

**California Regional Water Quality Control Board  
San Diego Region**

**DRAFT UPDATES & ERRATA**

**to the**

**March 21, 2011 PUBLIC RELEASE DRAFT**

**of the**

**WASTE DISCHARGE REQUIREMENTS FOR SEAWORLD PARKS  
& ENTERTAINMENT, INC. A DELAWARE CORPORATION,  
SEAWORLD LLC DBA SEAWORLD SAN DIEGO**

**Tentative Order No. R9-2011-0032  
NPDES NO. CA0107336**

***ERRATA & UPDATES AS OF  
May 4, 2011***

This document represents tentative updates and errata to the March 21, 2011, release of Tentative Order No. R9-2011-0032 as of May 4, 2011. The errata represent minor clarifications and reference mistakes identified by Staff and/or in the response to comments on the public release of Tentative Order. The updates include changes made as a result of oral and written comments received on the March 21, 2011, public release of the Tentative Order.

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**Permit Errata**

1. **Attachment E: Section V, Table E-4, Page E-6:** Footnote 1 has been removed.
2. **Attachment E: Section V** – replace the word “permittee” with “Discharger”
3. **Attachment F: Section VI.D, Page F-47:** A typo following the word “Mission” has been corrected.

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**Permit Updates**

**4. Section I. Facility Information, Page 5**

The Facility Contact has been updated as follows:

~~Kevin Carr, Environmental Director, (619) 226-3934~~

**Buddy Burton, Environmental Health and Safety Director, 619-226-3966**

**5. Section VI.C.3.b of the Order:**

**Storm Water Pollution Prevention Plan (SWPPP).** Order No. R9-2005-0091 required the Discharger to develop and implement a SWPPP **as specified in Attachment G of this Order.**

**6. Attachment E, Monitoring and Reporting, Section I.A, Page E-2**

Fourth sentence will be modified as follows:

~~Samples shall be collected at times representative of “worst case” conditions with respect to compliance with the requirement of this Order.~~ **Samples shall be collected at random intervals that are representative of the typical operating capacity of the facility.**

**7. Attachment E, Page E-4**

Table E-3 will be modified as follows:

Parameter	Units	Sample Type	Minimum Sampling Frequency	Required Analytical Test Method and
Copper, Total Recoverable	µg/L	<del>24-hour composite</del> <b><u>Grab</u></b>	Quarterly	1,2

**8. Attachment E, Monitoring and Reporting, Section IV.A.1, Page E-5**

Table E-3 will be modified as follows:

**Table E-3 Effluent Monitoring at EFF-001 and EFF-002**

Parameter	Units	Sample Type	Minimum Sampling Frequency	Required Analytical Test Method
Copper, Total Recoverable	µg/L	24 hr. composite	<del>Monthly</del>	
	lbs/day <sup>2</sup>	Calculated <sup>2</sup>	<b><u>Quarterly</u></b>	
<b><u>Chronic Toxicity</u></b>	<b><u>Pass/Fail</u></b>	<b><u>24-hour composite</u></b>	<b><u>Annual</u></b>	<b><u>1</u></b>

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**9. Attachment E, Monitoring and Reporting, Section V, Page E-6**

The Discharger shall conduct annual chronic toxicity testing on effluent samples collected at Effluent Monitoring Station EFF-001 and EFF-002 in accordance with the schedule and requirements in Table ~~E-3 above~~ E-4:

~~Table E-4. Whole Effluent Toxicity Testing EFF-001 and EFF-002~~

Parameter	Units	Sample Type	Minimum Sampling Frequency
Chronic Toxicity	Pass/Fail	24-hour composite	Annually

<sup>†</sup>Chronic toxicity results are due 180 days prior to the expiration date of the permit.

