

State of California
State Water Resources Control Board

SAMPLING AND ANALYSIS REDUCTION CERTIFICATION

Submission of this Sampling and Analysis Reduction Certification (SARC) constitutes notification that the operator of the facility identified on this form satisfies the sampling and analysis reduction requirements in Section B.12.b. of the Industrial Activities Storm Water General Permit (General Permit) No. 97-03-DWQ. This SARC and supporting documentation must be submitted to the appropriate Regional Water Board office (see Attachment 4) prior to the wet season (October 1). After submitting this SARC, the facility operator is required to collect and analyze samples from two additional storm events in accordance with the schedule provided in Table C (page 34) of the General Permit. If this SARC is denied by the Regional Water Board, the facility operator must collect and analyze samples from two storm events during each wet season. Please print or type when completing this form and attach any required documents.

I. WDID NO. _____

II. FACILITY OPERATOR INFORMATION

Name _____ Contact Person _____

Mailing Address _____ Title _____

City _____ State _____ Zip _____ Phone _____

III. FACILITY SITE INFORMATION

Facility Name _____ Contact Person _____

Location _____ Title _____

City _____ CA _____ Zip _____ Phone _____

SIC Code(s) 1. _____ 2. _____ Type of Business _____

IV. DOCUMENT CHECKLIST

The following documents must be submitted with this form to be eligible for sampling and analysis reduction. Please check each item to verify that the documents are attached.

☐

1. Sampling Event Reporting Form (see Attachment 1)

☐

2. Copy of laboratory analytical results

- ☐ 3. Storm Water Pollution Prevention Plan and Monitoring Program Checklist (see Attachment 2) and written explanation for any questions answered "NO" or "N/A".
- ☐ 4. Copy of Facility's Storm Water Pollution Prevention Plan
- ☐ 5. Copy of Facility's Monitoring Program
- ☐ 6. Proof of group monitoring participation (only required if you are claiming group monitoring sampling credits)

V. CERTIFICATION

I certify that my facility qualifies for Sampling and Analysis Reduction in accordance with Section B.12.b. of the Industrial Activities Storm Water General Permit 97-03-DWQ. Additionally, I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering information, the information submitted, is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature

Title

Printed Name

Date

The SARC must be signed by, (a) For a Corporation: a responsible corporate officer (or authorized official), (b) For a Partnership or Sole Proprietorship: a general partner or proprietor, respectively, (c) For a Municipality, State, or other Non-Federal Public Agency: either a principal executive officer or ranking elected official, (d) For a Federal Agency: either the chief or senior executive officer of the agency.

FOR REGIONAL WATER BOARD USE ONLY:

☐ DENIED

☐ APPROVED

Printed Name

Signature

Date

☐ Retained at Regional Board Office

☐ Returned to Applicant

SAMPLING EVENT REPORTING FORM

Eligibility for sampling and analysis reduction requires that you report the analytical results from the last six (6) sampling events that samples were collected. Section A provides instructions and a recommended table to report these analytical results. If you participated in a group monitoring plan (GMP) and are substituting GMP credits for any of the sampling events, check this box ☐ and complete Section C.

A. Instructions to Report Sampling and Analysis Results

- 1) Use Table A or an equivalent table to provide your analytical results for each storm water discharge location where sampling was required. Make copies of Table A if your facility has multiple storm water discharge locations.
- 2) Fill out columns 1-6, including each sampling event date and the analytical results for each parameter. If you analyzed storm water samples for parameters other than those in the table, list each additional parameter, reporting units, and the analytical results. When a parameter is not detected, report as less than the detection limit.
- 3) Compute the average for each parameter and report the result in the “parameter average” column. The average is the sum of all values for a parameter, divided by the number of samples. If any of your results are reported as less than the detection limit, use one-half of the detection limit for your computation. (Example: If the laboratory reports oil and grease as <5 mg/l, use 2.5 mg/l in your computation of the average.)

TABLE A: SUMMARY OF ANALYTICAL RESULTS

Discharge Location:	Analytical Results						Parameter Average	Benchmark Value
	Sampling Event	1	2	3	4	5	6	
Analytical Parameters	Date							
pH (pH units)								6.0-9.0
Total Suspended Solids (mg/l)								100
Specific Conductance (umho/cm)								200
Oil & Grease (mg/l)								15
Total Organic Carbon (mg/l)								110
Other Parameters:								

B. Instructions For Applying Benchmarks to Analytical Results

Parameter Benchmark Values (PBVs) are listed in Table A and Table B (see attachment 3). Analytical results above the PBVs may indicate that the facility’s SWPPP is not fully effective in reducing or preventing pollutants in storm water discharges. Your analytical results as well as all other information submitted with this SARC will be reviewed by the Regional Water Board when determining compliance with the SARC eligibility requirements.

