MODEL STORM WATER POLLUTION PREVENTION PLAN FOR INDUSTRIAL ACTIVITIES

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STORM WATER POLLUTION PREVENTION PLAN for

Facility name

Address

Phone Number

Facility Owner

Facility Operator

Date Notice of Intent Filed

State Water Resources Board Permit Number

Waste Discharge Identification Number

	,				

TABLE OF CONTENTS

	Table	of Contents	i
Section 1	Introd	uction and Purpose	1-1
Section 2	Comp	liance Requirements and Certifications	2-1
	2.1	Compliance Certification Worksheet	2-3
Section 3	Gener	al Facility Information	3-1
	3.1	Facility Information/Pollution Prevention Team Members	3-2
Section 4	Site M	lap	4-1
Section 5	List of	f Significant Materials	5-1
	5.1	List of Significant Materials	5-2
Section 6	Poten	tial Storm Water Pollutants and Sources	6-1
	6.1 6.2 6.3	Industrial Process Material Handling and Storage Areas Dust and Particulate Generating Activities	6-3
	6.4	Significant Spills and Leaks	6-5
	6.5 6.6	Non-Storm Water Discharges	
	6.7	Other	
Section 7	Best I	Management Practices	7-1
	7.1 7.2	BMP's for Vehicle and Equipment Fueling (Liquid Fuels Only)	
	7.2	BMP's for Vehicle and Equipment Maintenance	
	7.4	BMP's for Loading and Unloading of Materials Which Can Pollute Storm Water (Liquids, Powders, Etc.)	
	7.5 7.6	BMP's for Outdoor Equipment and Material Storage AreasBMP's for Industrial Parking Lots, Access Roads, and Other	7-15
	7.7	Paved Areas BMP's for Painting	
	7.8	BMP's for Landscape Maintenance	
	7.9	BMP's for Erosion and Sedimentation	
	7.10	BMP's for Non-Storm Water Discharges	
	7.11	BMP's for Recordkeeping and Internal Reports	7-37
	7.12	Other BMP's	7-38

TABLE OF CONTENTS

Section 8	Summary of Pollutants, Sources, and BMP's		
	8.1 Summary of Pollutants, Sources, and Selected BMP's	8-2	
Section 9	Annual Comprehensive Site Evaluation	9-1	
Section 10	Definitions	10-1	
Appendix A	State Notice of Intent Form and Instructions		

In 1972, the Federal Water Pollution Control Act (also known as the Clean Water Act (CWA)) was amended to allow for the regulation of point source discharges. These sources were prohibited from discharging any pollutants without a National Pollutant Discharge Elimination System (NPDES) permit. The 1987 CWA amendments added Section 402(p) allowing for the regulation of municipal and industrial storm water discharges under the NPDES permit program. In response, the U.S. Environmental Protection Agency (EPA) promulgated storm water regulations on November 16, 1990. These regulations were published in Title 40 of the Code of Federal Regulations (CFR). The bulk of the municipal and industrial regulations are found in Title 40 Section 122 of the CFR (40 CFR 122).

The State of California has been delegated authority for the storm water program by the EPA. Responsibility for program administration has been given to the California Water Resources Control Board (State Board). In 1991, the Board issued the first general storm water permit specifying the requirements for industry discharges. Called the General Permit for Storm Water Discharges Associated with Industrial Activities (State General Permit), this permit was rescinded and a new permit, with the same name, was issued in 1997.

In an effort to assist industry in complying with the State General Permit, the City of Stockton Municipal Utilities Department (MUD) has prepared this Model Industrial Activities Storm Water Pollution Prevention Plan (Model SWPPP). The Model SWPPP is designed to minimize the amount of paperwork required for permit compliance, and provides an easy to follow format that can be adapted for use at any facility. Each section of the Model SWPPP provides a general explanation of the State's permit requirements. Where applicable, the State's General Permit Section is referenced. Italicized instructions for completing the Model SWPPP are provided on the explanation page.

Industries may qualify for an exemption from the requirements of the storm water regulations. Federal regulations (40 CFR 122.26 (g)) allow industries without precipitation or runoff exposure to materials or processes to receive a "no exposure" exemption. Further information can be obtained by contacting one of the agencies listed on page 1-2.

There is no set format for writing your SWPPP and you are not required to use this Model SWPPP. Detailed requirements for developing a SWPPP are contained in the State General Permit. While the Model SWPPP may assist you in complying with storm water quality regulations, completing the Model SWPPP and implementing the recommended measures will not, in itself, ensure full compliance with federal, state, and local laws, regulations, or ordinances. The Model SWPPP does not address many mandatory elements of the State General Permit, including in particular Section B, Monitoring Program and Reporting Requirements, and Section C, Standard Provisions. The burden of comprehensive compliance rests solely with the facility owner. The MUD does not guarantee compliance or assume any responsibility for failure to comply with the State General Permit as a result of using the information provided herein.

Prior to developing a SWPPP, you must first submit an NOI along with the proper fee amount to the State Board. The application form and instructions are contained in Appendix A.

The industrial SWPPP has three major objectives:

- 1. To identify and evaluate sources of pollutants associated with industrial activities that may affect the quality of storm water discharges and authorized non-storm water discharges from the facility.
- 2. To identify and implement site-specific Best Management Practices (BMP's) to reduce or prevent pollutants associated with industrial activities in storm water discharges and authorized non-storm water discharges.
- 3. To meet the requirements of Section A "Storm Water Pollution Prevention Plan Requirements" of the State General Permit.

This instruction section explains the information required in the SWPPP worksheets, except where such information is self-explanatory. If this is your facilities' first SWPPP, we recommend you perform the following five steps to assure successful development and implementation of the SWPPP.

- 1. Planning and Organization
 - □ Form a pollution prevention team.
 - Review plans from other similar industries.

- 2. Assessment Phase
 - □ Develop a site map.
 - □ Identify potential pollutant sources.
 - ☐ Inventory the materials and chemicals at your facility.
 - ☐ Make a list of significant spills and leaks.
 - □ Identify non-storm water discharges.
 - □ Assess the pollutant risk.
- 3. Best Management Practices Identification Phase
 - □ Identify non-structural BMP's.
 - □ Identify structural BMP's.
 - □ Select activity and site specific BMP's.
- 4. Implementation Phase
 - Train your employees.
 - □ Implement the BMP's.
 - □ Conduct record keeping and reporting activities.
- 5. Evaluation/Monitoring
 - Conduct annual site evaluations.
 - □ Review the monitoring information.
 - □ Evaluate the effectiveness of the BMP's.
 - □ Review and revise the SWPPP as needed.

After you complete your SWPPP, you may remove these instructions and place the facility-specific SWPPP in a three ring binder. The loose-leaf format will facilitate any necessary future amendments and allow for addition of your monitoring results and annual reports. SWPPP's are not required to be submitted to the State for approval. However, if your facility has been designated by the City of Stockton as a "Level 1 Priority Facility" in accordance with City Code Section 7-809, you must submit your SWPPP to the Municipal Utilities Department for review and comment.

The State General Permit and this model SWPPP use words and phrases that may have unfamiliar or technical definitions. The definitions for these terms are found in Section 10.

Plan Implementation

This SWPPP shall be effective immediately upon certification. The property owner, or the business operator if the facility is not owned by the operator, is legally responsible for complying with the State General Permit. The State General Permit requires that all SWPPP's, reports, certifications, or other information required by the permit and/or requested by the Regional Water Quality Control Board (Regional Board), State Board, U.S. Environmental Protection Agency, or the MUD is signed by an authorized representative of the owner or operator. The responsible person (facility operator) shall ensure implementation of the elements of this plan. For a complete definition of "responsible person", please refer to Section C.9 on page 47 of the State General Permit.

Compliance Certification

Prior to certification, the facility operator shall review this SWPPP to determine compliance with the State General Permit. Compliance is based on the implementation of BMP's that use the best available technology that is economically achievable and the best conventional pollutant control technology. First year certification consists of signing the compliance certification form on page 2-3. The language in the certification form is mandatory as specified by the federal regulations.

This SWPPP shall be recertified annually following completion of the Comprehensive Site Compliance Evaluation and whenever the SWPPP is amended. Recertification is documented on the worksheet provided in Section 9.

When certifying the SWPPP for the first time, complete the certification worksheet at the end of this section on page 2-3. When certifying in following years, use the worksheet provided on page 9-2 of this model.

Annual Comprehensive Site Compliance Evaluation

The facility operator shall conduct one comprehensive site compliance evaluation in each reporting period (July 1–June 30) per year. The SWPPP shall be revised as appropriate following the evaluation. Evaluations shall include:

- Review of all observation, inspection, and sampling and analysis records
- Visual inspection of all potential pollutant sources
- Review and evaluation of all BMP's including applicable equipment (e.g., spill response kits)
- An evaluation report that identifies the personnel performing the evaluation, the date of the evaluation, necessary SWPPP revisions and a schedule for implementing them, incidents of non-compliance and corrective actions taken, and certifies that the facility operator is in compliance with the General Permit

When recertifying the SWPPP following the annual comprehensive site compliance evaluation, use the worksheet on Page 9-2 of this model.