**10. Attachment E, Monitoring and Reporting, Section V.A.1, Page E-6**

The Discharger shall conduct annual chronic toxicity tests on 24-hour composite effluent samples. Once each calendar year, at a different time of year from the previous years, the ~~permittee~~ **Discharger** must split a 24-hour composite effluent sample and concurrently conduct three toxicity tests using a fish, an invertebrate, and an alga species; ~~the permittee must continue to conduct routine annual toxicity testing using the single, most sensitive species.~~

**11. Attachment E, Monitoring and Reporting, Section IX.B.2, Page E-11**

The Discharger shall conduct visual observations of all storm water discharges to Mission Bay from the storm water by-pass discharge locations **during storm events occurring during normal business hours.**

**12. Attachment F, Fact Sheet, Page F-46**

**Table F-16 Monitoring of East and West Intakes at INF-001 and INF-002**

Parameter	Units	Sample Type	Minimum Sampling Frequency
Copper, Total Recoverable	µg/L	24-hour composite <b>Grab</b>	Quarterly <sup>1</sup>

**Table F-17. Effluent Monitoring Requirements for Discharge Nos. 001 and 002.**

Parameter	Units	Sample Type	Minimum Sampling Frequency
Flow	MGD	Continuous	Continuous
pH	Units	Grab/Continuous	Weekly
Residual Chlorine	µg/L	Grab/Continuous	Weekly
Fecal Coliform	MPN/100 mL	Grab	Weekly
Total Coliform	MPN/100 mL	Grab	Weekly
Enterococcus	CFU/100 mL	Grab	Weekly

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<b>Parameter</b>	<b>Units</b>	<b>Sample Type</b>	<b>Minimum Sampling Frequency</b>
Temperature	°C	Grab/Continuous	Monthly
Copper, Total Recoverable	µg/L	24-hour composite	Quarterly <sup>1</sup>
Suspended Solids	mg/L	24-hour composite	Quarterly
Settleable Solids	ml/L	Grab	Quarterly
Oil and Grease	mg/L	Grab	Semi-annual
Ammonia	mg/L	24-hour composite	Semi-annual
Silver, Total Recoverable	µg/L	24-hour composite	Semi-annual
Turbidity	NTU	24-hour composite	Semi-annual
<b><u>Chronic Toxicity</u></b>	<b><u>Pass/Fail</u></b>	<b><u>24-hour composite</u></b>	<b><u>Annual</u></b>
Priority Pollutants <sup>2</sup>	µg/L	24-hour composite	Once in 5 years <sup>2</sup>

**13. Attachment G has been added.**

## **ATTACHMENT G**

### **STORM WATER POLLUTION PREVENTION PLAN REQUIREMENTS**

#### **1. Implementation Schedule**

A storm water pollution prevention plan (SWPPP) shall be developed and implemented for storm water discharges from SeaWorld San Diego.

The Discharger shall continue to implement its existing SWPPP. The discharger shall implement any necessary revisions to its SWPPP to comply with the requirements herein no later than.

#### **2. Objectives**

- a. The discharger's SWPPP shall be prepared to achieve these objectives:
  - i. To identify and evaluate sources of pollutants associated with activities that may affect the quality of facility's storm water discharges and authorized non-storm water discharges;
  - ii. To identify, describe and implement site-specific Best Management Practices (BMP) to reduce or prevent pollutants associated with activities in storm water discharges and authorized non-storm water discharges;
  - iii. To identify and implement timely revisions and/or updates to the SWPPP.
- b. To achieve the SWPPP objectives, the discharger shall prepare written facility specific SWPPP in accordance with all applicable SWPPP requirements of this Section. The SWPPP shall include all required maps, descriptions, schedules, checklists, and relevant copies or specific references to other documents that satisfy the requirements of this Section.

#### **3. Planning and Organization**

##### **a. SWPPP Checklist**

Upon completing the facility's SWPPP, the discharger shall prepare the SWPPP Checklist (Item A-1) located at the end of this section. For each requirement listed, the discharger shall identify the page number where the requirement is located in the SWPPP (or the title, page number, and location of any reference documents), the implementation date or last revision date, and any SWPPP requirements that may not be applicable to the facility.

##### **b. Pollution Prevention Team**

- i. The SWPPP shall identify specific individuals and their positions within the facility organization as members of a storm water pollution prevention team responsible for developing the SWPPP, assisting the facility manager in SWPPP implementation and revision, and conducting all storm water

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monitoring program activities required of this Order.