PBVs are not numeric effluent limitations and do not supercede effluent limitations guidelines established in Federal Regulations (40 CFR Subchapter N) for storm water discharges from ten (10) categories of facilities listed on Attachment 1, item 1, of the General Permit. If your facility is in one

of these categories and any of the analytical results reported in Table A exceed the applicable numeric effluent limitations guidelines, contact your Regional Water Board for additional SARC eligibility guidance.

For each parameter average reported in Table A exceeding the corresponding PBV, attach an explanation that satisfies one of the following conditions:

1. There are no facility pollutant sources related to the parameter, or
2. BMPs that address the facility pollutant sources related to the parameter are being fully implemented and represent compliance with Best Available Technology Economically Achievable and Best Conventional Pollutant Technology requirements of the General Permit.

C. Group Monitoring Plan (GMP) Sampling Credits Instructions

(Complete if you are substituting one (1) or more sampling events with GMP credits)

Section B.15.k of the General Permit allows the substitution of up to four (4) of the six (6) required sampling events with credit earned through participation in approved GMPs. At a minimum you may substitute one (1) GMP credit for each year of GMP participation. You may substitute two (2) GMP credits for each year that the group collected more than 75% of the required samples. Proof of group participants and, if applicable, proof that the group collected more than 75% of the required samples must be attached. You do not earn GMP credits in years where you collected and analyzed samples (those results must be reported in Table A).

In the GMP Credit Worksheet below, indicate the number of GMP credits earned for each year of GMP participation, provide your total GMP credits, and calculate your total sampling event credits.

GMP CREDIT WORKSHEET

Group Monitoring
Plan Name _____

Group Leader
Name _____

Year of GMP Participation	1992-93	1993-94	1994-95	1995-96	1996-97	Total GMP Credits
GMP Credits	☐ 1 ☐ 2	☐ 1 ☐ 2	☐ 1 ☐ 2	☐ 1 ☐ 2	☐ 1 ☐ 2	

☐ # of sampling events reported in Table A (minimum of two (2) must be reported) + ☐ Total GMP credits (from right hand column above)

= ☐ **TOTAL SAMPLING EVENT CREDITS**
(must add to six (6) or more to be eligible)

STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND MONITORING PROGRAM (MP) CHECKLIST

In order to evaluate your SARC request, the following items must be addressed. Include the page number of your SWPPP and MP where such information is located. If the SWPPP and/or MP is incomplete your SARC may not be approved. When an item is not applicable you can write "N/A" in the check box. For items answered "NO" or "N/A", attach an explanation.

A. Storm Water Pollution Prevention Plan**The SWPPP contains:**

1. ☐ A current identification of the pollution prevention team or individual(s) responsible for implementation of the SWPPP [See Section A.3.a of the General Permit.....Page(s)_____
2. ☐ A current reference to existing elements of other applicable regulatory requirements [See Section A.3.b].....Page(s)_____
3. ☐ A current site map that addresses all applicable items of Section A.4.....Page(s)_____
4. ☐ A current list of significant materials [See Section A.5].....Page(s)_____
5. ☐ A current description of potential pollutant sources [See Section A.6].....Page(s)_____
6. ☐ A current description of spills and leaks in significant quantities since April 17, 1994 [See Section A.6.iv].....Page(s)_____
7. ☐ A current description of all non-storm water discharges [See Section A.6.v.].....Page(s)_____
8. ☐ A current assessment of potential pollutant sources [See Section A.7].....Page(s)_____
9. ☐ A current narrative description of the storm water Best Management Practices (BMP) [See Section A.8.].....Page(s)_____
10. ☐ A current table summarizing all potential pollutant sources and corresponding BMPs [See Section A.6.b].....Page(s)_____
11. ☐ A current description of the employee training and a schedule for training sessions [See Section A.8.a.v].....Page(s)_____
12. ☐ A current description of record keeping and internal reporting procedures [See Section A.8.a.vii.].....Page(s)_____
13. ☐ A current schedule to periodically inspect all potential pollutant sources [See Section A.8.a.ix.].....Page(s)_____
14. ☐ Current quality assurance procedures [See Section A.8.a.x].....Page(s)_____

