

Industrial Storm Water 2024-25 Annual Training

SAN DIEGO COUNTY OFFICE OF EDUCATION
SEPTEMBER 19, 2024



Welcome

Training Sign-in sheet and Certificates:

<https://form.jotform.com/242606200661143>

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SDCOE
STORMWATER
CONSORTIUM



san diego county office of
EDUCATION
FUTURE WITHOUT BOUNDARIES

Agenda

Intro to Storm Water

Industrial General Permit Overview

- Industrial Pollutants
- SMARTS
- Compliance Risks

Industrial General Permit Implementation

- Minimum and Advanced BMPs
- Inspections
- Monitoring

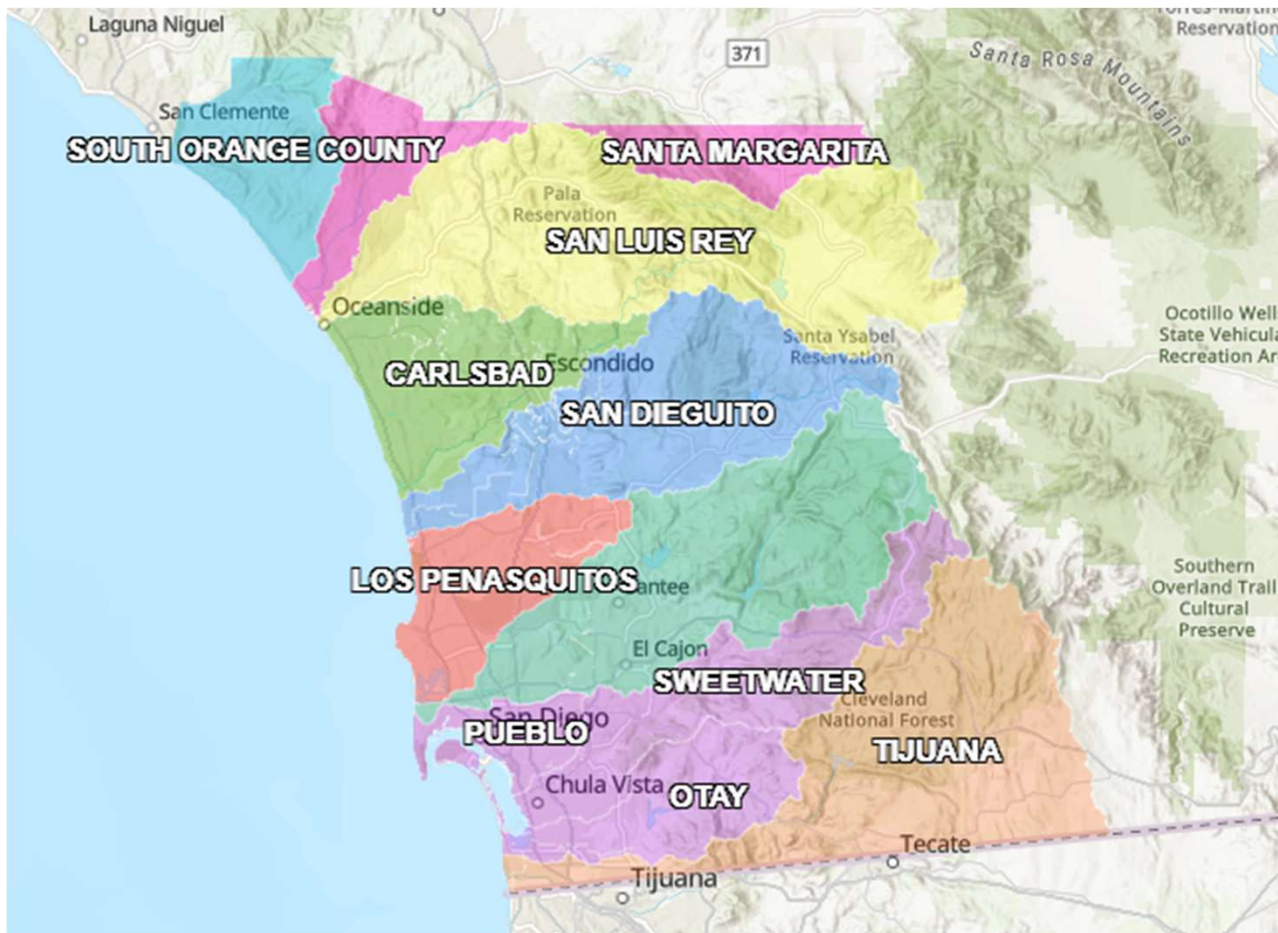
Compliance Group Updates

- SWPPP Updates
- No Exposure Certification
- Current Events

Intro to Storm Water

Intro to Storm Water

<https://projectcleanwater.org/watersheds/>



A Watershed



Intro to Storm Water

- Watersheds are managed by all municipalities who share jurisdiction
- They have worked together to develop Water Quality Improvement Plans, listing specific efforts to reach water quality goals
- Individual waterbodies (e.g., stream, lake, lagoon) have specific goals based on their **beneficial uses**, detailed in the SD Basin Plan

Inland Surface Waters ^{1,2}	Hydrologic Unit Basin Number	Municipal and Domestic Supply	Agricultural Supply	Industrial Service Supply	Industrial Process Supply	Ground Water Recharge	Freshwater Replenishment	Hydropower Generation	Contact Water Recreation	Non-contact Water Recreation	Preservation of Biological Habitats of Special Significance	Warm Freshwater Habitat	Cold Freshwater Habitat	Wildlife Habitat	Rare, Threatened, or Endangered Species	Spawning, Reproduction, and/or Early Development
Moonlight Creek	4.51	X	Y						Y	Y		Y		Y		
San Marcos Creek Watershed																
<i>Batiquitos Lagoon⁴</i>	4.51															
San Marcos Creek	4.52	X	Y						Y	Y		Y		Y		
unnamed intermittent streams	4.53	X	Y						Y	Y		Y		Y		
San Marcos Creek	4.51	X	Y						Y	Y		Y		Y		
Encinitas Creek	4.51	X	Y						Y	Y		Y		Y		

Intro to Storm Water

Beneficial uses include:

- Contact/Non-contact Recreation
- Municipal, Agricultural, Industrial Supply
- Habitat (Marine, estuarine, endangered species, wildlife, etc.)
- Migration
- Spawning
- Navigation
- Hydropower
- Commercial and Sport Fishing
- Aquaculture, Shellfish Harvesting



Intro to Storm Water

Regulations (including the IGP) are intended to protect the **beneficial uses** of all waters of the United States

To continue using waters in the ways we want to, pollutants need to remain below a specified level

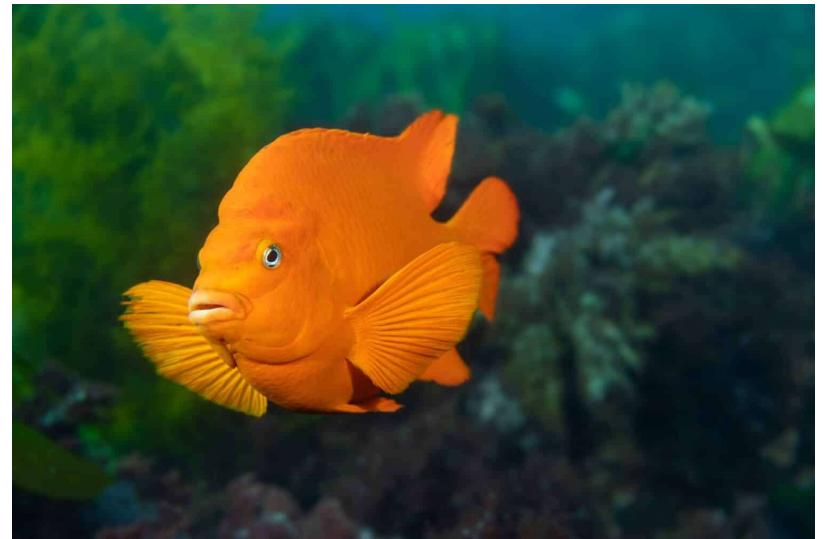


Intro to Storm Water

For example, to use a waterway for recreation or as a drinking water source, bacteria levels need to stay low enough not to make people sick