- ii. The SWPPP shall clearly identify the responsibilities, duties, and activities of each team member.
  - iii. The SWPPP shall identify, as appropriate, alternate individuals to perform the required SWPPP and monitoring program activities when team members are temporarily unavailable (due to vacation, illness, out of town meetings, etc.)
- c. Review Other Requirements and Existing Facility Plans
- i. The SWPPP shall be developed, implemented, and revised as necessary to be consistent with any applicable municipal, State, and Federal requirements that pertain to the requirements of this Order. For example, a municipal storm water management agency may require specific BMP implementation activities.
  - ii. The SWPPP may incorporate or reference the elements of the discharger's existing plans, procedures, or regulatory compliance documents that contain storm water pollution control practices or otherwise relate to the requirements of this Order. For example, facilities subject to Federal Spill Prevention Control and Countermeasures' requirements should already have instituted a plan to control spills of certain hazardous materials, or facilities subject to regional air quality emission controls may already have evaluated activities that emit dust or particulate pollutants.

4. Site Map

The SWPPP shall include a site map. The site map shall be provided on an 8-1/2 x 11 inch or larger sheet and include notes, legends, north arrow and other data as appropriate to ensure that the site map is clear and understandable. If necessary, the discharger may provide the required information on multiple site maps. The following information shall be included on the site map:

- a. Outlines of the facility boundary, storm water drainage areas within the facility boundary, and portions of any drainage area impacted by discharges from surrounding areas. Include the flow direction of each drainage area; on-site surface water bodies; areas of soil erosion; and location(s) of near-by water bodies (such as rivers, lakes, wetlands, etc.) or municipal storm drain inlets that may receive the facility's storm water discharges and authorized non-storm water discharges.
- b. The location of the storm water collection and conveyance system, associated points of discharge, and direction of flow. Include any structural control measures that affect storm water discharges, authorized non-storm water discharges, and run-on. Examples of structural control measures are catch basins, berms, detention ponds, secondary containment, oil/water separators, diversion barriers, etc.

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- c. An outline of all impervious areas of the facility, including paved areas, buildings, covered storage areas, or other roofed structures.
- d. Locations where materials are directly exposed to precipitation and the locations where significant spills or leaks identified in Description of Potential Pollutant Sources, Section A.6.a.iv, below, have occurred.
- e. Areas of industrial activity. Identify all storage areas and storage tanks, shipping and receiving areas, fueling areas, vehicle and equipment storage/maintenance areas, material handling and processing areas, waste treatment and disposal areas, dust or particulate generating areas, cleaning and reusing areas, and other of industrial activity which may have potential pollutant sources.

5. List of Significant Materials

The SWPPP shall include a list of significant materials handled and stored at the site. For each material on the list, describe the locations where the material is stored, received, shipped, and handled, as well as the typical quantities and frequency. Materials shall include raw materials, intermediate products, final or finished products, recycled materials, and waste or disposed materials.

6. Description of Potential Pollutant Sources

- a. For each area identified in Section A.4.e., the SWPPP shall include a narrative description of the facility's industrial activities, potential pollutant sources, and potential pollutants that could be exposed to storm water or authorized non-storm water discharges. At a minimum, the following industrial activities shall be described as applicable:

- i. Industrial Processes

- Describe each industrial process including the manufacturing, cleaning, maintenance, recycling, disposal or other activities related to the process. Include the type, characteristics, and approximate quantity of significant materials used in corresponding containment capacity shall be identified and described.

- ii. Material Handling and Storage Areas

- Describe each handling and storage area, including the type, characteristics, and quantity of significant materials handled or stored, description of the shipping, receiving, and loading procedures, and the spill or leak prevention and response procedures. Areas protected by containment structure and the corresponding containment capacity shall be identified and described.