SWPPP Amendments

The facility operator shall review this SWPPP no less frequently than once a year to determine if any amendments are necessary. The plan shall be amended whenever:

- A. The facility operator receives notification from the Regional Board or Local Agency that this plan does not meet minimum requirements or is in violation of the State General Permit. The responsible person shall then develop and submit a SWPPP revision and implementation schedule to meet the requirements. Within 14 days after implementing the required SWPPP revisions, the facility operator shall submit written certification that the changes made to the SWPPP have been implemented.
- B. There is a change in industrial activities which (i) may significantly increase the quantities of pollutants in storm water discharge, (ii) cause a new area of industrial activity at the facility to be exposed to storm water, or (iii) begin an industrial activity which would introduce a new pollutant source at the facility.
- C. The facility operator determines the SWPPP is in violation of any requirement(s) of the State General Permit. In such case the facility operator shall revise the SWPPP and implement the revisions in no more than 90 days.
- D. Any part of the SWPPP is infeasible to implement by the deadlines contained in the State General Permit due to proposed significant structural changes. The facility operator shall then submit a report to the Regional Board prior to the applicable deadline that (i) describes the portion of the SWPPP that is infeasible to implement by the deadline, (ii) provides justification for the time extension, (iii) provides a schedule for completing and implementing that portion of the SWPPP, and (iv) describes the BMP's that will be implemented in the interim period to reduce or prevent pollutants in storm water discharges and authorized non-storm water discharges. The facility operator shall submit written notification of completion within 14 days after implementation of the SWPPP revisions.

Availability of SWPPP

This SWPPP shall be retained on-site at all times and made available upon request to facility personnel and to representatives of the Regional Board and the MUD. This plan is a public document pursuant to Section 308(b) of the federal Clean Water Act and is available to members of the general public during regular business hours. If you believe portions of the SWPPP contain proprietary information, a letter must be submitted with the SWPPP which details the portions of the SWPPP believed to be proprietary, and the reason(s) they are proprietary. Those sections of the SWPPP that are determined to be proprietary will not be released to the public.

COMPLIANCE C	ERTIFICATION
I certify under penalty of law that this docume under my direction or supervision in accordar qualified personnel properly gathered and even on my inquiry of the person or persons who need directly responsible for gathering the information best of my knowledge and belief, true, accurate significant penalties for submitting false in and imprisonment for knowing violations.	nce with a system designed to ensure that aluate the information submitted. Based nanage the system, or those persons ion, the information submitted is, to the ate, and complete. I am aware that there
Name of Facility Operator	
Signature	Date
Title	

Section 3.1 on the following worksheet provides pertinent information regarding location, ownership and activities of the facility. The worksheet also lists the Pollution Prevention Team members (facility employees) and describes their responsibilities for SWPPP implementation as required in Section A.3.a. of the State General Permit.

Use the following worksheet to identify the individual(s) responsible for developing, implementing, and revising the SWPPP and for conducting monitoring program activities required by Section B of the State General Permit.

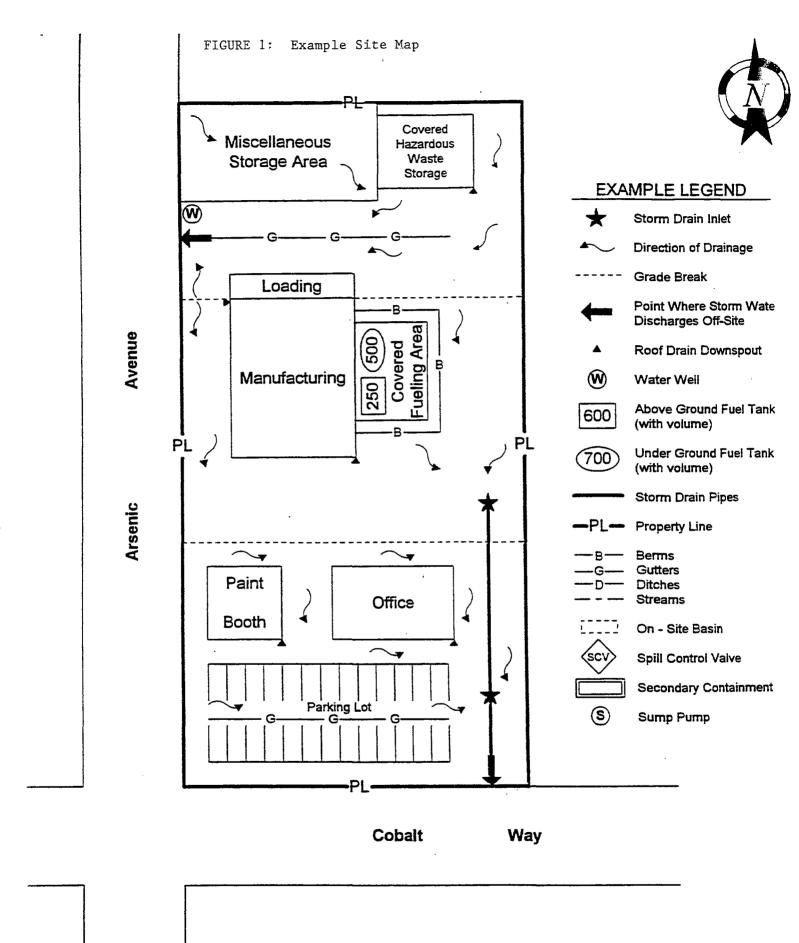
FACILITY INFO	ORMATION
Company Name:	
Facility Address:	
Owner Address:	
Telephone Number: ()	
Types of Industrial Activities at Facility:	
Standard Industrial Classification Code(s):	
Name of Facility Operator:	
	
Name of Facility Manager:	
Title:	
POLLUTION PREVENTION TEAM MEMBERS	RESPONSIBILITIES

Section A.4 of the State General Permit requires you to prepare a site map for inclusion in the SWPPP. The site map (See Figure 1 for an example) can be prepared using existing maps and plans. If you do not have an existing map or aerial photo of your facility, create one yourself with a tape measure, compass, and graph paper. While you are not required to hire a surveyor to create an exact map, your map should be roughly to scale.

Use shading or hatching to indicate the locations of expansive features such as paving, loading and unloading areas, or storage areas. Use symbols or numbers to show features such as storm drains, wells, fuel storage tanks, etc. Include a legend on your map. If necessary use multiple maps.

Use the following checklist to help develop your map. At a minimum, the site map shall:

- □ Be on an 8-1/2 x 11 inch or larger sheet and include notes, legends, and other data as appropriate,
- Show facility boundaries,
- Outline all storm water drainage areas within the facility boundaries,
- □ Show those portions of the facility affected by run-on from surrounding areas,
- Direction of flow from each drainage area,
- □ Show on-site and nearby water bodies (such as rivers, lakes, and ponds),
- □ Show areas of soil erosion,
- Show facility and municipal storm drain inlets,
- Show the location of the storm water collection and conveyance system with associated discharge points and direction of flow,
- □ Show structural control measures that affect discharges and run-on flows,
- Outline all impervious areas including paved areas, buildings, covered storage areas, or other roofed areas,
- □ Location of materials directly exposed to storm water,
- □ Location of significant spills or leaks,
- Areas of industrial activities such as storage areas and storage tanks, shipping and receiving areas, fueling areas, vehicle and equipment storage and maintenance areas, material handling and processing areas, waste treatment and disposal areas, dust or particulate generating areas, cleaning and rinsing areas, and other areas of industrial activities which may be potential pollutant sources.



ABC Manufacturing Co.

Section 5.1 on the following page is a list of all significant materials handled and stored at the facility, as required in Section A.5 of the State General Permit. Federal Regulations (40 CFR 122.26 (12)) define significant materials as including but 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 CERCLA; any chemical the facility is required to report pursuant to section 313 of title III of SARA; fertilizers: pesticides; and waste products such as ashes, slag and sludge that have the potential to be released with storm water discharges."

For each material on the list, provide a description of the storage, receiving, shipping, and handling areas, and its typical quantities and frequencies. Materials listed shall include raw materials, intermediate products, final or finished products, recycled materials, and waste materials. If necessary, make extra copies of the blank worksheet to complete.

5.1 LIST OF SIGNIFICANT MATERIALS

SIGNIFICANT MATERIAL	LOCATION WHERE MATERIALS ARE STORED, HANDLED, RECEIVED, OR SHIPPED	QUANTITIES/ FREQUENCY*

^{*}Frequency of material usage, handling, shipping, and receiving

The worksheets in Sections 6.1 through 6.7 address the State General Permit requirements for narrative descriptions of the facility's industrial activities, associated potential pollutant sources, and potential pollutants that could be discharged in storm water discharges or authorized non-storm water discharges as required in State General Permit Section A.6.a.

Each worksheet provides a narrative assessment of areas that are likely sources of pollutants, the pollutants likely to be present in storm water discharges, authorized non-storm water discharges, and the reference to the appropriate BMP worksheet(s) addressing the pollutant(s) and source(s) as required in State General Permit Section A.7.a.

Use the narrative description section of each worksheet identified as Item A to provide a comprehensive description of the industrial activities at your facility. Use the narrative assessment section of the worksheets identified as Item B to focus on areas where the activity could result in storm water pollution.

Include all industrial activities identified on the site map when completing this section. Some worksheets, such as Section 6.1 entitled "Industrial Process," may need multiple copies made in order to address all the potential pollutant-generating activities. At the end of each worksheet identify the BMP(s) from Section 7.0 that you will use to control the potential storm water pollutants and sources you have described. Use worksheet 6.7 to identify and address any potential storm water pollutants and sources not covered in Sections 6.1 through 6.6.