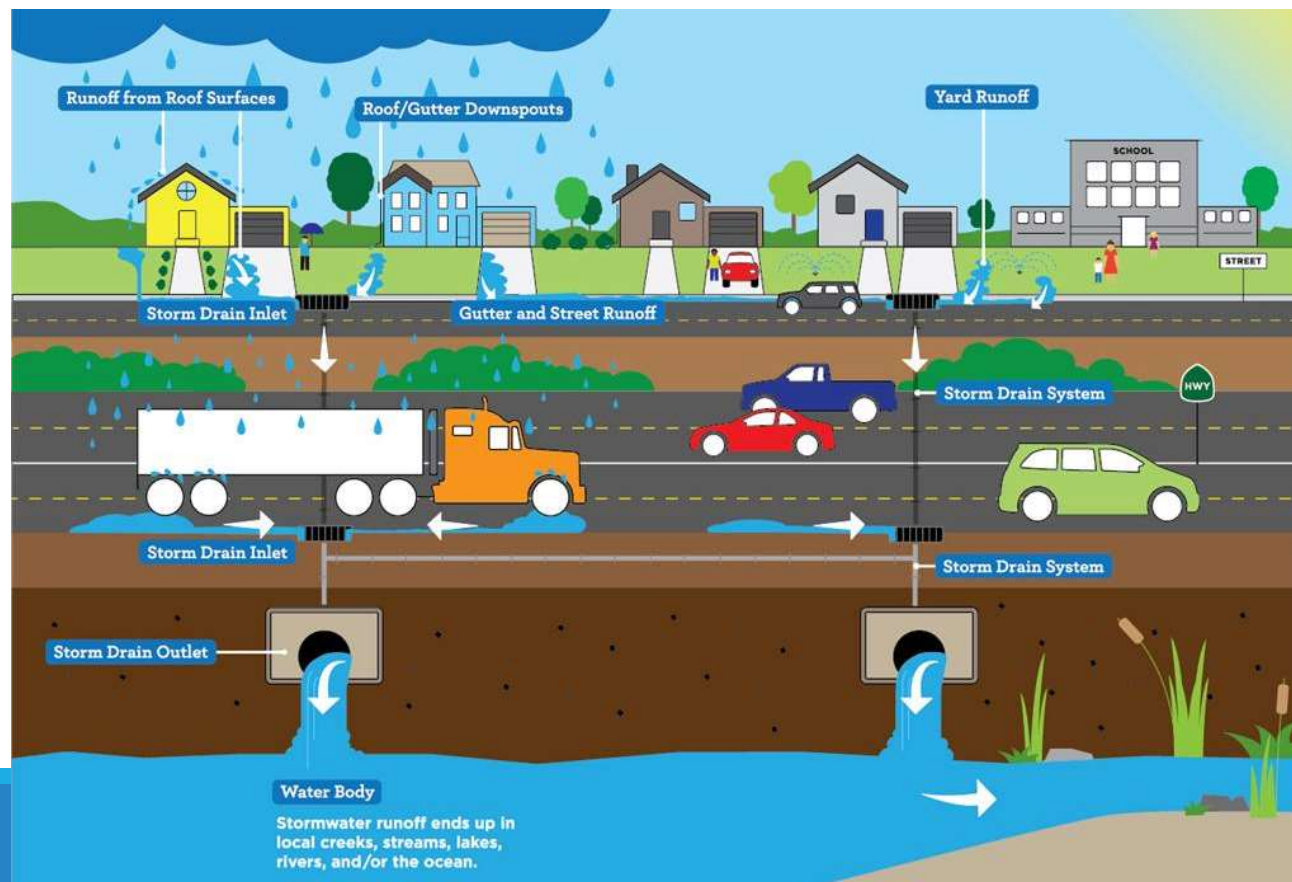
Or to use a waterway for aquatic species habitat, dirt and heavy metal levels need to stay low enough that species can survive and thrive



Intro to Storm Water

Runoff to the storm drain system does not receive treatment prior to discharge

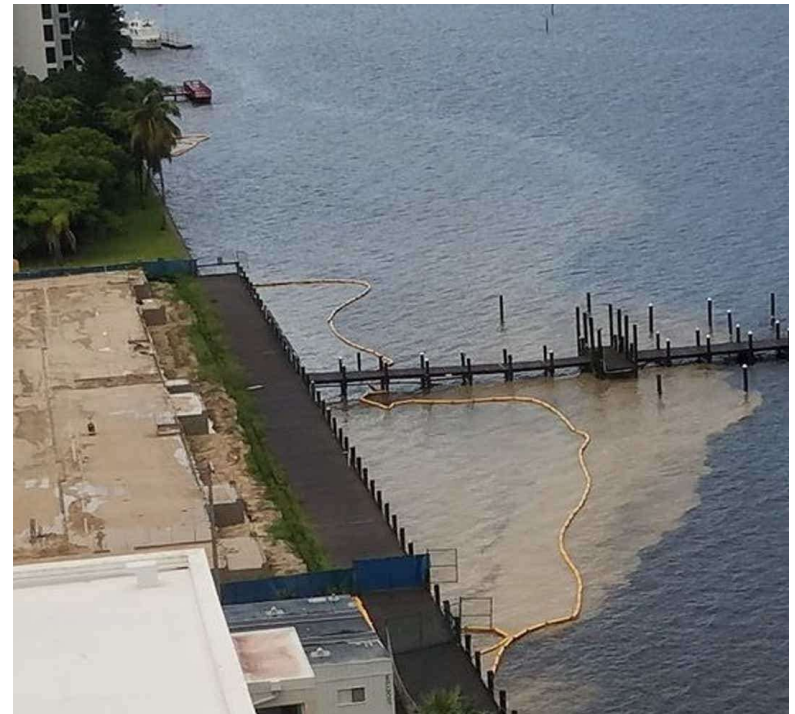
ONLY clean rain water is permitted to enter the storm drain system, with few exceptions



Intro to Storm Water

Pollutants that have negative effects on beneficial uses (and therefore must be prevented from entering waterbodies) include:

- Bacteria (food waste, decomposing organic waste, fecal material)
- Organic wastes (leaves, grass)
- Trash (solid waste)
- Dirt
- Heavy Metals
- Oils
- Soaps



Intro to Storm Water

Pollutants associated with general/municipal activities (residential, commercial, municipal operations, etc.) are regulated by Municipal General Permits (Region-specific)

Pollutants associated with construction activities are regulated by the Construction General Permit (Statewide)

Pollutants associated with industrial activities are regulated by the **Industrial General Permit** (Statewide)

- Transportation with maintenance, fueling, or washing



IGP Overview

INDUSTRIAL POLLUTANTS

SMARTS

COMPLIANCE RISKS

Industrial Pollutants

Pollutants associated with industrial activities and addressed by the IGP:

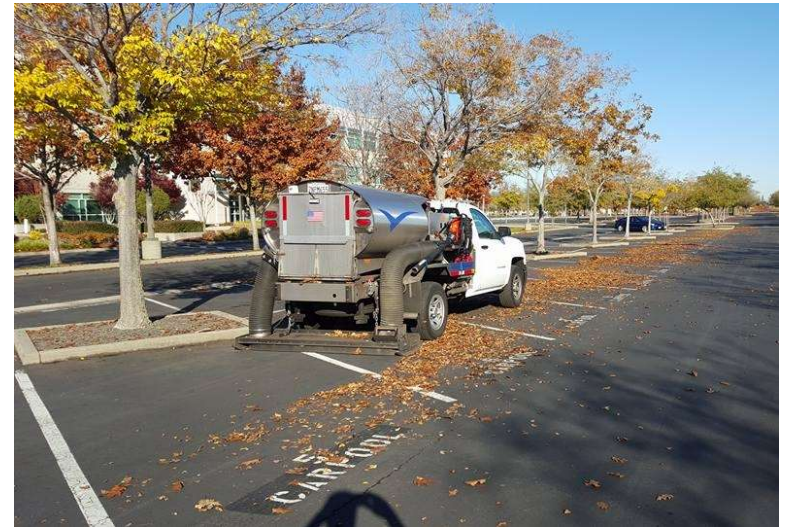
- pH (all IGP permittees)
- Total Suspended Solids (all IGP permittees)
- Oil & Grease (all IGP permittees)
- Heavy Metals (pollutant source assessment)
 - Cadmium (batteries, engine components)
 - Copper (brakes, engine components)
 - Zinc (galvanized tires and other materials)
- Deisel (fueling locations only)



Industrial Pollutants

How are pollutants controlled/minimized?

- Best Management Practices
 - Good Housekeeping
 - Preventative Maintenance
 - Spill and Leak Prevention and Response
 - Material Handling and Waste Management
 - Erosion and Sediment Control
 - Employee Training Program
 - Quality Assurance and Record Keeping
- Monthly and Annual Inspections
- Discharge Monitoring
 - QSE Sampling and Observations
 - Numeric Action Levels
 - Compliance and Enforcement



SMARTS

SMARTS Audit:

Legally Responsible Person (LRP)

“For a municipality, state, federal, or other public agency: by either a principal executive officer or ranking elected official.”

Duly Authorized Representative (DAR)

“... has responsibility for the overall operation of the regulated facility or activity, such as a person that is a manager, operator, superintendent, or another position of equivalent responsibility, or is an individual who has overall responsibility for environmental matters for the company.”

Compliance Risks

What are the primary compliance risks?

Administrative items:

- Timely Certification in SMARTS by LRP or DAR
 - QSE ad-hoc reports (due within 30 days of receipt from lab)
 - Annual Reports (due July 15)
 - ERA Reports (Due January 1)
 - Change-of-Information (COI), i.e. SWPPP or map updates, etc.

Action level exceedances ≠ non-compliance

Failure to complete requirements on time = non-compliance

Compliance Risks

How can we reduce compliance risks?

Ensure LRP(s) and DAR(s) are current in SMARTS

- ID, password, security questions are all saved
- E-Signature on file
- Available and responsive when certification is needed
 - Back-up LRP/DAR ready to respond



IGP Implementation

MINIMUM & ADVANCED BMPS

INSPECTIONS

MONITORING

SMARTS TUTORIAL

A solid blue horizontal bar at the bottom of the slide.

Minimum BMPs



Good Housekeeping



Preventative Maintenance



Spill and Leak Prevention and Response



Material Handling and Waste Management



Erosion and Sediment Controls

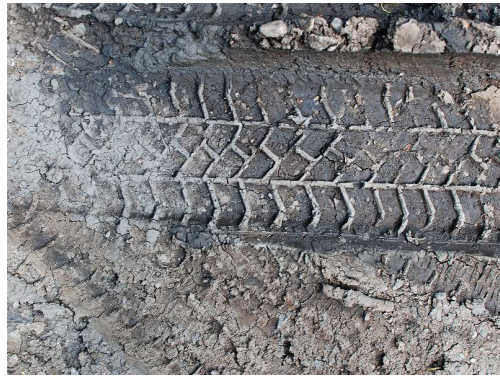


Employee Training Program



Quality Assurance and Record Keeping

Good Housekeeping



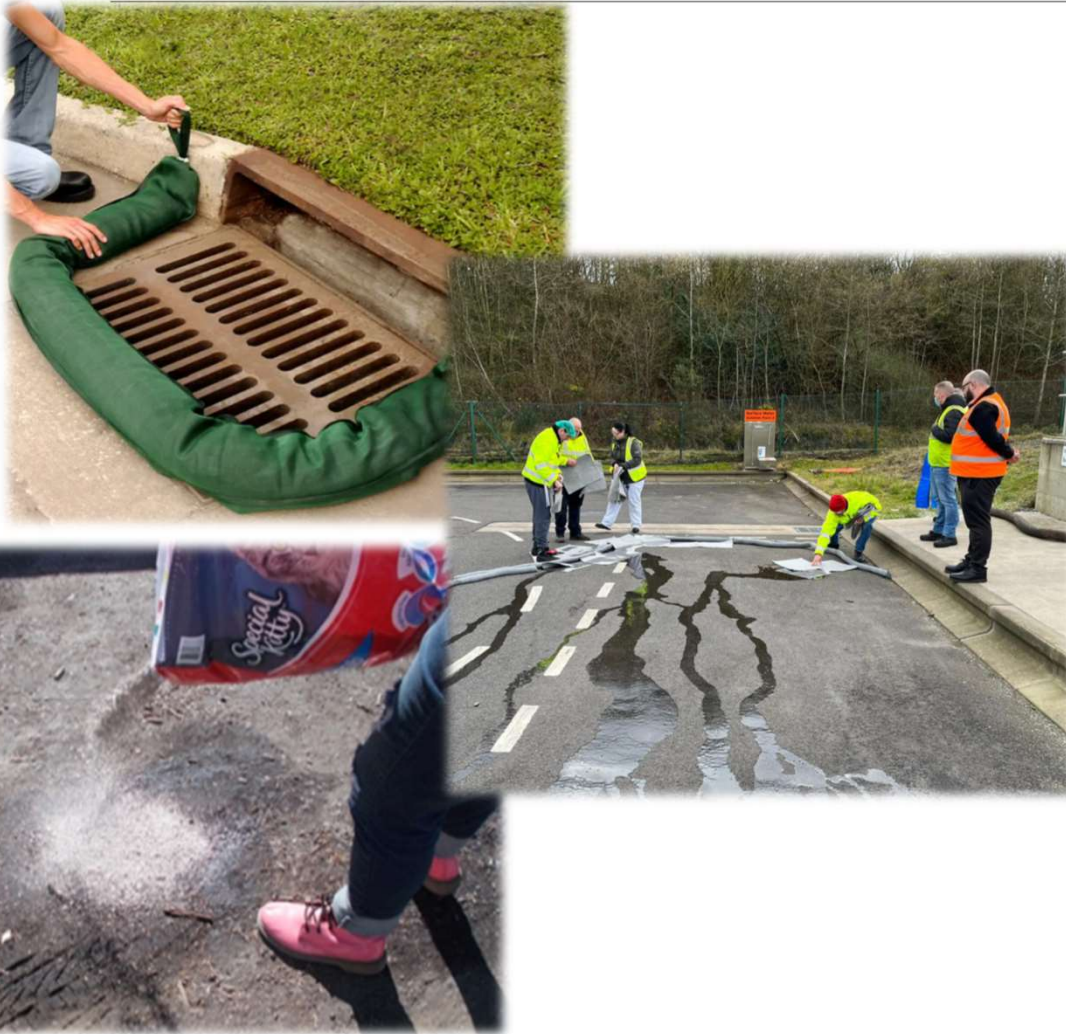
- Sweep/clean regularly
- Prevent material tracking
- Minimize dust
 - Vacuum or collect rather than blow
- Clean up after rinsing/washing
- Prevent discharge of any rinse/wash waters or industrial materials
- Minimize storm water flow through industrial areas