- iii. Dust and Particulate Generating Activities

- Describe all industrial activities that generate dust or particulate pollutants that may be deposited within the facility's boundaries. Include their discharge locations and the type, characteristics, and quantity of dust and particulate pollutants that may be deposited within the facility's boundaries. Identify the

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primary areas of the facility where dust and particulate pollutants would settle.

iv. Significant Spills and Leaks

Identify and describe materials that spill or leak in significant quantities in storm water discharges or non-storm water discharges upon adoption of this Order. Include toxic chemicals (listed in 40 CFR, Part 302) that have been discharged to storm water as reported on U.S. Environmental Protection Agency (U.S. EPA) Form R, and oil and hazardous substances in excess of reportable quantities (see 40 Code of Federal Regulations [CFR], Parts 110, 117, and 302). The description shall include the location, characteristics, and approximate quantity of the materials spilled or leaked, the cleanup or remedial actions that have occurred or are planned, the approximate remaining quantity of materials that may be exposed to storm water or non-storm water discharges; and the preventative measures taken to ensure spills or leaks of the material do not reoccur.

v. Non-Storm Water Discharges

- (1) Dischargers shall inspect the facility to identify all non-storm water discharges, sources, and drainage areas. All drains (inlets and outlets) shall be evaluated to identify whether they connect to the storm drain system.
- (2) All non-storm water discharges shall be described. The description shall include the source, quantity, frequency, and characteristics of the non-storm water discharges and associated drainage area and shall identify whether the discharge is an authorized or unauthorized non-storm water discharge in accordance with Subsection 11. Examples of unauthorized non-storm water discharges are rinse and wash water (whether detergents are used or not), contact and non-contact cooling water, boiler blow-down, etc.

vi. Soil Erosion

Describe the facility locations where soil erosion may occur as a result of industrial activity, storm water discharges associated with industrial activity, or authorized non-storm water discharges.

7. Assessment of Potential Pollutant Sources

- a. The SWPPP shall include a narrative assessment of all areas of industrial activity and potential pollutant sources as described in A.6. above. To determine the likelihood that significant materials will be exposed to storm water or authorized non-storm water discharges, the assessment shall include consideration of the quantity, characteristics, and locations of each significant material handled, produced, stored, recycled, or disposed; the direct and indirect pathways that significant materials may be exposed to storm water or authorized non-storm water discharges; history of spills or leaks; non-storm water discharges; prior sampling, visual observation, and inspection records; discharges from adjoining areas; and the effectiveness of existing BMP to reduce or prevent pollutants in

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storm water discharges and authorized non-storm water discharges.

- b. Based upon the assessment above, the SWPPP shall identify any areas of industrial activity and corresponding pollutant sources where significant materials are likely to be exposed to storm water or authorized non-storm water discharges and where additional BMP are necessary to reduce or prevent pollutants in storm water discharges and authorized non-storm water discharges.

8. Storm Water Best Management Practices

- a. The SWPPP shall include a narrative description of BMP implemented at the facility. The BMP, when developed and implemented, shall be effective in reducing or preventing pollutants in storm water discharges and authorized non-storm water discharges. The BMP narrative description shall include:
  - i. The type of pollutants the BMP are designed to reduce or prevent.
  - ii. The frequency, time(s) of day, or conditions when the BMP are scheduled for implementation.
  - iii. The locations within each area of industrial activity or pollutant source where the BMP shall be implemented.
  - iv. Identification of the person and/or position responsible for implementing the BMP.
  - v. The procedures, including maintenance procedures, and/or instructions to implement the BMP.
  - vi. The equipment and tools necessary to implement the BMP.
- b. The discharger shall consider non-structural BMP for implementation at the facility. Non-structural BMP generally consist of processes, prohibitions, procedures, training, schedule of activities, etc., that prevent pollutants associated with industrial activity from contacting with storm water discharges and authorized non-storm water discharges. Below is a list of non-structural BMP that shall be considered:
  - i. Good Housekeeping  

Good housekeeping generally consists of practical procedures to maintain a clean and orderly facility.
  - ii. Preventative Maintenance  

Preventative maintenance includes the regular inspection and maintenance of storm water structural controls (i.e. catch basins, oil/water separators, etc.) as well as other facility equipment and systems.
  - iii. Spill Response

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This includes spill clean-up procedures and necessary clean-up equipment based upon the quantities and locations of significant materials that may spill or leak.

iv. Material Handling and Storage

This includes all procedures to minimize the potential for spills and leaks and to minimize exposure of significant materials to storm water and authorized non-storm water discharges.

v. Employee Training Program

This includes the development of a program to train personnel responsible for implementing the various compliance activities of this Order including BMP implementation, inspections and evaluations, monitoring activities, and storm water compliance management. The training program shall include:

- (1) A description of the training program and any training manuals or training materials.
- (2) A discussion of the appropriate training frequency.
- (3) A discussion of the appropriate personnel to receive training.
- (4) A training schedule.
- (5) Documentation of all completed training classes and the personnel who received training.

vi. Waste Handling/Recycling

This includes the procedures or processes to handle, store, or dispose of waste or recyclable materials.

vii. Record Keeping and Internal Reporting

This includes the procedures to ensure that all records of inspections, spills, maintenance activities, corrective actions, visual observations, etc., are developed, retained, and provided, as necessary to the appropriate facility personnel.

viii. Erosion Control and Site Stabilization

This includes a description of all sediment and erosion control activities. This may include the planting and maintenance of vegetation, diversion of run-on and runoff, placement of sandbags, silt screens, or other sediment control devices, etc.

ix. Inspections

Periodic visual inspections of a facility are necessary to ensure that the

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SWPPP addresses any significant changes to the facility's operations or BMP implementation procedures.

- (1) A minimum of four quarterly visual inspections of all storm water drainage areas and associated potential pollutant sources shall be completed each reporting year. The annual comprehensive site compliance evaluation described in subsection 9 may substitute for one of the quarterly inspections.
- (2) Tracking and follow-up procedures shall be described to ensure appropriate corrective actions and/or SWPPP revisions are implemented.
- (3) A summary of the corrective actions and SWPPP revisions resulting from quarterly inspections shall be reported in the annual report.
- (4) Dischargers shall certify in the annual report that each quarterly visual inspection was completed.
- (5) All corrective actions and SWPPP revisions shall be implemented in accordance with subsection 10.d. and e.

x. Quality Assurance

This includes the management procedures to ensure that the appropriate staff adequately implements all elements of the SWPPP and Monitoring Program.

c. Structural BMP

Where non-structural BMP identified in Section A.8.b. above are not effective, structural BMP shall be considered. Structural BMP typically consist of structural devices that reduce or prevent pollutants in storm water discharges and authorized non-storm water discharges. Below is a list of structural BMP that shall be considered:

i. Overhead Coverage

This includes structures that protect materials, chemicals, and pollutant sources from contact with storm water and authorized non-storm water discharges.

ii. Retention Ponds

This includes basins, ponds, surface impoundment, bermed areas, etc. that do not allow storm water to discharge from the facility.

iii. Control Devices

This includes berms or other devices that channel or route run-on and runoff away from pollutant sources.

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iv. Secondary Containment Structures

This includes containment structures around storage tanks and other areas that collect any leaks or spills.

v. Treatment

This includes inlet controls, infiltration devices, oil/water separators, detention ponds, vegetative swales, etc., which reduce the pollutants in storm water discharges and authorized non-storm water discharges.

- d. The SWPPP shall include a summary identifying each area of industrial activity and associated pollutant sources, pollutants, and BMP in a table similar to Item A-3 at the end of this section.

9. Annual Comprehensive Site Compliance Evaluation

The discharger shall conduct one comprehensive site compliance evaluation (evaluation) in each reporting period (July 1-June 30). Evaluations shall be conducted no less than eight months from each other. The SWPPP shall be revised, as appropriate, and the revisions implemented within 90 days of the evaluation. Evaluations shall include the following:

- a. A review of all visual observation records, inspection records, and sampling and analysis results.
- b. A visual inspection of all areas of industrial activity and associated potential pollutant sources for evidence of, or the potential for, pollutants entering the drainage system. A visual inspection of equipment needed to implement the SWPPP.
- c. A review and evaluation of all BMP, both structural and non-structural, for each area of industrial activity and associated potential pollutant sources to determine whether the BMP are properly designed, implemented, and are effective in reducing and preventing pollutants in storm water discharges and authorized non-storm water discharges.
- d. An evaluation report that includes:
- i. Identification of personnel performing the evaluation,
  - ii. Date(s) of the evaluation,
  - iii. Summary and implementation dates of all significant corrective actions and SWPPP revisions for the reporting year,
  - iv. Schedule for implementing any incomplete corrective actions and SWPPP revisions,
  - v. Any incidents of non-compliance and the corrective actions taken, and

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- vi. A certification that the discharger has completed the quarterly inspections specified in Storm Water Best Management Practices, Subsection 8.b.ix, above and that the discharger is complying with this Order. If the above certification cannot be provided, explain in the evaluation report why the discharger is not complying with this Order.
- vii. The evaluation report shall be submitted as part of the annual report, retained for at least five years, and signed and certified in accordance with Reporting Requirement F.8 of this Order.