6.1 INDUSTRIAL PROCESS*

A.	Narrative Description
	Industrial process:
	Type, characteristics, and quantity of the significant material used in or resulting from the process:
	Manufacturing, cleaning, rinsing, recycling, disposal, or other activities related to the process:
	Areas protected by containment structures and corresponding containment capacities:
В.	Narrative Assessment
	Industrial process areas that are likely sources of pollutants and the corresponding pollutants that are likely to be present in storm water discharges and authorized non-storm water discharges:
c.	Best Management Practice(s)
	BMP(s) identified in Section 7.0 to address potential pollutants and sources:
	 -

6.2 MATERIAL HANDLING AND STORAGE AREAS

١.	Narrative Description
	Handling and storage areas:
	Type, characteristics, and quantity of each significant material handled or stored:
	Material shipping, receiving, and loading procedures:
	Spill or leak prevention and response procedures:
	Areas protected by containment structures and corresponding containment capacities:
3.	Narrative Assessment
	Material handling and storage areas that are likely sources of pollutants and the corresponding pollutants that are likely to be present in storm water discharges and authorized non-storm water discharges:
C.	Best Management Practice(s)
	BMP(s) identified in Section 7.0 to address potential pollutants and sources:
	

6.3 DUST AND PARTICULATE GENERATING ACTIVITIES

A.	Narrative Description
	Industrial activities that generate dust or particulates that may be deposited within the facility's boundaries and corresponding discharge locations:
	·
	Characteristics of dust and particulate pollutants generated and quantity that may be deposited within the facility boundaries:
	Primary areas of the facility where dust and particulate pollutants would settle:
В.	Narrative Assessment
	Dust and particulate pollutant settling areas that are likely sources of pollutants and the corresponding pollutants that are likely to be present in storm water discharges and authorized non-storm water discharges:
C.	Best Management Practice(s)
	BMP(s) identified in Section 7.0 to address potential pollutants and sources:

6.4 SIGNIFICANT SPILLS AND LEAKS

A.	Narrative Description
	Type, characteristics, and approximate quantity of materials that have spilled or leaked in significant quantities in storm water discharges or non-storm water discharges since April 17, 1994.
	Cleanup or remedial actions that have occurred or are planned:
	Approximate remaining quantity of materials that may be exposed to storm water or non-storm water discharges:
	Preventive measures taken to ensure spills or leaks do not recur:
В.	Narrative Assessment
	Spill and leak areas that are likely sources of pollutants and the corresponding pollutants that are likely to be present in storm water discharges and authorized non-storm water discharges:
C.	Best Management Practice(s)
	BMP(s) identified in Section 7.0 to address potential pollutants and sources:

6.5 NON-STORM WATER DISCHARGES

A.	Narrative Description
	Authorized and unauthorized non-storm water discharges at the facility:
В.	Narrative Assessment
	Non-storm water discharges that are likely sources of pollutants, and the corresponding pollutants that are likely to be present. Identify the non-storm water discharge source, quantity, frequency, characteristics, associated drainage area; and discharge location:
C.	Best Management Practice(s)
	BMP(s) identified in Section 7.0 to address potential pollutants in authorized non-storm water discharges, and to eliminate unauthorized non-storm water discharges:

6.6 SOIL EROSION

۵.	Narrative Description
	Activities at the facility which could potentially result in soil erosion:
	·
В.	Narrative Assessment
	Facility areas where soil erosion may occur as a result of industrial activity, storm water discharges associated with industrial activity, or authorized non-storm water discharges:
	•
C.	Best Management Practice(s)
	BMP(s) identified in Section 7.0 to prevent soil erosion:

6.7 OTHER

٩.	Narrative Description
	Additional industrial activities:
3.	Narrative Assessment
	Areas that are likely sources of pollutants and the corresponding pollutants that are likely to be present in storm water discharges and authorized non-storm water discharges:
	
C.	Best Management Practice(s)
	BMP(s) identified in Section 7.0 to address potential pollutants and sources:

The worksheets in Sections 7.1 through 7.12 describe non-structural and structural BMP's selected for control of storm water pollution at the facility (State General Permit Section A.8). Structural BMP's often consist of treatment controls or overhead coverage, while non-structural BMP's typically consist of facility housekeeping and maintenance activities and other low-cost practices.

It is the permitee's responsibility to identify the appropriate BMP(s) for each potential pollutant and its source as identified in Section 6.0 of this SWPPP. Some BMP's may be implemented for multiple pollutants and their sources, while others may be implemented for a very specific pollutant and its sources.

Each of the following worksheets presents numerous BMP's for different potential sources of pollutants in storm water discharges and authorized non-storm water discharges. If a BMP is appropriate or applies at your facility, indicate whether the BMP is existing, existing to be revised, or new, and describe the expected effectiveness of the BMP in reducing or preventing pollutants in storm water discharges and authorized non-storm water discharges. If a BMP does not apply to your facility check the N/A box.

If appropriate BMP's are not presented for potential pollutant sources described in Section 6.0, you may use Worksheet 7.12 to describe additional appropriate BMP's. Once the worksheets are completed, be sure to complete the BMP references in Section 6.0, and crosscheck to ensure that all potential pollutants and sources have corresponding BMP's. When you are finished identifying BMP's, you may discard any unused BMP worksheets.

7.1 BMP'S FOR VEHICLE AND EQUIPMENT FUELING (LIQUID FUELS ONLY)

s)/source(s) as identified in Section 6.0:
UCTURAL BMP's
Use dry cleanup methods for spills and leaks (e.g., kitty litter, absorbent fabrics) Existing BMP Existing BMP to be revised New BMP N/A Expected BMP effectiveness:
Store dry cleanup materials in areas where spills may occur Existing BMP Existing BMP to be revised New BMP N/A Expected BMP effectiveness:
Provide spill prevention and cleanup training to all employees responsible for conducting fueling activities □ Existing BMP □ Existing BMP to be revised □ New BMP □ N/A Expected BMP effectiveness:
Inspect and maintain underground and above-ground storage tanks and fueling apparatus to comply with state regulations □ Existing BMP □ Existing BMP to be revised □ New BMP □ N/A Expected BMP effectiveness:

Fuel-5	Implement Spill Prevention, Control, and Counter-measure (SPCC) Plan
	□ Existing BMP
	☐ Existing BMP to be revised
	□ New BMP
	□ N/A
	Expected BMP effectiveness:
Fuel-6	Use mobile fueling equipment only in designated areas and block storm drains when in use
	☐ Existing BMP
	☐ Existing BMP to be revised
	□ New BMP
	□ N/A
	Expected BMP effectiveness:
Fuel-7	Maintain oil and water separator every weeks; inspect monthly and following spills.
	□ Existing BMP
	☐ Existing BMP to be revised
	□ New BMP
	□ N/A
	Expected BMP effectiveness:
Fuel-8	Train staff to implement fueling BMP's. Training schedule and staff responsibilities:
	☐ Existing BMP
	☐ Existing BMP to be revised
	□ New BMP
	□ N/A
	Expected BMP effectiveness:

STRUCTURAL BMP's	
Fuel-9	If necessary, upgrade fueling facility to comply with the Uniform Fire Code and the National Electric Code ☐ Existing BMP ☐ Existing BMP to be revised
	□ Existing BMP to be revised □ New BMP
	□ N/A
	Expected BMP effectiveness:
	Expedice Biril Circuiteticss.
Fuel-10	Install roof over fuel islands, and, if possible, install perimeter drain or berm around fueling area and direct internal drainage to a sump or to an approved sanitary sewer connection Existing BMP
	☐ Existing BMP to be revised
	□ New BMP
	□ N/A
	Expected BMP effectiveness:
Fuel-11	Install secondary containment around the storage tank filling area
	□ Existing BMP
	☐ Existing BMP to be revised
	□ New BMP
	□ N/A
	Expected BMP effectiveness:
Fuel-12	Install automatic shut-off fueling nozzles
	□ Existing BMP
	☐ Existing BMP to be revised
	□ New BMP
	□ N/A
	Expected BMP effectiveness:

Fuel-13	Post signs to discourage "topping off" of fuel tanks ☐ Existing BMP ☐ Existing BMP to be revised ☐ New BMP ☐ N/A
	Expected BMP effectiveness:
Fuel-14	Install oil and water separator in storm drain(s) that drain the fueling area Existing BMP Existing BMP to be revised New BMP N/A Expected BMP effectiveness:
Fuel-15	Pave fueling area with concrete OR seal asphalt to prevent fuel spills from dissolving asphalt
	□ Existing BMP
	☐ Existing BMP to be revised
	□ New BMP
	□ N/A
	Expected BMP effectiveness:
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7.2 BMP'S FOR VEHICLE AND EQUIPMENT MAINTENANCE

Pollutant(s)/source(s) as identified in Section 6.0:
	UCTURAL BMP's
Maint-1	Conduct routine inspections every and maintain orderly vehicle/equipment areas □ Existing BMP □ Existing BMP to be revised □ New BMP □ N/A Expected BMP effectiveness:
Maint-2	Use drip pans or drop cloths under engines and crank cases during maintenance Existing BMP Existing BMP to be revised New BMP N/A Expected BMP effectiveness:
Maint-3	Use dry cleanup methods for spills and leaks Existing BMP Existing BMP to be revised New BMP N/A Expected BMP effectiveness:

Maint-4	Comply with all state, federal, and local regulations for solid and hazardous waste disposal Existing BMP Existing BMP to be revised New BMP N/A Expected BMP effectiveness:
Maint-5	Recycle used oil, antifreeze and other fluids when feasible
	□ Existing BMP
	☐ Existing BMP to be revised
	□ New BMP
	□ N/A
	Expected BMP effectiveness:
Maint-6	Implement Spill Prevention, Control, Countermeasure (SPCC) Plan
	□ Existing BMP
	☐ Existing BMP to be revised
	□ New BMP
	□ N/A
	Expected BMP effectiveness:
Maint-7	Maintain oil and water separator every weeks; Inspect monthly and following spills.
	□ Existing BMP
	☐ Existing BMP to be revised
	□ New BMP
	□ N/A
	Expected BMP effectiveness:

Maint-8	Train staff to implement maintenance BMP's. Training schedule and staff responsibilities:
	□ Existing BMP □ Existing BMP to be revised □ New BMP □ N/A Expected BMP effectiveness:
STRUCTU	RAL BMP's
Maint-9	
manic-3	roof over vehicle and equipment maintenance areas
	□ Existing BMP
	Existing BMP to be revised
	□ New BMP □ N/A
	Expected BMP effectiveness:
Maint-10	Install oil and water separator in storm drain draining maintenance area
	□ Existing BMP □ Existing BMP to be revised
	□ Existing BMP to be revised □ New BMP
	□ N/A
	Expected BMP effectiveness:
Maint-11	Pave maintenance area with concrete OR seal asphalt to prevent solvents and oil spills from dissolving asphalt
	☐ Existing BMP
	☐ Existing BMP to be revised
	□ New BMP
	□ N/A Expected BMD effectiveness:
	Expected BMP effectiveness:

7.3 BMP'S FOR VEHICLE AND EQUIPMENT WASHING AND CLEANING

Pollutant(s)/source(s) as identified in Section 6.0:	
UCTURAL BMP's	
Conduct routine inspections every and maintain orderly washing/cleaning areas □ Existing BMP □ Existing BMP to be revised □ New BMP □ N/A Expected BMP effectiveness:	
Prohibit uncontrolled on-site washing Existing BMP Existing BMP to be revised New BMP N/A Expected BMP effectiveness:	
Take all vehicles and equipment off-site to commercial washing or steam cleaning facility ☐ Existing BMP ☐ Existing BMP to be revised ☐ New BMP ☐ N/A Expected BMP effectiveness:	

Wash-4	Conduct pressure washing such that storm drains are blocked and wash waters drain to an approved sanitary sewer connection or are contained, pumped and properly disposed in the sanitary sewer. Ensure proper management of wash waters from mobile cleaning operations. □ Existing BMP □ Existing BMP to be revised □ New BMP □ N/A Expected BMP effectiveness:
Wash-5	Train staff to implement washing and cleaning BMP's. Training schedule and staff responsibilities:
	□ Existing BMP □ Existing BMP to be revised □ New BMP □ N/A Expected BMP effectiveness:
STRUCT	RAL BMP's
Wash-6	Conduct on-site washing and steam cleaning activities in designated area(s) only, as follows:
	 inside a building, with water either recycled or discharged to an approved sanitary sewer connection (location:)
	 within contained, concrete-paved outdoor wash facility in which water is filtered and recycled
	within contained, concrete-paved outdoor wash facility which discharges to an approved sanitary sewer connection (provide control valve to prevent entry of storm water when not washing) or sump
	☐ Existing BMP ☐ Existing BMP to be revised
	☐ Existing BMP to be revised☐ New BMP
	□ N/A
	Expected BMP effectiveness:
	·

7.4 BMP'S FOR LOADING AND UNLOADING OF MATERIALS WHICH CAN POLLUTE STORM WATER (LIQUIDS, POWDERS, ETC.)

Pollutant(s	s)/source(s) as identified in Section 6.0:
NON-STR	UCTURAL BMP's
Load-1	Conduct routine inspections every and maintain orderly loading/unloading areas. □ Existing BMP □ Existing BMP to be revised □ New BMP □ N/A Expected BMP effectiveness:
Load-2	Implement written operations and procedures plan and distribute to all contractors delivering and picking up materials at facility Existing BMP Existing BMP to be revised New BMP N/A Expected BMP effectiveness:
Load-3	Use dry cleanup methods for spills and leaks of liquids Existing BMP Existing BMP to be revised New BMP N/A Expected BMP effectiveness:

Store dry cleanup materials near all loading and unloading areas Existing BMP Existing BMP to be revised New BMP N/A Expected BMP effectiveness:
Conduct loading and unloading during dry weather only Existing BMP Existing BMP to be revised New BMP N/A Expected BMP effectiveness:
Implement Spill Prevention, Control, and Counter-measure (SPCC) Plan Existing BMP Existing BMP to be revised New BMP N/A Expected BMP effectiveness:
For liquid transfer to storage tanks, place drip pans at locations where spillage may occur, such as hose connections, hose reels, and filler nozzles. Use drip pans when making and breaking connections. □ Existing BMP □ Existing BMP to be revised □ New BMP □ N/A Expected BMP effectiveness:

Load-8		n staff to implement loading/unloading BMP's. Testing schedule and staff onsibilities:
		Existing BMP
		Existing BMP to be revised
		New BMP
		N/A
	Exp	ected BMP effectiveness:
STRUCT	JRAL	BMP's
Load-9	Insta	all roof or awning over truck and rail loading areas
		Existing BMP
		Existing BMP to be revised
		New BMP
		N/A
	Exp	ected BMP effectiveness:
Load-10	load	all valve-controlled sump in storm drain beneath loading dock and keep closed during ing and unloading operations; do not discharge any spilled materials or contaminated ds to storm drain.
		Existing BMP
		Existing BMP to be revised
		New BMP
		N/A

Load-11	Install berms or grade and repave as necessary to prevent storm water runon and spilled material runoff
	☐ Existing BMP
	☐ Existing BMP to be revised
	□ New BMP
	□ N/A
	Expected BMP effectiveness:
Load-12	Pave areas where liquid transfers take place with Portland cement concrete. Design the transfer area to prevent runoff and drain the transfer area to a sump with a spill control valve.
	□ Existing BMP
	☐ Existing BMP to be revised
	□ New BMP
	□ N/A
	Expected BMP effectiveness:
	·

7.5 BMP'S FOR OUTDOOR EQUIPMENT AND MATERIAL STORAGE AREAS

Pollutant(s)/source(s) as identified in Section 6.0:
NON-STR	JCTURAL BMP's
Store-1	Conduct routine inspections every and maintain orderly storage areas Existing BMP Existing BMP to be revised New BMP N/A Expected BMP effectiveness:
Store-2	Pick up litter, rags, and other debris regularly Existing BMP Existing BMP to be revised New BMP N/A Expected BMP effectiveness:
Store-3	Provide secondary containment for fluids (e.g., drums, 5-gallon plastic containers, etc.) Existing BMP Existing BMP to be revised New BMP N/A Expected BMP effectiveness:
Store-4	Educate forklift operators about proper transfer and storage procedures and spill control and response □ Existing BMP □ Existing BMP to be revised □ New BMP □ N/A Expected BMP effectiveness:

Store-5	Place drip pans or drop cloths under vehicles and equipment that will be stored for more than a week
	□ Existing BMP
	☐ Existing BMP to be revised
	□ New BMP
	□ N/A
	Expected BMP effectiveness:
	Exposed Bivii Circoaveriess.
Store-6	Sweep storage areas weekly using portable vacuum sweeper or with brooms and dispose of the material properly
	□ Existing BMP
	☐ Existing BMP to be revised
	□ New BMP
	□ N/A
	Expected BMP effectiveness:
Store-7	
	outdoors
	☐ Existing BMP
	☐ Existing BMP to be revised
	□ New BMP
	□ N/A
	Expected BMP effectiveness:
Store-8	Place dumpsters used to store wastes under cover to prevent corrosion and leaks
0.016-0	☐ Existing BMP
	☐ Existing BMP to be revised
	☐ New BMP
	□ N/A
	Expected BMP effectiveness:
	Expected Divir effectiveness.

Store-9	Train staff to implement storage BMP's. Training schedules and staff responsibilities:
	☐ Existing BMP ☐ Existing BMP to be revised ☐ New BMP ☐ N/A Expected BMP effectiveness:
STRUCTU	RAL BMP's
Store-10	Comply with Uniform Fire Code requirements for storage of reactive, ignitable, or
	flammable liquids
	Existing BMP Finishing BMP to be revised.
	□ Existing BMP to be revised □ New BMP
	□ N/A
	Expected BMP effectiveness:
Store-11	Install roof over storage areas (especially chemical storage) and, if possible, install deadend sump or direct internal drainage to an approved sanitary sewer connection
	☐ Existing BMP
	□ Existing BMP to be revised □ New BMP
}	□ N/A
	Expected BMP effectiveness:
Store-12	Construct secondary containment for liquids storage areas. Do not release storm water from secondary containment if it has become contaminated
	☐ Existing BMP
	☐ Existing BMP to be revised
<u> </u>	□ New BMP
	□ N/A
	Expected BMP effectiveness:

Store-13	Install drainage sump with control valve for storage areas with a high potential for accidental pollutant release Existing BMP Existing BMP to be revised New BMP N/A Expected BMP effectiveness:
Store-14	OR Grade pavement such that drainage from this area flows to a point where it can be collected for treatment/disposal or infiltrated (unless draining area where toxic or hazardous materials are stored)
	□ Existing BMP □ Existing BMP to be revised □ New BMP □ N/A Expected BMP effectiveness:

7.6 BMP'S FOR INDUSTRIAL PARKING LOTS, ACCESS ROADS, AND OTHER PAVED AREAS

Pollutant(s	s)/source(s) as identified in Section 6.0:
St	eas used only for temporary parking of employee or company vehicles are exempt from the ate General Permit if the runoff from these areas are not co-mingled with runoff from dustrial areas at the facility.
NON-STR	UCTURAL BMP's
Pave-1	Conduct routine inspections of paved areas every
	□ Existing BMP
	☐ Existing BMP to be revised
	□ New BMP
	□ N/A
	Expected BMP effectiveness:
Pave-2	Prohibit hosing off of driveways, parking lots, and other paved areas
	□ Existing BMP
	☐ Existing BMP to be revised
	□ New BMP
	□ N/A
	Expected BMP effectiveness:
Pave-3	Educate employees not to perform vehicle maintenance in the parking lot
	□ Existing BMP
	☐ Existing BMP to be revised
	□ New BMP
	□ N/A
	Expected BMP effectiveness:

Pave-4	Sweep paved areas using portable vacuum sweeper or with brooms ☐ Existing BMP ☐ Existing BMP to be revised ☐ New BMP
	□ N/A
	Expected BMP effectiveness:
Pave-5	Maintain oil and water separator every weeks; inspect monthly and following spills.
	□ Existing BMP
	☐ Existing BMP to be revised
	□ New BMP
	□ N/A
	Expected BMP effectiveness:
,	
Pave-6	Train staff to implement paved area BMP's. Training schedule and staff responsibilities:
,	
	☐ Existing BMP
	Existing BMP to be revised
	□ New BMP
	□ N/A
	Expected BMP effectiveness:
:	
STRUCTU	JRAL BMP's
Pave-7	Grade parking lots and access roads so that runoff is directed to grass-lined swales or vegetated areas
	□ Existing BMP
	☐ Existing BMP to be revised
	□ New BMP
	□ N/A
	Expected BMP effectiveness:
	•

Pave-8	At facilities with heavy truck traffic, install oil and water separators in storm drains
	□ Existing BMP
	☐ Existing BMP to be revised
	□ New BMP
	□ N/A
	Expected BMP effectiveness:
Pave-9	Pave dirt parking lots and access roads that are subject to muddy conditions to facilitate maintenance and prevent offsite soil tracking
	□ Existing BMP
	☐ Existing BMP to be revised
	□ New BMP
	□ N/A
	Expected BMP effectiveness:

7.7 BMP'S FOR PAINTING

Pollutanto	s)/source(s) as identified in Section 6.0:
	UCTURAL BMP's
NON-SIR	OCTURAL BIMP'S
Paint-1	Conduct routine inspections every and maintain orderly painting areas □ Existing BMP □ Existing BMP to be revised □ New BMP □ N/A Expected BMP effectiveness:
Paint-2	Do not discharge paints, solvents, or any other painting-related materials to the storm drain Existing BMP Existing BMP to be revised New BMP N/A Expected BMP effectiveness:
Paint-3	Mix paint indoors or in a paved containment area Existing BMP Existing BMP to be revised New BMP N/A Expected BMP effectiveness:

Paint-4	Spread a ground cloth or tarpaulin to collect dust, paint chips, and residue from scraping and sand blasting activities. Chips and sand blasting grit from lead-, tributyl tin-, cadmium-, or chromium-based paints must be disposed of as hazardous waste; chips and grit from water-based paints may be disposed of as solid waste. □ Existing BMP □ Existing BMP to be revised □ New BMP □ N/A Expected BMP effectiveness:
Paint-5	Use impermeable ground cloths while painting to capture leaks and drips, place the paint buckets being used in a pan or on plastic sheeting. Avoid painting during windy or wet weather; when spray painting outdoors set up the work area to capture wind drift and drips. □ Existing BMP □ Existing BMP to be revised □ New BMP □ N/A Expected BMP effectiveness:
Paint-6	For water-based paints, clean equipment in a sink connected to the sanitary sewer or into a container (e.g., 55 gallon drum) for proper disposal to the sanitary sewer. For oil-based paints, clean equipment in a designated containment area and ensure proper disposal of waste paint and solvents as hazardous waste. Whenever feasible, keep leftover paint, solvents, and other supplies for later use, or recycle through a solvent or paint recycler. □ Existing BMP □ Existing BMP to be revised □ New BMP □ N/A Expected BMP effectiveness:
Paint-7	In the event of a spill, protect storm drain inlets and promptly clean up and properly dispose of spilled materials; do not wash spilled paint down the storm drain with a hose. □ Existing BMP □ Existing BMP to be revised □ New BMP □ N/A Expected BMP effectiveness:

Paint-8	Train employees and subcontractors to implement painting BMP's. Training schedule and staff responsibilities:		
		Existing BMP	
		Existing BMP to be revised	
		New BMP	
		N/A	
	Exp	pected BMP effectiveness:	

7.8 BMP'S FOR LANDSCAPE MAINTENANCE

Pollutant(s	s)/source(s) as identified in Section 6.0:
NON-STR	UCTURAL BMP's
Land-1	Conduct routine inspections every and maintain orderly chemical storage areas.
	☐ Existing BMP ☐ Existing BMP to be revised ☐ New BMP ☐ N/A Expected BMP effectiveness:
Land-2	Evaluate and incorporate as appropriate cultural vegetation control (such as mulching, use of ground covers) and biological and integrated pest management techniques to minimize pesticide use. □ Existing BMP □ Existing BMP to be revised □ New BMP □ N/A Expected BMP effectiveness:
Land-3	Whenever possible, select products with low toxicity, persistence, and mobility. Existing BMP Existing BMP to be revised New BMP N/A Expected BMP effectiveness:
Land-4	Re-evaluate pesticide products and practices annually. Existing BMP Existing BMP to be revised New BMP N/A Expected BMP effectiveness:

Land-5	Contact the state Cooperative Extension Service, Agriculture Commission, and Department of Pesticide Regulation for product information and recommendations.
	□ Existing BMP
	☐ Existing BMP to be revised
	□ New BMP
	□ N/A
	Expected BMP effectiveness:
Land-6	Use only trained personnel for chemical application.
	□ Existing BMP
	☐ Existing BMP to be revised
	□ New BMP
	□ N/A
	Expected BMP effectiveness:
Land-7	Maintain written procedures covering: approved products and appropriate use and application information, equipment use and maintenance, and record-keeping and public notice.
	☐ Existing BMP
	☐ Existing BMP to be revised
	□ New BMP
	□ N/A
	Expected BMP effectiveness:
Land-8	Periodically check application equipment to ensure product is being applied at designated rates.
	□ Existing BMP
	☐ Existing BMP to be revised
	□ New BMP
	□ N/A
	Expected BMP effectiveness:
<u> </u>	

Land-9	Apply fertilizers in frequent smaller applications as opposed to one large application. □ Existing BMP □ Existing BMP to be revised □ New BMP □ N/A Expected BMP effectiveness:
Land-10	Carefully follow recommended usage instructions. Existing BMP Existing BMP to be revised New BMP N/A Expected BMP effectiveness:
Land-11	Prevent spills and leaks during filling of application equipment. Use drip pans and reuse or promptly transfer collected materials to designated waste containers. □ Existing BMP □ Existing BMP to be revised □ New BMP □ N/A Expected BMP effectiveness:
Land-12	Do not use pesticides on streambanks and other riparian areas unless the pesticide has been specifically approved for such use by the State Department of Fish and Game and the regional Water Quality Control Board. □ Existing BMP □ Existing BMP to be revised □ New BMP □ N/A Expected BMP effectiveness:

Land-13	Avoid pesticide and fertilizer application before storms and when saturated soils may result in runoff of pollutants. □ Existing BMP □ Existing BMP to be revised □ New BMP □ N/A Expected BMP effectiveness:
Land-14	Work fertilizers into the soil to depths of 4 to 6 inches, and consider mulching following application. Avoid applications before storms. □ Existing BMP □ Existing BMP to be revised □ New BMP □ N/A Expected BMP effectiveness:
Land-15	Minimize erosion related to filling of fertilizers by applying mulch and establishing vegetative cover prior to the wet season. □ Existing BMP □ Existing BMP to be revised □ New BMP □ N/A Expected BMP effectiveness:
Land-16	Maintain usage inventory to limit waste generation; use up all chemicals whenever possible. If impossible to use up, properly dispose of surplus materials. □ Existing BMP □ Existing BMP to be revised □ New BMP □ N/A Expected BMP effectiveness:

Land-17	Never discharge water used to clean out chemical application equipment to the system or sanitary sewer. Instead, triple rinse containers and reuse rinse wate with product; properly dispose of the waste product containers.		
		Existing BMP	
		Existing BMP to be revised	
		New BMP	
		N/A	
	Ехр	ected BMP effectiveness:	

7.9 BMP'S FOR EROSION AND SEDIMENTATION

Pollutant(s)/source(s) as identified in Section 6.0:
NON-STR	UCTURAL BMP's
ES-1	Conduct routine inspections or grading or clearing areas and properly maintain all erosion and sedimentation control resources. □ Existing BMP □ Existing BMP to be revised □ New BMP □ N/A Expected BMP effectiveness:
ES-2	Comply with San Joaquin Valley Unified Air Pollution Control District Rule 8010 (Fugitive Dust Control Requirements). Existing BMP Existing BMP to be revised New BMP N/A Expected BMP effectiveness:
ES-3	Before commencing grading or clearing, stabilize steep slopes, areas adjacent to water bodies, and the site perimeter to prevent erosion and sediment transport into receiving waters and onto adjacent properties and roadways. □ Existing BMP □ Existing BMP to be revised □ New BMP □ N/A Expected BMP effectiveness:

ES-4	Before grading or clearing, provide and maintain designated, stabilized site access points for vehicle entry/egress or otherwise prevent vehicle trackout of sediments.			
		Existing BMP		
		Existing BMP to be revised		
		New BMP		
		N/A		
		ected BMP effectiveness:		
		Solice Divil Circulations.		
ES-5	Minimize site disturbance and vegetation clearing. Before commencing grading or clearing, delineate clearing limits, easements, setbacks, and vegetation to be preserved by marking in the field.			
		Existing BMP		
		Existing BMP to be revised		
		New BMP		
		N/A		
	Exp	ected BMP effectiveness:		
ES-6	Pres	serve vegetated buffer areas adjacent to water bodies and on steep slopes. Existing BMP		
		•		
		Existing BMP to be revised New BMP		
		N/A		
	_	ected BMP effectiveness:		
		ected DIVIF effectiveness.		
ES-7	Prior to completion of grading or clearing or onset of wet season, ensure that site is clean and stabilized.			
ES-7				
ES-7				
ES-7	and	stabilized.		
ES-7	and	stabilized. Existing BMP		
ES-7	and □ □	stabilized. Existing BMP Existing BMP to be revised		

ES-8	Upon completion of grading or clearing, thoroughly sweep sediment from paved areas (either manually or using a mechanized street sweeper, vacuum preferable). □ Existing BMP □ Existing BMP to be revised □ New BMP
	□ N/A Expected BMP effectiveness:
ES-9	Train employees and subcontractors to implement erosion and sedimentation BMP's. Training schedule and staff responsibilities:
	□ Existing BMP
	☐ Existing BMP to be revised
	□ New BMP
	□ N/A
	Expected BMP effectiveness:
STRUCTU	JRAL BMP's
ES-10	Retard runoff velocities, both on slopes and at discharge points, to prevent erosion.
	□ Existing BMP
	☐ Existing BMP to be revised
	□ New BMP
	□ N/A
	Expected BMP effectiveness:
ES-11	Capture and treat sediment-laden flows in sediment basins prior to discharge off-site.
	□ Existing BMP
	☐ Existing BMP to be revised
	□ New BMP
	□ N/A
	Expected BMP effectiveness:

7.10 BMP'S FOR NON-STORM WATER DISCHARGES

Pollutant(s	s)/source(s) as identified in Section 6.0:		
NON-STR	UCTURAL BMP's		
NSW-1	 Implement quarterly inspections of authorized non-stormwater discharges to ensure BM implementation and effectiveness. □ Existing BMP 		
	☐ Existing BMP to be revised		
	□ New BMP		
	□ N/A		
	Expected BMP effectiveness:		
NSW-2	Do not discharge vehicle/machinery wash waters (or solvents) to storm drain system or surface water bodies. Disposal priorities are to reuse/recycle water, or use commercial car wash. If these are not possible, discharge to the sanitary sewer. Approval required by the POTW.		
	□ Existing BMP ·		
	☐ Existing BMP to be revised		
	□ New BMP		
	□ N/A		
	Expected BMP effectiveness:		
NSW-3	Do not discharge paint rinsate to storm drain system or surface water bodies. Paint rinsate, and paint related wastewaters shall be collected, contained, and disposed of into the sanitary sewer.		
	☐ Existing BMP		
	☐ Existing BMP to be revised		
	□ New BMP		
	□ N/A		
	Expected BMP effectiveness:		
İ			
1			

NSW-4	Do not conduct steam cleaning on-site, OR , if steam cleaning must occur, collect all steam cleaning wastewater and discharge to sanitary sewer.
	☐ Existing BMP
	☐ Existing BMP to be revised
	☐ New BMP
	□ N/A
	Expected BMP effectiveness:
NSW-5	Do not discharge waste container rinsate to storm drain system or surface water bodies. Discharge runoff from rinsing waste containers to sanitary sewer. Approval is required by POTW.
	□ Existing BMP
	☐ Existing BMP to be revised
	□ New BMP
	□ N/A
	Expected BMP effectiveness:
	
NSW-6	Utilize a sedimentation or filtering control measure (e.g., sediment basin) to remove sediment from dewatering waters prior to discharge.
	☐ Existing BMP
	☐ Existing BMP to be revised
	□ New BMP
	□ N/A Expected BMD effectiveness
	Expected BMP effectiveness:
NSW-7	Do not discharge dewatering water from contaminated sites to storm drain system or surface water bodies. Dispose of dewatering water from contaminated sites to the sanitary sewer. Approval is required by the POTW.
	☐ Existing BMP
	☐ Existing BMP to be revised
	□ New BMP
	□ N/A
	Expected BMP effectiveness:

NSW-8	Do not discharge concrete rinse waters (either from concrete truck washout or aggregate rinsing) to storm drain system or surface water bodies. Discharge concrete rinse waters from concrete truck washout into a depressed containment area and allow to infiltrate. Aggregate rinse water shall be discharged onto a dirt area and spaded in. Existing BMP Existing BMP to be revised New BMP N/A Expected BMP effectiveness:		
NSW-9	-9 Use sand bags to prevent off-site discharge of saw-cut slurry; clean up sediment when Primary disposal priorities are to use dry cutting technique and sweep up residue, and vacuum slurry and dispose of off-site.		
	☐ Existing BMP		
	☐ Existing BMP to be revised		
	□ New BMP		
	□ N/A		
	Expected BMP effectiveness:		
NSW-10	Do not discharge process wastewater to the storm drain system or surface water bodies unless a separate discharge permit has been obtained.		
	☐ Existing BMP		
	☐ Existing BMP to be revised		
	□ New BMP		
	□ N/A		
	Expected BMP effectiveness:		
NOW 44			
NSW-11	Ensure that authorized non-storm water discharges meet Regional Board and local agency requirements.		
	□ Existing BMP		
	☐ Existing BMP to be revised		
	□ New BMP		
	□ N/A		
	Expected BMP effectiveness:		

NSW-12	Prevent or reduce the contact of authorized non-storm water discharges with significant materials and equipment, and minimize discharge flow and volume. Necessary steps to prevent or reduce contact and reduce flow:				
	□ Existing BMP				
	evised				
□ N/A					
	Expected BMP effectiveness:				
NSW-13	SW-13 Train employees and subcontractors to properly manage non-storm water discha Training schedule and staff responsibilities:				
	☐ Existing BMP				
	☐ Existing BMP to be r	evised			
	□ New BMP				
	□ N/A				
	Expected BMP effectiveness:				

7.11 BMP'S FOR RECORDKEEPING AND INTERNAL REPORTS

REC-1	Develop forms and procedures and assign responsibilities for documenting: facility inspections spills maintenance activities corrective actions visual observations Include copies of forms and procedures as an appendix to this SWPPP. Existing BMP Existing BMP to be revised New BMP N/A Expected BMP effectiveness:
REC-2	Retain copies of completed forms as an appendix to this SWPPP or in a separate notebook if necessary. □ Existing BMP □ Existing BMP to be revised □ New BMP □ N/A

7.12 OTHER BMP'S

Other-1		
	_	Evistica DMD
		Existing BMP
		Existing BMP to be revised
		New BMP
		N/A
	Exp	ected BMP effectiveness:
Other-2		
		Existing BMP
		Existing BMP to be revised
		New BMP
		N/A
	Exp	ected BMP effectiveness:
Other-3		
		Existing BMP
		Existing BMP to be revised
		New BMP
		N/A
	Expected BMP effectiveness:	

Section 8.1 on the following pages addresses the State General Permit requirements for a summary of industrial activities which may create storm water pollution, the potential pollutants and their sources, and the BMP's to be implemented to control these sources (State General Permit Sections A.6.b., A.7.b., and A.8.).

The first four columns can be completed by referring back to the Section 6.0 worksheets describing potential storm water pollutants and their sources. The fifth column requires you to identify the BMP(s) selected for each activity and pollutant. Make extra copies of the worksheet if necessary.

8.1 SUMMARY OF POLLUTANTS, SOURCES, AND SELECTED BMP'S

Type of Industrial Activity	Facility Location(s) where Activity Occurs (also shown on site map)	Pollutant Sources	Potential Pollutants	Best Management Practices
		· · · · · · · · · · · · · · · · · · ·		
		· · · · · · · · · · · · · · · · · · ·		

The worksheet on the following page is an evaluation report to be used for performing annual comprehensive site evaluations at the facility. Annual submittal of this completed worksheet to the Regional Board is necessary to ensure compliance with the State General Permit Section A.9. Copies of each report must also be retained for at least five years.

ANNUAL COMPREHENSIVE SITE COMPLIANCE EVALUATION REPORT

Date of Evaluation:				
Evaluation Personnel:				
NECESSARY SWPPP REVISIONS REVISION IMPLEMENTATION SCHEDULE				
NON-COMPLIANCE INCIDENTS	CORRECTIVE ACTIONS TAKEN			
•	·			
COMPLIANCE RE	-CERTIFICATION			
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 the 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.				
Name				
Signature	Date			
Title				

SECTION TEN Definitions

Best Management Practice (BMP):

General term used for a variety of pollutant control measures, including both operational practices and physical structures. Best Management Practices can include source controls (controls that keep pollutants out of runoff) and treatment controls (controls that remove pollutants from runoff).

City of Stockton, Municipal Utilities Department The municipal agency responsible for implementing the storm water permit for the City of Stockton.

City Storm Drainage System Includes, but is not limited to, those facilities owned and operated by the City through which storm water may by conveyed to the waters of the United States, including flood control channels, any roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, man-made channels, or storm drains, and all conduits, pumping plants, collection facilities, and other appurtenances owned and operated by the City of Stockton for carrying, collecting, pumping, and/or disposing of storm water, surface water, ground water, roof water, and other unpolluted water, which are not part of a publicly owned treatment works as defined at 40 CFR 122.2.