Preventative Maintenance



- Identify all equipment and systems used outdoors that may spill or leak
 - Vehicles
 - Fuel pumps
 - Hydraulic lifts
- Establish procedures and schedule for inspection, maintenance and repair
 - Driver-reporting loop
 - Observations during inspections

Spill and Leak Prevention and Response



- Develop and implement spill and leak response procedures
 - Absorbent
 - Berms around inlets
 - Steam cleaning (ensure runoff contained and recollected)
- Identify spill and leak response equipment, location, and maintenance procedures

Spill and Leak Prevention and Response: Illicit Discharges

- Facilitate BMP activities
- Ensure vendors are employing appropriate BMPs
- Periodic site walks
- Leak audits



Material Handling and Waste Management



Minimize

Minimize handling of industrial materials or wastes during a storm event

Contain

Contain all stored non-solid industrial materials or wastes

Cover

Cover industrial waste disposal containers and industrial material storage containers when not in use

Clean

Clean all spills of industrial materials or wastes that occur during handling

Observe

Observe and clean any outdoor material or waste handling equipment or containers

Material Handling and Waste Management

Divert run-on away from materials/work areas

- Downspout extenders
- Sandbags

Observe and clean outdoor containers and equipment

- Drums, dumpsters, trash cans, etc. free of residues, rust, dirt, debris and in good condition
- Cleaning/collection equipment (shovels, brooms, drip pans, billy goats, vacuums)



Material Handling and Waste Management

- Do not conduct pollutant-exposing activities during rain events where possible
- Cover and/or contain all industrial materials and wastes
 - Used tires, batteries, parts covered and raised off ground
 - Scrap metal or other wastes in enclosed bin
 - Liquids ≥ 1 gallon in secondary containment (110% of largest container or 50% of total volume, whichever is greater)



Erosion and Sediment Controls



- Implement effective wind erosion controls
- Provide effective stabilization for inactive areas, finished slopes, and other erodible areas
- Maintain effective perimeter controls and stabilize all site entrances and exits
- Divert run-on and storm water away from all erodible materials

Training

Train all Pollution Prevention Team Members annually

- Roles and Responsibilities
- Level 1/2 facilities: QISP to perform training

Train mechanics annually

- Spill/leak response procedures
- BMPs for housekeeping and material storage/waste management

Train bus drivers annually

- Spill/leak response procedures
- BMPs for bus cleaning and washing

Quality Assurance and Record Keeping

Enact procedures to ensure SWPPP properly implemented

Track BMP implementation with monthly inspections

Retain inspection forms, training records, spill logs, etc. for 5 years

Advanced BMPs

Structural BMPs

Where installations exist:

- Detention basins
- Vegetated swales / bioswales
- Filter inserts
- Interceptors

Ensure they are adequately maintained:



Universal Inspection Checklist:

- ☐ Accessible for inspection
- ☐ Free of damage
- ☐ Free of significant trash, debris
- ☐ Free of unpleasant odors
- ☐ Free of standing water
- ☐ Inlets/outlets free of obstruction
- ☐ Filter media in working condition

Vegetated Device Checklist:

- ☐ Well vegetated
- ☐ Irrigation system working properly
- ☐ Free of erosion/scouring/channeling
- ☐ Free of excessive vegetation
- ☐ Rip-rap in place

Inspections

Annual Comprehensive Site Compliance Evaluation

- Group Leader Performs

Monthly Visual Observations

- Self-reported
- <https://form.jotform.com/232703981473056>

Pre-Rain Event

- Recommended self-audit; not a permit requirement

Inspections

Monthly Visual Observations

- Every Month
- Days without precipitation
- Observe all **industrial** areas for compliance with minimum BMPs
- If issues are noted, record the corrections made

ONLINE FORM:

<https://form.jotform.com/232703981473056>

Pro Tip1 : Set a monthly reminder (accept Annika's recurring event reminder)

Pro Tip 2: Use your site map for reference

Industrial: Monthly Visual Observation Log

Visual Observation Log – Monthly				
District:	Facility Address:			
Date:	Observer Name:			
Weather: No precipitation currently or within last 48 hours				
Outdoor Industrial Equipment and Storage Area Observations				
BMPs	N/A	Adequate	Inadequate	Comments
Good Housekeeping				
Site free of trash, debris, and accumulated sediment				
Paved areas free of materials tracked from industrial areas				
Dust-generating activities conducted in contained area(s)				
Discharge points free of trash, debris, & sediment				
Discharge points free of non-storm water discharges, or evidence thereof				
Wash water disposal procedures implemented				
Preventative Maintenance				
Bus maintenance and inspection schedules implemented				
Fuel hoses inspected every business day				
Hydraulic lift hoses and systems inspected prior to use				
Spill and Leak Prevention and Response				
Site free of spills and leaks				
Drip pans in use where needed				

Start Filling →

Inspections

Pre-Rain Event (See checklist)

1. Parking, driveway, and other paved areas are clean
2. Drainage structures are free of debris
3. Outdoor materials and wastes are protected from rainwater contact
4. Unpaved areas are stable
5. Ready to take a sample

Pre-Rain Checklist

Site: _____

Personnel: _____ Date: ____/____/____

☐ **Parking, driveway, and other paved areas are clean**

- Leaf debris, sediment, and trash has been removed where accumulated
- Oil spots in parking lots and maintenance areas have been cleaned, and any used absorbent removed

☐ **Drainage structures are free of debris**

- Debris, sediment, and trash has been removed from inlets
- Swales and curb gutters are free of accumulated debris
- Protective mats, where deployed over drains to prevent non-stormwater discharges, have been removed to prevent flooding

☐ **Outdoor materials and wastes are protected from rainwater contact**

- Dumpsters and trash cans have lids securely in place
- Materials stored outdoors have been moved indoors or covered with tarps
- Materials stored on the ground are elevated, such as on top of pallets
- Stockpiles are covered and contained
- Outdoor activities have been suspended, where possible (vehicle maintenance, etc.)