10. SWPPP General Requirements

- a. The SWPPP shall be retained at the facility and made available upon request of a representative of the Regional Water Board, USEPA, or local storm water management agency (local agency).
- b. Upon notification by the Regional Board and/or local agency that the SWPPP does not meet one or more of the minimum requirements of this Section, the discharger shall revise the SWPPP and implement additional BMP that are effective in reducing and eliminating pollutants in storm water discharges and authorized non-storm water discharges. As requested, the discharger shall provide an implementation schedule and/or completion certification to the Regional Board and/or local agency.
- c. The SWPPP shall be revised, as appropriate, and implemented prior to changes in activities, which;
  - i. May significantly increase the quantities of pollutants in storm water discharge; or
  - ii. Cause a new area of industrial activity at the facility to be exposed to storm water; or
  - iii. Begin an industrial activity that would introduce a new pollutant source at the facility.
- d. The discharger shall revise the SWPPP and implement the appropriate BMP in a timely manner and in no case more than 90 days after a discharger determines that the SWPPP is in violation of any Order requirement.
- e. When any part of the SWPPP is infeasible to implement by the deadlines specified above due to proposed significant structural changes, the discharger shall:
  - i. Submit a report to the Regional Board that:
    - (1) Identifies the portion of the SWPPP that is infeasible to implement by the deadline;
    - (2) Provides justification for a time extension, provides a schedule for completing and implementing that portion of the SWPPP; and (3)

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Describes the BMP that will be implemented in the interim period to reduce or prevent pollutants in storm water discharges and authorized nonstorm water discharges.

- ii. Comply with any request by the Regional Board to modify the report required in Subsection i. above, or provide certification that the SWPPP revisions have been implemented.
- f. The SWPPP shall be provided, upon request, to the Regional Board, USEPA, local storm water management agency, or Compliance Inspection Designees. The Regional Board under Section 308(b) of the Clean Water Act considers the SWPPP a report that shall be available to the public.

11. Authorized Non-Storm Water Discharges Special Requirements

- a. The following non-storm water discharges are authorized provided they satisfy the conditions of Subsection b., below:
  - i. Fire-hydrant flushing;
  - ii. Potable water sources, including potable water related to the operation, maintenance, or testing of potable water systems;
  - iii. Drinking fountain water; atmospheric condensate, including refrigeration, air conditioning, and compressor condensate;
  - iv. Irrigation drainage and landscape watering;
  - v. Natural springs, ground water, and foundation and footing drainage; and
  - vi. Seawater infiltration where the seawater is discharged back into the sea water source.
- b. The non-storm water discharges identified in subsection a., above, are authorized by this Order if all the following conditions are satisfied:
  - i. The non-storm water discharges comply this Order.
  - ii. The non-storm water discharges comply with local agency ordinances and requirements.
  - iii. BMP are specifically included in the SWPPP to: (1) prevent or reduce the contact of non-storm water discharges with significant materials or equipment, and (2) minimize, to the extent practicable, the flow or volume of non-storm water discharges.
  - iv. The non-storm water discharges do not contain significant quantities of pollutants.
  - v. The monitoring program includes quarterly visual observations of non-storm water discharges and sources to ensure adequate BMP implementation and

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effectiveness.

- vi. The non-storm water discharges are reported and described in the annual report.
- c. This Regional Board or local storm water management agency may establish additional monitoring and reporting requirements for any non-storm water discharge authorized by this Order.
- d. Discharges from fire fighting activities are authorized by this Order and are not subject to the conditions of Subsection 11.b.

