



NEW CALIFORNIA INDUSTRIAL STORMWATER PERMIT

Presented by



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INTRO

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OVERVIEW

- ✓ Applicability/**exemptions**
- ✓ **Sampling** requirements
- ✓ **Inspection** schedule
- ✓ **Site map** preparation
- ✓ **SWPPP** development
- ✓ New **dischargers**
- ✓ **Receiving waters**
- ✓ Questions



TIMELINE

- ✓ Adopted April 2014
- ✓ Starts July 1, 2015
- ✓ File Notice of Intent (NOI) by July 1st
 - Updated SWPPP and site map
- ✓ File No Exposure Certification (NEC) by October 1st
 - site map
- ✓ File online via SMARTS
- ✓ Annual report due July 15, 2016

APPLICABILITY

- ✓ Based on 9 categories
 - Facilities w/ subchapter N effluent standards (refineries/fertilizer manufacturing)
 - Manufacturing facilities
 - Oil & gas/mining facilities
 - Hazardous waste treatment sites
 - Landfills
 - Recycling facilities
 - Electric power plants
 - Transportation companies
 - Sewage treatment plants

- ✓ SIC codes in Attachment A



EXEMPTIONS

A large, bold, green number '2' is positioned on the left side of the slide, serving as a visual indicator for the second section of exemptions.

OPTIONS AVAILABLE

- ✓ No Exposure Certification (NEC)
- ✓ Notice of Non-Applicability (NONA)



NOTICE OF NON-APPLICABILITY (NONA)

Technical report needed

- ✓ contain maximum historical rain event
- ✓ no discharge (groundwater or waters of US)
- ✓ prepared by a PE

NO EXPOSURE CERTIFICATION (NEC)

- ✓ No exposure of industrial activities
- ✓ Checklist with 11 requirements
- ✓ Still need a **site map**





BEST MANAGEMENT PRACTICES (BMPs)

New Permit

- ✓ More prescriptive
- ✓ Minimum BMPs
- ✓ Common at most sites
- ✓ Extent feasible
- ✓ Mostly non-structural

MINIMUM BMPs

- ✓ Good housekeeping
- ✓ Preventative maintenance
- ✓ Spill and leak prevention and response
- ✓ Materials handling and waste management
- ✓ Erosion and sediment controls
- ✓ Employee training
- ✓ Quality assurance and recordkeeping

EXAMPLE: PREVENTATIVE MAINTENANCE

OLD PERMIT

Preventive maintenance includes the regular inspection and maintenance of structural storm water as well as other facility equipment and systems controls (catch basins, oil/water separators, etc.)

Section A.8.a.ii (page 19)

NEW PERMIT

The Discharger shall:

- i. Identify all equipment and systems used outdoors that may spill or leak pollutants;
- ii. Observe the identified equipment and systems to detect leaks, or identify conditions that may result in the development of leaks;
- iii. Establish an appropriate schedule for maintenance of identified equipment and systems; and,
- iv. Establish procedures for prompt maintenance and repair of equipment, and maintenance of systems when conditions exist that may result in the development of spills or leaks.

Section X.H.1.b (page 31)

IN PLAIN ENGLISH

Preventative Maintenance

- ✓ Identify the equipment that may leak (aka an inventory)
- ✓ Inspect it
- ✓ Have a PM schedule
- ✓ Fix it when it leaks



ADVANCED BMPs

Some options:

- ✓ Minimize exposure (e.g. coverage)
- ✓ Treatment
- ✓ Containment

Design storm events



SAMPLING REQUIREMENTS

- ✓ Qualified Storm Event (QSE)
- ✓ Sample 2 QSEs
 - January to June
 - July to December
- ✓ Each drainage area

4
Samples/Year

QUALIFIED STORM EVENT (QSE)

- ✓ 48-hour dry period
(old permit 72-hour)
- ✓ Produces discharge
- ✓ Sample within 4 hours
(old permit 1 hour)





ANALYSES

- ✓ **Minimum** analyses
 - O&G,
 - TSS, and
 - pH
- ✓ **Additional** parameters based on SIC code

NUMERIC ACTION LEVELS (NALs)

- ✓ Exceedance for 1 parameter possible
- ✓ Average annual NAL
 - all sampling results for the reporting year
- ✓ Instantaneous maximum NAL
 - two+ sampling results in reporting year

EXCEEDANCE? *NOW WHAT?*

- Baseline to Exceedance Response Action (ERA) Level 1
- Evaluate & revise BMPs
- At end of reporting year