☐ **Unpaved areas are stable**

- Erosive slopes and bare spots have been secured using fiber rolls, erosion control mats, or other means
- Any tracked dirt has been swept up and trouble spots secured with sand/gravel bags
- Irrigation systems have been turned off

☐ **Ready to take a sample:**

- pH paper is ready to use
- Sampling form is printed and ready to use
- Sample kit and cooler are ready
- Discharge points are identified (see site map)
- Ice is available or plan in place to get ice
- Sampling personnel, including alternates and those delivering to the lab, have been alerted



Pop quiz

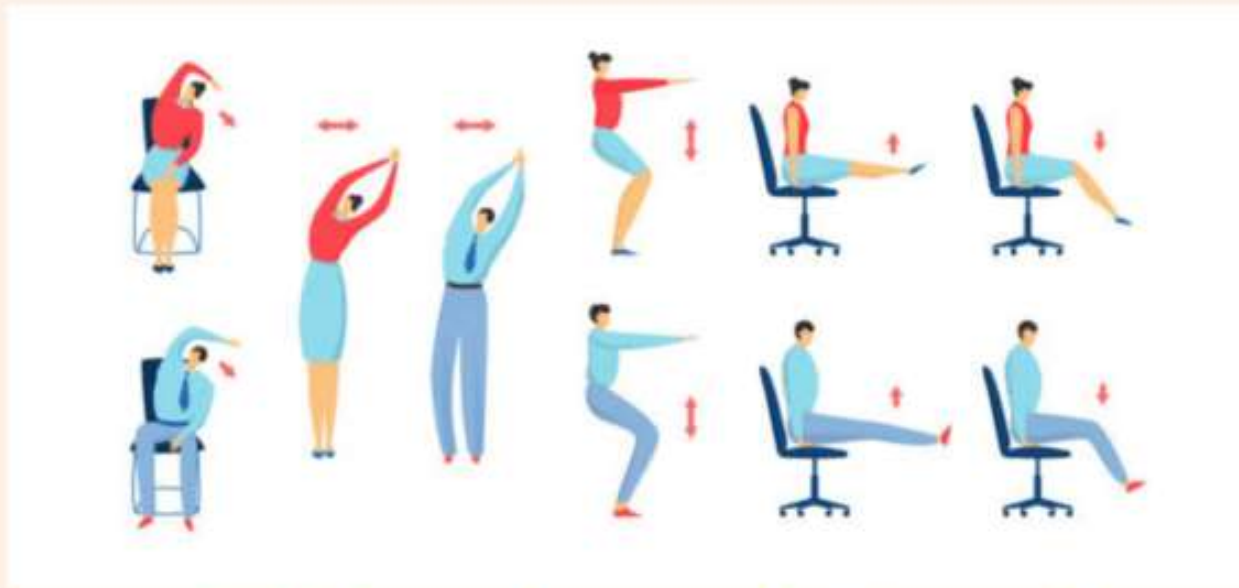
Where is your pH paper?

Bring back something to test!



Intermission

Please enter any outstanding questions in the chat



Office *Stretch Break*

Monitoring

Step 1: Identify & Train Sampling Staff

Know where to find and how to use:

- Weather reports
- Chain of Custody form
- Visual Observations form
 - QSE criteria listed on form
- Monitoring locations (site map)
- Bottle kits (New)
 - Dispose of older kits or retain as spares
- pH paper
- Gloves
- Cooler
- Ice



Pro Tip: It's hard to sample while holding an umbrella- have a raincoat or poncho handy!

Monitoring

Step 2: Identify when sampling is appropriate and required



Qualified Storm Event (QSE): Runoff preceded by 48 dry hours (no runoff)



Take samples of 2 QSEs per year at *all* industrial discharge points



Once between July and December, and once between January and June.



Required during working hours when conditions are safe

Monitoring

The 4-Hour rule:

If runoff begins during operating hours:

- The sample must be taken within 4 hours of the start of runoff

If runoff began before operating hours:

- Check weather history to see if it began within the 12 hours prior to the start of operations
 - Rule of thumb is 0.1" required before runoff will begin on a paved site
- If the answer is yes, you must take your sample within the first 4 hours of the start of operations
- If the answer is no, save the weather report with notations in your files and do not sample

Monitoring

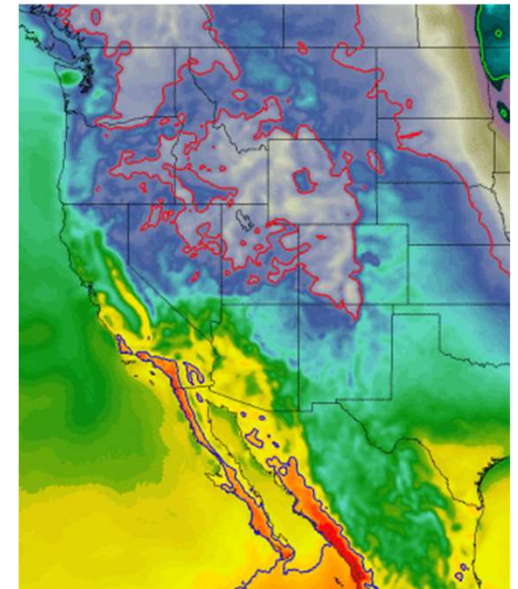
Step 3: Track the Weather

History:

- <https://www.wunderground.com/history> (Enter location and date, view hourly precipitation totals)
- https://sandiego.onerain.com/map/?&type_id=10|1440&view=0b20683e-1cfb-4f51-b8d0-fd94d6e865e4&view=0b20683e-1cfb-4f51-b8d0-fd94d6e865e4 (Nice rain graphs/map)
- <https://www.cnrfc.noaa.gov/ol.php?product=sixhourP> (Select “Most Recent Hours (Raw)” checkbox to see precipitation totals in the last 1-12 hours, zoom to your location)

Forecast by zip code:

- <https://www.wunderground.com/> (Hourly view gives precipitation totals, 10-day view has a nice graph to see timing of storms)
- <https://www.weather.gov/> (nice overview with storm total expectations in the details, broken down by morning/afternoon/overnight)



Pro Tip: Bookmark links in your browser and check at least weekly

Monitoring

Step 4: Complete Visual Observations

Observe flow at every sample point

Observe sample in a clear container

- Check for any observable pollutants
- If observable pollutants present, check for and address source

Record Observations on form

ONLINE FORM:

<https://form.jotform.com/232703479708059>

Pro Tip: Don't stand or park in the flow of water while sampling

Industrial: Visual Observation Log-Sampling Event

Visual Observation Log – Sampling Event			
District:		Facility Address:	
Date:		Observer Name:	
Weather			
Confirm Qualifying Storm Event (QSE; all must be true):			
<input type="checkbox"/> No precipitation in the 48 hours prior to start of current storm			
<input type="checkbox"/> Current storm began within the prior 12 hours.			
Date and time storm began:			
<input type="checkbox"/> It is within the first 4 hours of the start of runoff OR the start of operational hours			
Sampling Event Observations			
Discharge Point 001			
Floating Material	<input type="checkbox"/> No <input type="checkbox"/> Yes	Sample Time:	
Suspended Material	<input type="checkbox"/> No <input type="checkbox"/> Yes	Record pH:	
Oil/Grease Sheen	<input type="checkbox"/> No <input type="checkbox"/> Yes	If "Yes" for any materials observed, or pH is less than 6 or more than 9, identify location, probable source, and action taken:	
Discolorations	<input type="checkbox"/> No <input type="checkbox"/> Yes		
Turbidity	<input type="checkbox"/> No <input type="checkbox"/> Yes		
Odors	<input type="checkbox"/> No <input type="checkbox"/> Yes		
Trash/Debris	<input type="checkbox"/> No <input type="checkbox"/> Yes		
Other:	<input type="checkbox"/> No <input type="checkbox"/> Yes		
Discharge Point 002			
Floating Material	<input type="checkbox"/> No <input type="checkbox"/> Yes	Sample Time:	
Suspended Material	<input type="checkbox"/> No <input type="checkbox"/> Yes	Record pH:	
Oil/Grease Sheen	<input type="checkbox"/> No <input type="checkbox"/> Yes	If "Yes" for any materials observed, or pH is less than 6 or more than 9, identify location, probable source, and action taken:	
Discolorations	<input type="checkbox"/> No <input type="checkbox"/> Yes		
Turbidity	<input type="checkbox"/> No <input type="checkbox"/> Yes		
Odors	<input type="checkbox"/> No <input type="checkbox"/> Yes		
Trash/Debris	<input type="checkbox"/> No <input type="checkbox"/> Yes		
Other:	<input type="checkbox"/> No <input type="checkbox"/> Yes		
Discharge Point 003			