**DEFINITIONS**

1. Best Management Practices (BMP) means schedules of activities, prohibitions of practices, maintenance procedures, and other management practices to prevent or reduce the pollution of waters of the United States. The BMP also include treatment measures, operating procedures, and practices to control facility site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw material storage. The BMP may include any type of pollution prevention and pollution control measure necessary to achieve compliance with this Order.
2. Clean Water Act (CWA) means the Federal Water Pollution Control Act enacted by Public Law 92-500 as amended by Public Laws 95-217, 95-576, 96-483, and 97-117; 33 USC. 1251 et seq.
3. Facility is a collection of industrial processes discharging storm water associated with industrial activity within the property boundary or operational unit.
4. Non-Storm Water Discharge means any discharge to storm sewer systems that is not composed entirely of storm water.
5. Significant Materials includes, but is not limited to: raw materials; fuels; materials such as solvents, detergents, and plastic pellets; finished materials such as metallic products; raw materials used in food processing or production; hazardous substances designated under Section 101(14) of Comprehensive Environmental Response, Compensation, and Liability Act (CERLCA); any chemical the facility is required to report pursuant to Section 313 of Title III of Superfund Amendments and Reauthorization Act (SARA); fertilizers; pesticides; and waste products such as ashes, slag, and sludge that have the potential to be released with storm water discharges.
6. Significant Quantities is the volume, concentrations, or mass of a pollutant that can cause or threaten to cause pollution, contamination, or nuisance; adversely impact human health or the environment; and/or cause or contribute to a violation of any applicable water quality standards for the receiving water.
7. Significant Spills includes, but is not limited to: releases of oil or hazardous substances in excess of reportable quantities under Section 311 of the CWA (see 40 CFR 110.10 and 117.21) or Section 102 of CERCLA (see 40 CFR 302.4).

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8. Storm water means storm water runoff, snowmelt runoff, and storm water surface runoff and drainage. It excludes infiltration and runoff from agricultural land.
  
9. Storm water discharge associated with industrial activity means the discharge from any conveyance that is used for collecting and conveying storm water and that is directly related to manufacturing, processing or raw materials storage areas at an industrial plant. The term does not include discharges from facilities or activities excluded from the NPDES program under 40 CFR Part 122. For the facilities identified in the Fact Sheet of this Order, the term includes, but is not limited to, storm water discharges from industrial plant yards; immediate access roads and rail lines used or traveled by carriers of raw materials, manufactured products, waste material, or by-products used or created by the facility; material handling sites; refuse sites; sites used for the application or disposal of process waste waters; sites used for residual treatment, storage areas (including tank farms) for raw materials, and intermediate and final products; and areas where industrial activity has taken place in the past and significant materials remain and are exposed to storm water. For the purposes of this paragraph, material handling activities include storage, loading and unloading, transportation, or conveyance of any raw material, intermediate product, final product, by-product or waste product. The term excludes areas located on plant lands separate from the plant's industrial activities, such as office buildings and accompanying parking lots as long as the drainage from the excluded areas is not mixed with storm water drained from the above described areas. Industrial facilities (including industrial facilities that are federally, State, or municipally owned or operated that meet the description of the facilities referenced in this paragraph) include those facilities designated under 40 CFR 122.26(a)(1)(v).

**ACRONYM LIST**

BAT	Best Available Technology Economically Achievable
BCT	Best Conventional Pollutant Control Technology
BMP	Best Management Practices
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (Federal Superfund)
CFR	Code of Federal Regulations
CWA	Clean Water Act
Order	General Industrial Activities Storm Water Permit
GMP	Group Monitoring Plan
NEC	No Exposure Certification
NOI	Notice of Intent
NOT	Notice of Termination
NPDES	National Pollutant Discharge Elimination System
O&G	Oil and Grease
RCRA	Resource, Conservation, and Recovery Act
Regional Board	Regional Water Quality Control Board
RQ	Reportable Quantity
SARA	Superfund Amendments and Reauthorization Act of 1986
SIC	Standard Industrial Classification
SMCRA	Surface Mining Control and Reclamation Act
SPCC	Spill Prevention Control and Countermeasures
State Board	State Water Resources Control Board

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SWPPP	Storm Water Pollution Prevention Plan
TOC	Total Organic Carbon
TSS	Total Suspended Solids
U.S. EPA	U.S. Environmental Protection Agency
WDID	Waste Discharger Identification
WDR	Waste Discharge Requirement