Can you certify that:**YES****NO**

- | | | |
|--|--------------------------|--------------------------|
| 15. The SWPPP is specific to your facility? | ☐ | ☐ |
| 16. All non-storm water discharges are identified? [See Section A.6.v.] | ☐ | ☐ |
| 17. All unauthorized non-storm water discharges were eliminated prior to the last two reporting periods? [See Section A.6.v.] | ☐ | ☐ |
| 18. Complete Annual Reports were submitted to the Regional Water Quality Control Board for the last two reporting periods? [See Section B.14.] | ☐ | ☐ |
| 19. An Annual Site Inspection/Comprehensive Site Compliance Evaluation was performed for each of the last two reporting periods? [See Section A.9] | ☐ | ☐ |
| 20. The facility was in compliance with the permit requirements for the last two reporting periods? | ☐ | ☐ |

B. Monitoring and Reporting Program (MP)

The MP contains:

21. ☐ A current procedure to visually observe all non-storm water discharges [See Section B.3].....Page(s)_____
22. ☐ A current procedure to conduct quarterly visual observation for the presence of unauthorized non-storm water discharge [See Section B.3.a. and B.3.b.]Page(s)_____
23. ☐ A current procedure for conducting monthly visual observations of all storm water discharges [See Section B.4].....Page(s)_____
24. ☐ A current description of sampling and handling procedures [See Section B.10.].....Page(s)_____

Can you certify that:

- | | YES | NO |
|--|--------------------------|--------------------------|
| 25. The MP is specific to your facility? | ☐ | ☐ |
| 26. You inspected the facility for non-storm water discharges in the last two reporting periods? | ☐ | ☐ |
| 27. Samples were collected from all storm water discharge locations required to be sampled for the last two reporting periods? | ☐ | ☐ |

TABLE B
U.S. EPA Multi-Sector Permit

Parameter Benchmark Values¹²

Parameter Name	Benchmark Value
Biochemical Oxygen Demand(5).....	30 mg/L
Chemical Oxygen Demand.....	120 mg/L
Total Suspended Solids.....	100 mg/L
Oil and Grease.....	15 mg/L
Nitrate + Nitrite Nitrogen.....	0.68 mg/L
Total Phosphorus.....	2.0 mg/L
pH.....	6.0-9.0 s.u.
Acrylonitrile (c).....	7.55 mg/L
Aluminum, Total (pH 6.5-9).....	0.75 mg/L
Ammonia.....	19 mg/L
Antimony, Total.....	0.636 mg/L
Arsenic, Total (c).....	0.16854 mg/L
Benzene.....	0.01 mg/L
Beryllium, Total (c).....	0.13 mg/L
Butylbenzyl Phthalate.....	3 mg/L
Cadium, Total (H).....	0.0159 mg/L
Chloride.....	860 mg/L
Copper, Total (H).....	0.0636 mg/L
Dimethyl Phthalate.....	1.0 mg/L
Ethylbenzene.....	3.1 mg/L
Fluoranthene.....	0.042 mg/L
Fluoride.....	1.8 mg/L
Iron, Total.....	1.0 mg/L
Lead, Total (H).....	0.0816 mg/L
Manganese.....	1.0 mg/L
Mercury, Total.....	0.0024 mg/L
Nickel, Total (H).....	1.417 mg/L
PCB-1016 (c).....	0.000127 mg/L
PCB-1221 (c).....	0.10 mg/L
PCB-1232 (c).....	0.000318 mg/L
PCB-1242 (c).....	0.00020 mg/L
PCB-1248 (c).....	0.002544 mg/L
PCB-1254 (c).....	0.10 mg/L
PCB-1260 (c).....	0.000477 mg/L
Phenols, Total.....	1.0 mg/L
Pyrene (PAH,c).....	0.01 mg/L
Selenium, Total (*).....	0.2385 mg/L
Silver, Total (H).....	0.0318 mg/L
Toluene.....	10.0 mg/L
Trichloroethylene (c).....	0.0027 mg/L
Zinc, Total (H).....	0.117 mg/L

¹ If storm water samples have been analyzed for parameters without Parameter Benchmark Values, contact your Regional Water Board.

² Regional Water Boards may adopt Parameter Benchmark Values that are different than those listed in this Table.

**STATE AND REGIONAL BOARD
CONTACT LIST**

AVAILABLE AT:

<http://www.swrcb.ca.gov/html/stormwtr.html>
under Contacts.