Start Filling →

Monitoring

Step 5: Measure the pH:

Dip paper strip into flowing water for a few seconds or until paper is wet

Immediately compare color of paper to the guide on the package (to the nearest 0.5)

- If pH is less than 6 or more than 9 – repeat to confirm
- Look for a source:
 - Low pH (acidic)- batteries, open trash containers, chemicals
 - High pH (basic)- often white powders (drywall dust, concrete dust)

Record measurement on form

pH = 0	Battery acid
pH = 1	Sulfuric acid
pH = 2	Lemon juice, Vinegar
pH = 3	Orange juice, Soda
pH = 4	Acid rain (4.2-4.4) Acidic lake (4.5)
pH = 5	Bananas (5.0-5.3) Clean rain (5.6)
pH = 6	Healthy lake (6.5)
	Milk (6.5-6.8)
pH = 7	Pure water
pH = 8	Sea water, Eggs
pH = 9	Baking soda
pH = 10	Milk of Magnesia
pH = 11	Ammonia
pH = 12	Soapy water
pH = 13	Bleach
pH = 14	Liquid drain cleaner

Pro Tip: Don't handle sample bottles before taking the pH

Monitoring

Step 6: Collect samples

Wear gloves

Fill bottles directly, if possible, OR

- Use a clean collection container, rinsed in sample water
- An empty, sterile bottle from your kit can be used to fill the other containers

Fill bottles to the “neck”

Bottles with stickers contain acid- do not overfill!

Label bottles w/ discharge ID, date, time

Place bottles in cooler with ice



Monitoring

Step 6: Collect samples (FUELING FACILITIES ONLY)

Small vials: carefully fill to brim

Goal: virtually no air

Turn bottle upside down to
check for bubbles

If there is a bubble, add more
water and check again

Be careful not to overfill



[Borrego Springs Unified School District](#)

[Escondido Union High School District](#)

[Fallbrook Union Elementary School District](#)

[Jamul-Dulzura Union School District](#)

[La Mesa-Spring Valley School District](#)

[Mountain Empire Unified School District](#)

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[San Ysidro School District](#)

[South Bay Union School District](#)

[Temecula Valley Unified School District](#)

[Valley Center Pauma Unified School District](#)

[Warner Unified School District](#)

Monitoring

Step 6: Collect samples

- Where possible, use sample bottle to collect water directly
- If another container is used, ensure it is clean, and rinse with sample water 3x first



Monitoring

Step 7: Arrange sample delivery

- Store samples in fridge or on ice at all times
- Coordinate delivery to D-Max **within 24 hours** (or to the lab directly if needed due to proximity, or if samples are late). **Note that we will need your ETA via call or email to ensure staff are present to receive your samples.**
 - Nick LaPaglia nlapaglia@dmxinc.com, (760) 896-4055
 - Annika Dorman adorman@dmxinc.com, (858) 224-3267
- Pack samples carefully
- Complete Chain of Custody form for all possession transfers
 - Sampler > Delivery person > D-Max staff

CHAIN-OF-CUSTODY RECORD

EMA LOG #:

Client: San Diego County Office of Education

Attn: Joanne Branch

Sampler(s):

Address: 6401 Linda Vista Road

San Diego, CA 92111

Phone: 858-292-3833

Fax: 858-694-0197

Email: jbranch@sdcoc.net

Billing Address: Same As Above

Project ID: 2009-2010 Industrial Storm Water Monitoring

Project #: District Name

Your Name

District
Name

Discharge point #

Sample date
& time#glass/#plastic (ex:
4g/2-3p)

Your info

Date & time
sample changed
hands

Requested Analysis

ID #	Client Sample ID	Sample Date	Sample Time	Sample Matrix	Container # / Type	Oil #	8015B Vol %	pH	EC	File 22/CAM17 Metals	TTL
1				SW							
2											
3											
4											
5											
6											
7											
8											
9											
10											

Matrix Codes: A = Air, DW = Drinking Water, GW = Groundwater, S = Soil, SED = Sediment, SD = Solid, T = Tissue, O = Oil, L = Liquid

WW = Wastewater, S = Soil, SED = Sediment, SD = Solid, T = Tissue, O = Oil, L = Liquid

Shipped By: ☐ Courier ☐ UPS ☐ FedEx ☐ USPS ☐ Client Drop Off ☐ OtherTurn-Around-Time: ☐ Same Day ☐ 24 hr ☐ 48 hr ☐ 3 day ☐ 4 day ☐ 5 day ☐ STD (7 day)Reporting Requirements: ☐ Fax ☐ PDF ☐ Excel ☐ Geotracker/HDS ☐ Hard Copy ☐ EDTSample Disposal: ☐ By Laboratory ☐ Return to Client: RU or Delivery ☐ Archive

Sample Integrity

Correct Containers: Yes No N/A

Containers Properly Preserved: Yes No N/A

Custody Seals Intact: Yes No N/A

Temp @ Receipt: _____

COC/Labels Agree: Yes No N/A

Repacked By: Client EMA Attn: _____

Project/Sample Comments:

RELINQUISHED BY

DATE/TIME

Signature

Print

Company

Signature

Print

Company

Signature

Print

Company

Signature

Print

Company

Additional costs may apply, consult a project manager for details.

EMA reserves the right to return any samples that do not match our waste profile.

NOTE: By relinquishing samples to EMA, Inc., client agrees to pay for the services requested on this COC form and any additional analyses performed on this project. Payment for services is due within 30 days from date of invoice. Samples will be disposed of 7 days after report has been finalized unless otherwise noted. All work is subject to EMA's terms and conditions.

