABLE HYDRO-CARBONS, METH. 601
PURGEABLE ORGANIC HALIDES
PYMETROZINE
PYRENE
PYRENE, DRY WEIGHT
PYRETHRINS
PYRIDINE
PYRIFENOX
QUARTERNARY AMMONIUM COMPOUNDS
QUINOLINE
RADIATION-GROSS ALPHA TOT DISSOLVED
RADIATION-GROSS ALPHA TOT SUSPENDED
RADIATION, GROSS BETA
RADIATION, GROSS ALPHA
RADIOACTIVITY
RADIOACTIVITY, GROSS
RADIUM 224
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
ROVRAL
RUBIDIUM, TOTAL (AS RB)
SAFROLE
SAMARIUM, TOTAL (AS SM IN WATER)
SELENIUM SLUDGE SOLID
SELENIUM, ACID SOLUBLE
SELENIUM, DISSOLVED (AS SE)
SELENIUM, DRY WEIGHT
SELENIUM, POTENTIALLY DISSOLVD
SELENIUM, SLUDGE, TOTAL DRY WEIGHT
SELENIUM, TOTAL (AS SE)
SELENIUM, TOTAL RECOVERABLE
SEVIN (CARBARYL) IN TISSUE
SEVIN (CARBRYL)
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-O-PPTH
SODIUM PENTACHLORO- PHENATE

SODIUM POLYACRYLATE, TOTAL
SOPP
SOPP, LOADING RATE
STIROFOS
STROBANE
STRONTIUM 90, TOTAL
STRONTIUM, DISSOLVED
STRONTIUM, TOTAL (AS SR)
STYRENE
STYRENE, TOTAL
SULFABENZAMIDE
SULFACETAMIDE
SULFATHIAZOLE
SULFOTEPP (BLADAFUME)
TANNIN AND LIGNIN
TCDD EQUIVALENTS
TCMTB
TEBUCONAZOLE
TEBUPIRIMFOS
TEBUTHIURON ORGANIC PESTICIDE
TECHNETIUM-99
TEFLUTHRIN
TELLURIUM, TOTAL
TEMEPHOS
TERBACIL
TERBUFOS
TERBUFOS (COUNTER) TOTAL
TERBUTHYLAZINE ORGANIC PESTICIDE
TERBUTRYN, ORGANIC PESTICIDE
TETRA SODIUM EDTA
TETRACHLORDIBENZOFURAN, 2378-(TCDF)
SED,
TETRACHLOROBENZENE
TETRACHLOROETHANE, TOTAL
TETRACHLOROETHENE
TETRACHLOROETHYLENE
TETRACHLOROETHYLENE, DRY WEIGHT
TETRACHLOROGUAIACOL (4CG) IN WHOLE
WATER
TETRAHYDRO-3,5-DIMETHYL-2-HYDRO-1,3,5-
TH
TETRAHYDROFURAN
TETRAMETHYL AMMONIUM HYDROXIDE
TETRAMETHYLBENZENE
THALLIUM 208
THALLIUM IN BOTTOM DEPOSITS (DRY WGT)
THALLIUM, ACID SOLUBLE
THALLIUM, DISSOLVED (AS TL)
THALLIUM, POTENTIALLY DISSOLVED
THALLIUM, TOTAL (AS TL)
THALLIUM, TOTAL RECOVERABLE
THC, DRY & 02
THEOPHYLLINE
THIABENDAZOLE
THIOBENDAZOLE
THIOCARBAMATES
THIOCYANATE (AS SCN)
THIOSULFATE ION(2-)
THORIUM 230
THORIUM 232
THORIUM 232 PCI/G OF DRY SOLIDS
THORIUM 234
TIN
TIN, DISSOLVED (AS SN)
TIN, TOTAL (AS SN)
TIN, TOTAL RECOVERABLE
TIN, TRI-ORGANO-
TITANIUM, DISSOLVED (AS TI)
TITANIUM, TOTAL (AS TI)
TITANIUM, TOTAL DRY WEIGHT (AS TI)
TOLUENE
TOLUENE, DISSOLVED
TOLUENE, DRY WEIGHT
TOLUENE-2,4 -DIISOCYANITE
TOLYTRIAZOLE
TOPSIN
TOTAL ACID PRIORITY POLLUTANTS
TOTAL BASE/NEUTRAL PRIORITY
POLLUTANTS
TOTAL PESTICIDES
TOTAL PHENOLS
TOTAL POLONIUM
TOTAL PURGEABLE HALOCARBONS
TOTAL TOXIC ORGANICS (TTO) (40 CFR 413)
TOTAL TOXIC ORGANICS (TTO) (40 CFR 433)
TOTAL TOXIC ORGANICS (TTO) (40 CFR 464A)
TOTAL TOXIC ORGANICS (TTO) (40 CFR 464B)
TOTAL TOXIC ORGANICS (TTO) (40 CFR 464C)
TOTAL TOXIC ORGANICS (TTO) (40 CFR 464D)
TOTAL TOXIC ORGANICS(TTO) (40 CFR 465)
TOTAL TOXIC ORGANICS (TTO) (40 CFR 467)
TOTAL TOXIC ORGANICS (TTO) (40 CFR 468)
TOTAL TOXIC ORGANICS (TTO) (40 CFR 469)
TOTAL VOLATILE PRIORITY POLLUTANTS
TOXAPHENE
TOXAPHENE, DRY WEIGHT
TOXICS, PERCENT REMOVAL
TRANS-1,2-DICHLORO-ETHYLENE
TRANS-1,3-DICHLORO PROPENE
TREFLAN (TRIFLURALIN)
TRIADIMEFON ORGANIC PESTICIDE
TRIBUTHYLAMINE
TRIBUTYLTIN
TRICHLOROBENZENE
TRICHLOROBENZENE 1,2,4 TOTAL
TRICHLOROETHANE
TRICHLOROETHENE
TRICHLOROETHYLENE
TRICHLOROETHYLENE, DISSOLVED
TRICHLOROETHYLENE, DRY WEIGHT
TRICHLOROFLUORO-METHANE
TRICHLOROGUAIACOL