Clean Water Act (CWA):

Enacted in 1977, the CWA gave EPA the authority to control point-source storm water discharges that convey pollutants to the waters of the United States. Congress amended the CWA in 1987 to create a new section devoted to storm water permitting. In accordance with the 1987 revisions, the EPA adopted regulations in 1990 that established requirements for National Pollutant Discharge Elimination System (NPDES) permits for discharge of storm water from industries and municipalities.

Environmental Protection Agency (EPA):

The federal agency with authority for enacting and enforcing many environmental laws.

Facility Manager:

The individual responsible for overseeing implementation of the SWPPP.

Good Housekeeping:

The act of maintaining clean, orderly facility areas to prevent potential pollutants from contacting storm water.

Herbicide:

A chemical substance used to kill unwanted plants (weeds).

SECTION TEN Definitions

Illicit Connection:

Any physical connection to a storm drain system which allows non-storm water or pollutants to enter Stockton's channels, basins, storm drains, or pumping stations. This includes, but is not limited to: (1) any connections that convey sewage, process wastewater, and wash water to the storm drain system, (2) all connections from indoor drains or sinks, and (3) all unapproved, undocumented drains from loading docks and hazardous materials handling areas directly connected to the storm drain system.

Illicit Discharge:

Any non-storm water flow either intentionally or inadvertently discharged to the City's storm drainage system. However, discharges specifically exempted pursuant to federal and state regulations, local ordinances, and discharges made pursuant to NPDES point source discharge permits, shall not be considered an illegal discharge. Also referred to as "illegal dumping."

Metals:

Elements such as mercury, lead, zinc, nickel, and cadmium that are of environmental concern because they can accumulate in the food chain and, in high enough concentrations, can be hazardous to the public's health and the environment.

Non-Point Source Pollution:

Pollution that comes from dispersed or poorly defined sources (such as the oil and grime on paved surfaces) rather than a single point (such as the discharge from an industrial pipe).

Non-Storm Water Discharge:

Any discharge to surface waters, to a storm drain, or to any other storm water drainage facility that is not composed entirely of storm water. Examples of typical non-storm water discharges include process wastewater, non-contact cooling waters, and sanitary wastewater.

National Pollutant Discharge Elimination System (NPDES): A permitting process established pursuant to the Clean Water Act that regulates the release of pollutants to waters of the United States.

Notice of Intent (NOI):

Located in Attachment 3 of the State General Permit, the NOI is the application form used to obtain the permit. The NOI indicates the facility's intent to comply with the terms of the permit.

Pesticide

A chemical or biological agent used to kill pests.

Point Source

Any discernable, confined, and discrete conveyance, including but not limited to, any pipe, ditch, channel, tunnel, conduit, well, discrete fissure, container collection system, vessel, or other floating craft from which pollutants are or may be discharged.

SECTION TEN Definitions

Publicly Owned Treatment Works (POTW):

Any device or system used to the treatment of municipal sewage or liquid industrial waste which is owned by the state or a municipality.

Regional Water Quality Control Board (Regional Board):

State agency responsible for administration and enforcement of the municipal and industrial NPDES storm water permits. In the Stockton area, the local Regional Board is the Central Valley Regional Water Ouality Control Board, Region 5.

Reportable Quantity (RQ):

An amount of material (usually hazardous material) that, when spilled on the ground or into a drainage system, must be reported to environmental regulatory authorities. Refer to the Code of Federal Regulations, Section 40, Parts 110.6, 117.3, and 302.4 for more information about Reportable Quantities.

Responsible Person:

The individual legally responsible for the implementation of the SWPPP and compliance with the storm water permit. Refer to Sections C.9 and C.10 of the State General Permit for further definition of the responsible person.

Sanitary Sewer System:

A network of pipelines carrying sewage to a wastewater treatment facility. Storm drains are separate pipeline systems and are not connected to sanitary sewers.

Sediment:

Finely divided solids usually derived from rocks, soil, or biological materials, which are carried and deposited by storm water.

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 the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA); any chemical the facility is required to report pursuant to Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA); hazardous wastes pursuant to 40 Code of Federal Regulations, California Health and Safety Code, Title 22, California Code of Regulations; materials regulated under Department of Transportation HM-181; pesticides; and waste products such as

ashes, slag, and sludge.

Significant Quantities:

The volume, concentration, or mass of a pollutant in storm water discharge that can cause or threaten to cause pollution, contamination, or nuisance; adversely impact human health or the environment; and cause or contribute to a violation of any applicable water quality standards for the receiving water.

SECTION TEN Definitions

Standard Industrial Classification Code (SIC Code):

Standardized four-digit numbers used by the government to identify each type of industrial activity. Your facility or corporate accounting department often can provide SIC codes, or they can be found in the SIC Manual located at a public library.

State General Permit:

The National Pollutant Discharge Elimination System General Permit for Storm Water Discharges Associated with Industrial Activities, issued by the State of California Water Resources Control Board.

Storm Water Runoff:

Surface runoff and drainage produced solely by rainfall events and snow melt.

Storm Water Discharge:

Storm water at the point where it runs off private property onto adjacent property, the street, canals, creeks, the river, or into the municipal storm drain system.

Storm Water Pollution Prevention Plan (SWPPP): In compliance with the State General Permit, the SWPPP is a document which identifies sources and activities at a particular facility that may contribute pollutants to storm water, and commits the operator to specific control measures and time frames to prevent or treat such pollutants.

Watershed:

A sloping area of land within which all surface water drains to a single point.



State Water Resources Control Board



Terry Tamminen
Secretary for
Environmental
Protection

Division of Water Quality

1001 I Street • Sacramento, California 95814 • (916) 341-5538

Mailing Address: P.O. Box 1977 • Sacramento, California • 95812-1977

FAX (916) 341-5543 • Internet Address: http://www.waterboards.ca.gov/stormwtr/index.html

To:	STORM WATER DISCHAI	RGER				
SUBJECT:	CHECKLIST FOR SUBMITTING A NOTICE OF INTENT					
		trol Board to expeditiously process your Notice of ubmitted to either of the addresses indicated below:				
1	NOI (please keep a copy for and original signature of the	your files) with all applicable sections completed facility operator;				
2	<u>Check</u> made out to the "State Water Resources Control Board" with the appropriate fee. The regular fee is \$830.00 (\$700 plus 18.5% surcharge).					
3	Site Map of the facility (see I	NOI instructions). DO NOT SEND BLUEPRINTS				
U.S. Postal S	Service Address	Overnight Mailing Address				
State Water 1	Resources Control Board	State Water Resources Control Board				
	Water Quality	Division Of Water Quality				
	Water Section	Attn: Storm Water, 15 th Floor				
P.O. Box 19'	77	1001 I Street				
Sacramento,	CA 95812-1977	Sacramento, CA 95814				

NOIs are processed in the order they are received. A NOI receipt letter will be mailed to the facility operator within approximately two weeks. Incomplete NOI submittals will be returned to the facility operator within the same timeframe and will specify the reason(s) for return. If you need a receipt letter by a specific date (for example, to provide to a local agency), we advise that you submit your NOI thirty (30) days prior to the date the receipt letter is needed.

Please do not call us to verify your NOI status. A copy of your NOI receipt letter will be available on our web page within twenty-four (24) hours of processing. Go to: http://www.waterboards.ca.gov/stormwtr/databases.html to retrieve an electronic copy of your NOI receipt letter. If you have any questions regarding this matter, please contact us at (916) 341-5538.

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NOTICE OF INTENT (NOI) INSTRUCTIONS

TO COMPLY WITH STATE WATER RESOURCES CONTROL BOARD
WATER QUALITY ORDER NO. 97-03-DWQ
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
GENERAL PERMIT NO. CASO00001

Who Must Submit

The facility operator must submit an NOI for each industrial facility that is required by U.S. Environmental Protection Agency (U.S.EPA) regulations to obtain a storm water permit. The required industrial facilities are listed in Attachment 1 of the General Permit and are also listed in 40 Code of Federal Regulations Section 122.26(b)(14).

The facility operator is typically the owner of the business or operation where the industrial activities requiring a storm water permit occur. The facility operator is responsible for all permit related activities at the facility.

Where operations have discontinued and significant materials remain on site (such as at closed landfills), the landowner may be responsible for filing an NOI and complying with this General Permit. Landowners may also file an NOI for a facility if the landowner, rather than the facility operator, is responsible for compliance with this General Permit.

How and Where to Apply

The completed NOI form, a site map, and appropriate fee must be mailed to the State Water Resources Control Board (State Water Board) at the following address:

State Water Resources Control Board Division of Water Quality P.O. Box 1977 Sacramento, CA 95812-1977 Attn: Storm Water Permitting Unit

Please Note: Do not send the original or copies of the NOI submittal to the Regional Water Quality Control Board (Regional Water Board). The original NOI will be forwarded to the Regional Water Board after processing.

Do not send a copy of your Storm Water Pollution Prevention Plan (SWPPP) with your NOI submittal. Your SWPPP is to be kept on site and made available for review upon request.

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When to Apply

Facility operators of existing facilities must file an NOI in accordance with these instructions by March 30, 1992. Facility

operators of new facilities (those beginning operations after March 30, 1992) must file an NOI in accordance with these instructions at least 14 days prior to the beginning of operations.