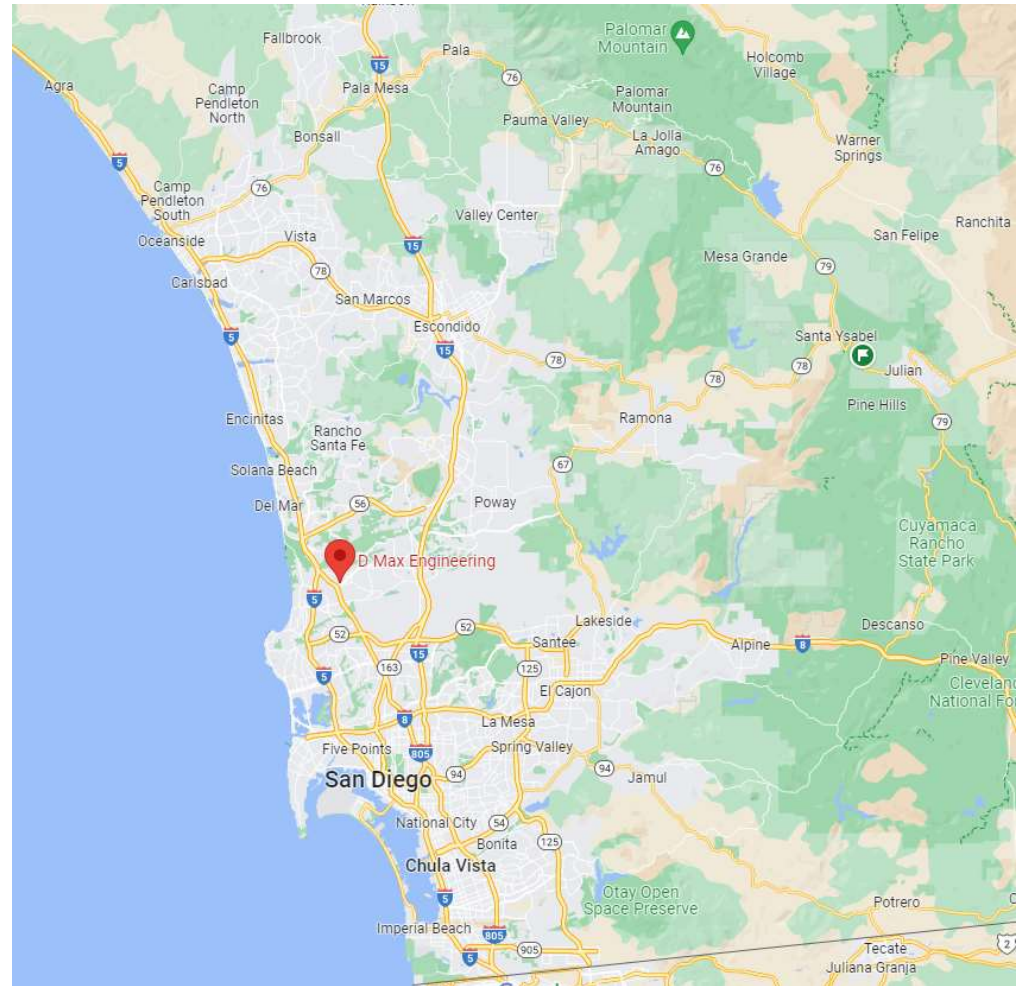
Monitoring

Step 7: Deliver samples

Deliver to the D-Max office within 24 hours, unless otherwise arranged (may deliver straight to lab in some cases)

D-MAX Engineering Office:
5440 Morehouse Dr. Ste. 4500
San Diego, CA 92121

Pro Tip: Don't go to the old lab. New lab is located in South Orange County.







Monitoring

Step 8: Process Results

- Sample Analysis Letter will include results & compliance status
- Determine next steps if needed
 - Additional sampling
 - Additional BMP implementation
- Certify Ad-Hoc Report in SMARTS **ASAP**

SMARTS Tutorial

Stormwater Multiple Application and Report Tracking System



You are logged in as Annika Dorman. If this account does not belong to you, please log out.

Start a New Application

Active Applications

File Reports

Account Management

Recertify Existing Applications

Document Ready for Certification

Pending Applications
View and continue applications that are in progress or have been returned.

Submitted Applications
Manage active and terminated applications processed by the State Water Board.
(Submit a Change of Information, amend a Stormwater Pollution Prevention Plan, convert to a No Exposure Certification, view inspections and reports, etc.)

Documents Ready for Certification
For the Legally Responsible Person and Duly Authorized Representative(s):
View, certify, and submit documents to the State Water Board.

File Reports
View previously submitted reports and submit new reports to ensure permit compliance.

Account Management
Perform administrative tasks associated with your account.
(Update organization info, manage Legally Responsible Person, manage linked users, manage Compliance Groups, view outstanding invoices, self-certify as a QSD, etc.)

Recertify Existing Application
Recertify an annual No Exposure Certification or coverage under a reissued General Permit.

SMARTS Tutorial



Annual Audit

Start at Main Menu

“Active Applications” > Click on WDID

- Update “Operator Info”, “Facility Info”, and “Billing Info” tabs with current contact information
- Review “Linked Users” to ensure at least 2 active LRP/DAR linked with active eAuthorization on file

“Documents Ready for Certification”

- Ensure nothing is left pending

SMARTS Tutorial

Documents Ready for Certification

Ad-Hoc Reports

- QSEs
- Due 30 days post-receipt from lab

Annual Reports

- Submit all monthly reports
- Due July 15th

Change of Information (COI)

- SWPPP or Site Map updates
- Facility Information

Can save a PDF of your report from this page


Ad Hoc Reports

Select	Event ID	Event Type	Reporting Period
	1267018	Qualifying Storm Event	07/01/2022-06/30/2023
	1236918	Qualifying Storm Event	07/01/2022-06/30/2023
	1236916	Qualifying Storm Event	07/01/2022-06/30/2023
	1267020	Qualifying Storm Event	07/01/2022-06/30/2023
	1267021	Qualifying Storm Event	07/01/2022-06/30/2023

Annual Reports

Select	Report Id	Reporting Period	WDID
	1187817	07/01/2022-06/30/2023	9 301013802
	1187838	07/01/2022-06/30/2023	9 371001773
	1188990	07/01/2022-06/30/2023	9 371017913
	1194104	07/01/2022-06/30/2023	9 371026674

COIs

Select	COI ID	COI Type	WDID
	78377	NOI	9 371017906

SMARTS Tutorial

General Info

Monitoring Location

Raw Data

PET

Data Summary

Attachments

Notes

Certify

Status History

Back to Report Main

Ad-Hoc Reports

Review “Data Summary” for agreement with analysis letter

Ensure lab reports uploaded under “Attachments”

Review “Notes” for special circumstances

- Sample bottle broken, late reports, etc.

“Certify” if all is in order

- Reenter password
- Answer security question

Confirmation Email

SMARTS Tutorial

General Info

Questions

Attachments

Certify

Status History

Notes

Back To Report Main

Back To NOI Summary

Annual Reports

Send in all monthly forms (monthly forwarding is preferred)

Review “Questions”

Review “Notes” for special circumstances

“Certify” if all is in order

- Reenter password
- Answer security question

Confirmation Email

SMARTS Tutorial

COI Form

Attachments

Certify/Review

Status History

Back To NOI Summary

COIs

Review “COI Form”