TRICHLOROMETHANE
TRICHLOROPHENATE-(ISOMERS)
TRICHLOROPHENOL
TRICHLOROTOLUENE
TRICHLOROTRIFLUORO-ETHANE
TRICHOROFON
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 COUNTING ERROR (PC/L)
TRITIUM, TOTAL NET INCREASE H-3 UNITS
TUNGSTEN, DISSOLVED
TUNGSTEN, TOTAL
U-236 TOTAL WTR
URANIUM 235, DRY WEIGHT
URANIUM 238
URANIUM, POTENTIALLY DISSOLVD
URANIUM, 235 TOTAL
URANIUM, 238 TOTALURANIUM, NATURAL, DISSOLVED
URANIUM, NATURAL, TOTAL
URANIUM, NATURAL, TOTAL (IN PCI/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 ORGANIC COMPOUND (VOC)
VOLATILE ORGANICS DETECTED
XANTHATES
XC POLYMER IN DRILLING FLUIDS
XYLENE
XYLENE, PARA-TOTAL
ZINC
ZINC IN BOTTOM DEPOSITS (DRY WGT)
ZINC SLUDGE SOLID
ZINC SLUDGE TOTAL
ZINC TOTAL RECOVERABLE
ZINC, DISSOLVED (AS ZN)
ZINC, DRY WEIGHT
ZINC, PERCENT REMOVAL
ZINC, POTENTIALLY DISSOLVED
ZINC, TOTAL
ZINC, TOTAL (AS ZN)
ZIRAM, ORGANIC PESTICIDE
ZIRCONIUM, TOTAL

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

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