Once the completed NOI, site map, and appropriate fee have been submitted to the State Water Board, your NOI will be processed and you will be issued a receipt letter with a Waste Discharge Identification (WDID) Number. Please refer to this number when you contact either the State or Regional Water Boards.

Fees

The total annual fee is \$830. Checks should be made payable to:

Change of Information

If the information provided on the NOI or site map changes, you should report the changes to the State Water Board using an NOI form. Section I of the line-by-line instructions includes information regarding changes to the NOI.

Questions

If you have any questions completing the NOI, please call the appropriate Regional Water Board (Attachment 2) or the State Water Board at (916) 341-5538.

NOI LINE-BY-LINE INSTRUCTIONS

Please type or print your responses on the NOI. Please complete the NOI form in its entirety and sign the certification.

Section I--NOI STATUS

Check box "A" if this is a new NOI registration.

Check box "B" if you are reporting changes to the NOI (e.g., new contact person, phone number, mailing address). Include the facility WDID #. Highlight all the information that has been changed.

Please note that a change of information **does not** apply to a change of <u>facility operator</u> or a change in the <u>location</u> of the facility. These changes require a Notice of Termination (NOT) and submittal of a new NOI and annual fee. Contact the State Water Board or Regional Water Boards for more information on the NOT Form and instructions.

Regardless of whether you are submitting a new or revised NOI, you must complete the NOI in its <u>entirety</u> and the NOI must be signed.

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Section II -- Facility Operator Information

Part A: The facility operator is the legal entity that is responsible for all permit related compliance activities at the facility. In most cases, the facility operator is the owner of the business or operation where the industrial activity occurs. Give the legal name and the address of the person, firm, public organization, or any other entity that is responsible for complying with the General Permit.

Part B: Check the box that indicates the type of operation.

Section III--Facility Site Information

Part A: Enter the facility's official or legal name and provide the address. Facilities that do not have a street address must provide cross-streets or parcel numbers. Do not include a P.O. Box address in Part A.

Part B: Enter the mailing address of the facility if different than Part A. This address may be a P.O. Box.

The contact person should be the plant or site manager who is familiar with the facility and responsible for overseeing compliance of the General Permit requirements.

- Part C: Enter the total size of the facility in either acres or square feet. Also include the percentage of the site that is impervious (areas that water cannot soak into the ground, such as concrete, asphalt, and rooftops).
- Part D: Determine the Standard Industrial Classification (SIC) code which best identifies the industrial activity that is taking place at the facility. information can be obtained by referring to the Standard Industrial Classification Manual prepared by the Federal Office of Management and Budget which is available at public libraries. The code you determine should identify the industrial activity that requires you to submit the NOI. (For example, if the business is high school education and the activity is school bus maintenance, the code you choose would be bus maintenance, not education.) Most facilities have only one code; however, additional spaces are provided for those facilities that have more than one activity.
- Part E: Identify the title of the industrial activity that requires you to submit the NOI (e.g., the title of SIC Code 2421 is Sawmills and Planing Mills, General). If you cannot identify the title, provide a description of the regulated activity(s).

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Section IV--Address for Correspondence

Correspondence relative to the permit will be mailed occasionally. Check the box which indicates where you would like such correspondence delivered. If you want correspondence sent to another contact person or address different than indicated in Section II or Section III then include the information on an extra sheet of paper.

Section V--Billing Address Information

To continue coverage under the General Permit, the annual fee must be paid. Use this section to indicate where the annual fee invoices should be mailed. Enter the billing address if different than the address given in Sections II or III.

Section VI--Receiving Water Information

Provide the name of the receiving water where storm water discharge flows from your facility. A description of each option is included below.

- 1. Directly to waters of the United States: Storm water discharges directly from the facility to a river, creek, lake, ocean, etc. Enter the name of the receiving water (e.g., Boulder Creek).
- Indirectly to waters of the United States: Storm water discharges over adjacent properties or right-of-ways prior to discharging to waters of the United States. Enter the name of the closest receiving water (e.g., Clear Creek).

Section VII--Implementation of Permit Requirements

Parts A and B: Check the boxes that best describe the status

of the Storm Water Pollution Prevention Plan

(SWPPP) and the Monitoring Program.

Part C: Check yes or no to questions 1 through 4. If

you answer no to any question, you need to assign a person to these tasks immediately.

As a permit holder you are required to have an SWPPP and Monitoring Program in place prior to the beginning of facility operations. Failure to do so is in direct violation of the General Permit. Do not send a copy of your SWPPP with your NOI submittal.

Please refer to Sections A and B of the General Permit for additional information regarding the SWPPP and Monitoring Program.

Section VIII -- Site Map

Provide a "to scale" drawing of the facility and its immediate surroundings. Include as much detail about the site as possible. At a minimum, indicate buildings, material handling and storage areas, roads, names of adjacent streets, storm water discharge points, sample collection points, and a north arrow. Whenever

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possible limit the map to a standard size sheet of paper $(8.5" \times 11" \text{ or } 11" \times 17")$. Do not send blueprints unless you are sending one page and it meets the size limits as defined above.

A location map may also be included, especially in cases where the facility is difficult to find, but are <u>not to be submitted as a substitute for the site map</u>. The location map can be created from local street maps and U.S. Geological Survey (USGS) quadrangle maps, etc.

A revised site map must be submitted whenever there is a significant change in the facility layout (e.g., new building, change in storage locations, boundary change, etc.).

Section IX--Certification

This section should be read by the facility operator. The certification provides assurances that the NOI and site map were completed by the facility operator in an accurate and complete fashion and with the knowledge that penalties exist for providing false information. It also requires the Responsible Party to certify that the provisions in the General Permit will be complied with.

The NOI must be signed by:

For a Corporation: a responsible corporate officer (or authorized individual).

For a Partnership or Sole Proprietorship: a general partner or the proprietor, respectively.

For a Municipality, State, or other non-Federal Public Agency: either a principal executive officer or ranking elected official.

For a Federal Agency: either the chief or senior executive officer of the agency.

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NOTICE OF INTENT

TO COMPLY WITH THE TERMS OF THE
GENERAL PERMIT TO DISCHARGE STORM WATER
ASSOCIATED WITH INDUSTRIAL ACTIVITY (WQ ORDER No. 97-03-DWQ)
(Excluding Construction Activities)

A. [] New Permittee B. [] Change of Information WDID #								
A. NAME:								
Mailing Address:	SECTION II. FACILITY OPERATOR INFORMATION (See instructions)							
City: State: Zip Code:								
Contact Person:								
B. OPERATOR TYPE: (check one) 1.[] Private 2.[] City 3.[] County 4.[] State 5.[] Federal 6.[] Special District 7.[] Gov. Combo SECTION III. FACILITY SITE INFORMATION A. FACILITY NAME								
(check one) 1.[] Private 2.[] City 3.[] County 4.[] State 5.[] Federal 6.[] Special District 7.[] Gov. Combo SECTION III. FACILITY SITE INFORMATION A. FACILITY NAME								
A. FACILITY NAME								
[1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1								
City:	<u></u>							
B. MAILING ADDRESS:	~·•							
City: State: Zip Code: 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1								
Contact Person:								
C. FACILITY INFORMATION (check one) Total Size of Site: Acres Sq. Ft. Percent of Site Impervious (including rooftops) [] [] []	1							
D. SIC CODE(S) OF REGULATED ACTIVITY: E. REGULATED ACTIVITY (describe each SIC code):								
1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1								
2. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1								
3. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ļ							
FOR STATE USE ONLY:								

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SECTION IV. ADDRESS FOR CORRESPONDENCE	
I_I Facility Operator Mailing Address (Section II) I_I Facility Mailing Addres	s (Section III, B.) I_I Both
SECTION V. BILLING ADDRESS INFORMATION	·
SEND BILL TO: []Facility Operator Mailing Address (Section II) []Facility Mailing	ng Address (Section III, B.) []Other (enter information below)
Name:	Phone:
Mailing Address:	
City:	State: Zip Code:1
Contact Person:	_1
SECTION VI. RECEIVING WATER INFORMATION	
Your facility's storm water discharges flow: (check one) [] Directly OR	[] Indirectly to waters of the United States.
Name of receiving water:	111111
SECTION VII. IMPLEMENTATION OF PERMIT REQUIREMENTS	
A. STORM WATER POLLUTION PREVENTION PLAN (SWPPP) (check one) [] A SWPPP has been prepared for this facility and is available for review. [] A SWPPP will be prepared and ready for review by (enter date):/	
B. MONITORING PROGRAM (check one) [] A Monitoring Program has been prepared for this facility and is available for review. [] A Monitoring Program will be prepared and ready for review by (enter date):/	J
C. PERMIT COMPLIANCE RESPONSIBILITY Has a person been assigned responsibility for: 1. Inspecting the facility throughout the year to identify any potential pollution problem 2. Collecting storm water samples and having them analyzed?	YESNOYESNO
For State Use only.	
SECTION VIII. SITE MAP	
I HAVE ENCLOSED A SITE MAP YES[] A new NOI submitted without	a site map will be rejected.
SECTION IX. CERTIFICATION	
"I certify under penalty of law that this document and all attachments were prepared under assure that qualified personnel property gather and evaluate the information submitted. Be those persons directly responsible for gathering the information, the information submitted I am aware that there are significant penalties for submitting false information, including the provisions of the permit, including the development and implementation of a Storm Water complied with."	ased on my inquiry of the person or persons who manage the system, or is, to the best of my knowledge and belief, true, accurate and complete the possibility of fine and imprisonment. In addition, I certify that the
Printed Name:	
Signature:	Date
Title:	<u></u>

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