- See “Reason for Change” at bottom of form for Facility Info changes

Review “Attachments” – usually updated SWPPP or Site Map

“Certify” if all is in order

- Perform Completion Check
- Reenter password
- Answer security question

Confirmation Email

Compliance Group Updates

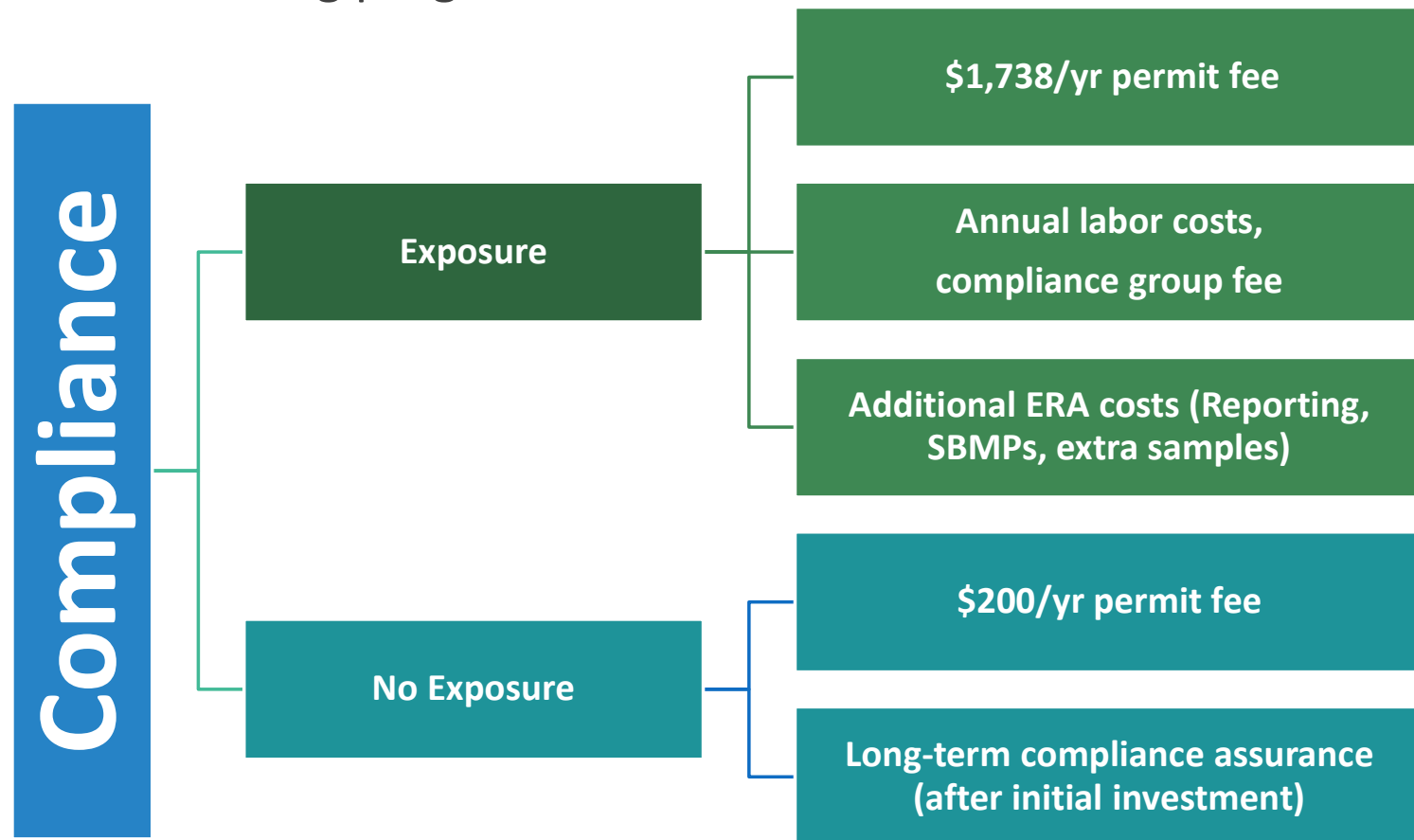
NO EXPOSURE CERTIFICATION

WEATHER PATTERNS

A solid blue horizontal bar spanning the width of the slide at the bottom.

No Exposure Certification

Additional Districts have completed their No Exposure Certifications, with others making progress



No Exposure Certification

All industrial activities and related materials are contained indoors or outsourced offsite (not in public ROW)

- Fueling
- Washing
- Maintenance

OR

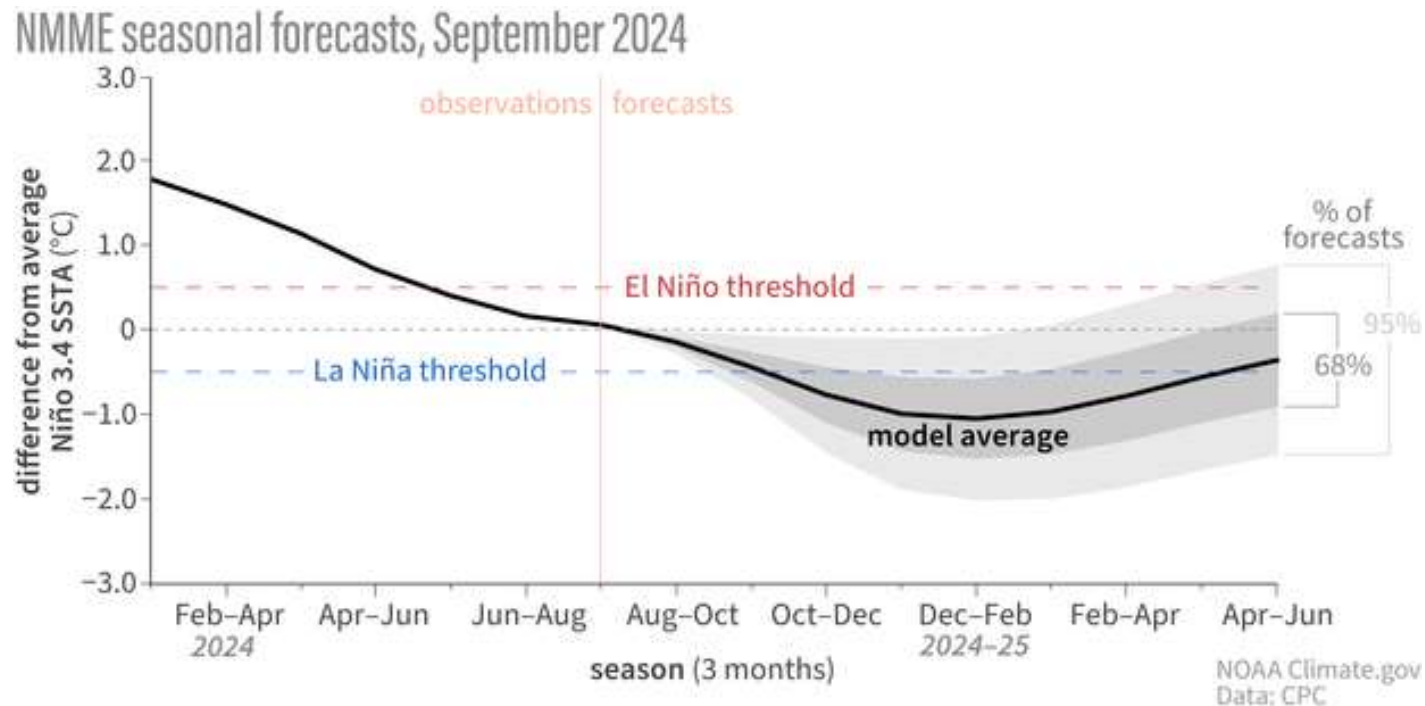
Are within cover and containment

- Bermed and/or draining to sewer
- **NOTE: Outdoor drains may be under additional scrutiny to ensure no rainwater enters due to wastewater overflows during rain events**

Current Events

La Niña is favored (71% chance) and is expected to persist through January-March 2025.

A weaker La Niña implies that it should be a bit drier than average)



Current Events

Less rain Pros

- Fewer QSEs = less sampling
- Fewer flooding/erosion issues mean resources can be allocated elsewhere

Less rain Cons

- Fewer opportunities for additional QSE sampling to get out of level 1 or 2
- Less rain *can* mean pollutants will build up
- Plants may die off, leaving slopes more vulnerable to erosion

Current Events

Less rain management

- Ensure housekeeping BMPs stay on top of pollutant accumulation points (swales, gutters, behind backstops)
- Ensure vegetated areas- particularly slopes- are irrigated if needed for plant survival
- Utilize the potential reprieve in resource allocation to pursue long-term projects

Questions & Contacts

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Training Sign-in sheet and Certificates:

<https://form.jotform.com/242606200661143>