

WE TAKE THE *STRESS* OUT OF COMPLIANCE



WHAT IS A SWPPP?

A Storm Water Pollution Prevention Plan (SWPPP) is a site-specific document that identifies industrial operations and pollution control practices that are being implemented, to prevent and minimize pollutants from reaching storm water runoff. The SWPPP is required by Storm Water Permits pursuant to local permitting authority's adopted NPDES program.

DO I NEED ONE?

If your business is defined as Industrial, and your facility operations contribute to storm water runoff, you are required to apply for California's Industrial General Permit. A SWPPP is required for an Industrial General Permit holder to discharge storm water. Dischargers that qualify for a Non Exposure Certification (NEC) are exempt from the SWPPP requirements.

WHEN DO I NEED TO COMPLETE A SWPPP?

The SWPPP should be prepared before submitting a Notice of Intent (NOI) or General Permit application. The SWPPP should be implemented by the start of industrial operations.

HOW DO I SUBMIT OR REVISE A SWPPP?

In California, the SWPPP is required to be submitted electronically through SMARTS (Stormwater Multiple Application and Report Tracking System). SWPPPs should be revised whenever it is necessary. The SWPPP is considered a living document and must be updated to reflect any changes in industrial operations and pollution prevention practices. The SWPPP also requires an Annual Comprehensive Facility Compliance Evaluation.

WHO SUBMITS THE SWPPP?

Within the SMARTS program, Dischargers are required to certify and submit Permit Registration Documents. The Discharger must assign a LRP (Legally Responsible Person), who is required to submit documents related to permit coverage via SMARTS. SWPPPs are submitted and certified by the LRP for NOI coverage.

WHAT DOES FROG DO?

Frog handles everything from start to finish! We start by performing a site walk where we evaluate your industrial facility, assess your potential pollutants sources, and recommend Best Management Practices (BMPs) to reduce pollutants in your stormwater run-off. Then, we develop your SWPPP, which includes storm water outfalls and sampling points, as well as a facility diagram, a potential pollutant diagram and a monitoring diagram. Our writers can also update your existing SWPPP to bring your facility into compliance, if needed. SWPPP development can be part of Frog's annual monitoring contract, or it can be a stand-alone service.

STORM WATER POLLUTION PREVENTION PLAN CHECKLIST

What **must** be included in your SWPPP?

Signed Certification

Pollution Prevention Team

Facility Site Map(s)

- | | | |
|---|--|--|
| <input type="checkbox"/> Facility boundaries | <input type="checkbox"/> Drainage areas | <input type="checkbox"/> Direction of flow |
| <input type="checkbox"/> On-site water bodies | <input type="checkbox"/> Areas of soil erosion | <input type="checkbox"/> Nearby water bodies |
| <input type="checkbox"/> Municipal storm drain inlets | <input type="checkbox"/> Points of discharge | <input type="checkbox"/> Structural control measures |
| <input type="checkbox"/> Impervious areas (paved/covered/roofed areas, buildings) | <input type="checkbox"/> Fueling areas | |
| <input type="checkbox"/> Location of directly exposed materials | <input type="checkbox"/> Locations of significant spills/leaks | |
| <input type="checkbox"/> Dust generation/Particulate generation | <input type="checkbox"/> Shipping/receiving areas | <input type="checkbox"/> Storage areas/Storage tanks |
| <input type="checkbox"/> Material handling/processing | <input type="checkbox"/> Waste treatment/disposal | |
| <input type="checkbox"/> Vehicle/equipment storage & maintenance | | |

List of Significant Materials (For each material listed)

- | | | |
|--|---|--|
| <input type="checkbox"/> Receiving and shipping location | <input type="checkbox"/> Storage location | <input type="checkbox"/> Handling location |
| <input type="checkbox"/> Quantity | <input type="checkbox"/> Frequency | |

Description of Potential Pollution Sources

- | | | |
|---|--|---------------------------------------|
| <input type="checkbox"/> Industrial processes | <input type="checkbox"/> Significant spills and leaks | <input type="checkbox"/> Soil erosion |
| <input type="checkbox"/> Non-storm water discharges | <input type="checkbox"/> Material handling and storage areas | |
| <input type="checkbox"/> Dust and particulate generating activities | | |

Assessment of Potential Pollutant Sources

- | | |
|---|--|
| <input type="checkbox"/> Areas likely to be sources of pollutants | <input type="checkbox"/> Pollutants likely to be present |
|---|--|

Stormwater Best Management Practices

- | | | |
|--|---|---|
| <input type="checkbox"/> Existing BMPs | <input type="checkbox"/> Existing/New BMPs to be revised and/or implemented | |
| <input type="checkbox"/> Non-structural BMPs (Minimum) | | |
| <input type="checkbox"/> <i>Good housekeeping</i> | <input type="checkbox"/> <i>Preventative maintenance</i> | <input type="checkbox"/> <i>Spill response</i> |
| <input type="checkbox"/> <i>Employee training</i> | <input type="checkbox"/> <i>Material handling and storage</i> | <input type="checkbox"/> <i>Inspections</i> |
| <input type="checkbox"/> <i>Waste handling/recycling</i> | <input type="checkbox"/> <i>Recordkeeping and internal reporting</i> | |
| <input type="checkbox"/> <i>Quality assurance</i> | <input type="checkbox"/> <i>Erosion control and site stabilization</i> | |
| <input type="checkbox"/> Structural BMPs (Advanced) | | |
| <input type="checkbox"/> <i>Overhead coverage</i> | <input type="checkbox"/> <i>Retention ponds</i> | <input type="checkbox"/> <i>Control devices</i> |
| <input type="checkbox"/> <i>Treatment</i> | <input type="checkbox"/> <i>Secondary containment structures</i> | |

Annual Comprehensive Site Compliance Evaluation

- | | |
|--|---|
| <input type="checkbox"/> Review of visual observations, inspections, and sampling analysis | <input type="checkbox"/> Evaluation report |
| <input type="checkbox"/> Review and evaluation of BMPs | <input type="checkbox"/> Visual inspection of potential pollution sources |

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MONITORING PROGRAM

CHECKLIST

What **must** be completed during the year?

Quarterly Non-Storm Water Discharge Visual Observations

- Observations to be conducted (Jan-March, April-June, July-September, October-December)
- All Drainage areas
- Look for presence of unauthorized NSWDS
- Observe authorized NSWDS
- Maintain observation records

Storm Water Discharge Visual Observations

- Once per month during wet season (October 1 - May 31)
- Observe during first hour of discharge
- All drainage areas
- Observe stored/contained storm water at time of discharge
- Preceded by three working days dry weather
- Document discharge characteristics

Sampling and Analysis

- Samples to be collected during first hour of discharge
- Sample from first storm of the wet season
- Sample from one additional storm during wet season
- Samples collected from all discharge locations
- Sampling of contained storm water at time of discharge
- Sampling for pH, TSS, SC, TOC or O&G
- Sampling preceded by at least three working days without storm water discharges
- Sample for toxic chemicals/other pollutants likely present in storm water discharges in significant quantities
- Storm Water Effluent Limitation Guidelines parameters
- Description of sampling locations
- Description of sampling methods
- Identification of analytical methods and method detection limits
- Retention of all records for at least five years
- Annual Report to be submitted by July 1 each year

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