INSPECTION REQUIREMENTS

- ✓ **Monthly** inspections
 - Non-stormwater discharges
 - BMPs
 - Materials
- ✓ **During** sampling events

the **SWPPP**

backbone of stormwater
management

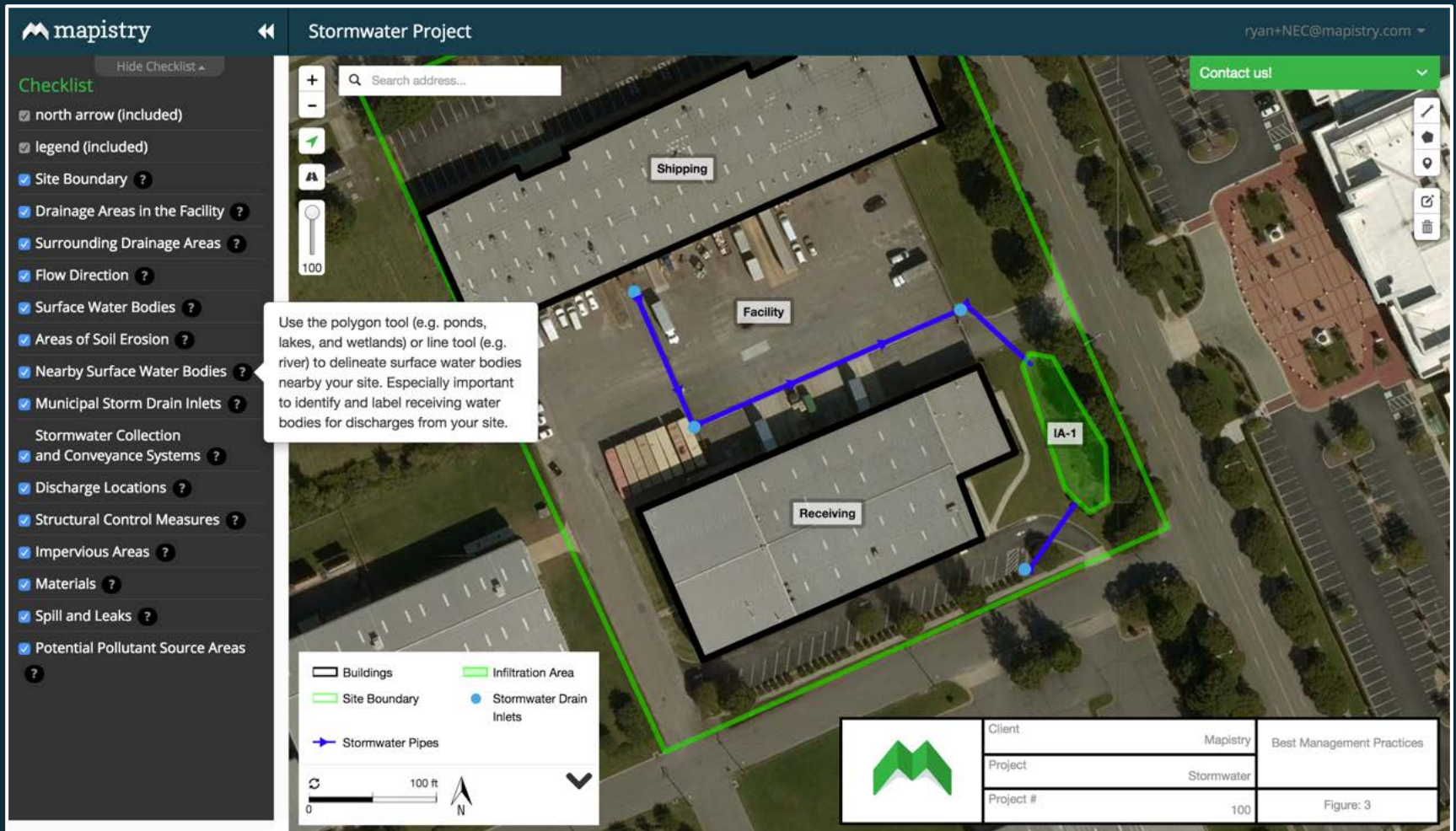
- ✓ **How**
- ✓ **Who**
- ✓ **When**
- ✓ **Where**
- ✓ **What**



REQUIREMENTS

- ✓ Site map
- ✓ Facility name and contact information
- ✓ List of industrial materials
- ✓ Description of potential pollutant sources
- ✓ Assessment of potential pollutant sources
- ✓ Minimum BMPs
- ✓ Advanced BMPs (if applicable)
- ✓ Monitoring implementation plan
- ✓ Annual evaluation
- ✓ SWPPP preparation and amendment dates


SITE MAP



SWPPP SECTIONS

- ✓ Facility basics
- ✓ SWPPP team
- ✓ Facility location, drainage areas, and operations
- ✓ BMPs
- ✓ Potential pollutant sources
- ✓ Monitoring

SWPPP BUILDER

mapistry

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Contact us!

Facility Information

* Indicates required field

Facility Name * ?
This is a required field.

Facility Street Address *
This is a required field.

Facility City *
This is a required field.

Facility Zip Code *
This is a required field.

Facility Area (acres) * ?
 refresh with value from map

SIC Code * ?
 This field must contain a number.

Waste Discharge Identification (WDID) Number ?

SWPPP Preparer Name *

KEYS TO COMPLIANCE

- ✓ Reduced exposure
- ✓ Pro-active not reactive
- ✓ Find the source
- ✓ Stay organized!

KISS

Water Board

Perspective & Overview

Laurel Warddrip

QUESTIONS?



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