### RIVERSIDE COUNTY WATERSHED PROTECTION



# Industrial/ Commercial Facility Inspection and BMP Training

Prepared for: Whitewater River Region Permittees Prepared by: CASC Engineering and Consulting Spring 2019

### Course Outline



### Introduction

- **Regulatory Background** 
  - Federal & State
  - Industrial General Permit
  - Municipal Permit & SWMP
    - Commercial/Industrial Facilities Program
    - Illicit Connections/Illegal Discharges (IC/ID)
  - Local Ordinances
- Inspection Protocols for Industrial/Commercial Facilities
- Commercial and Industrial Facility Best Management Practices (BMPs)





## Common Acronym Definitions

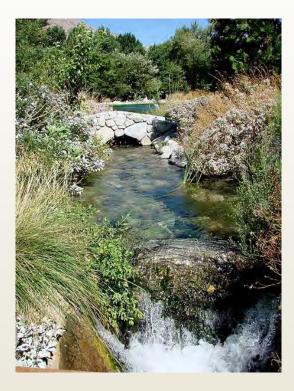
BMP	Best Management Practice Industrial General Permit	NPDES	National Pollutant Discharge Elimination System
NEC	No Exposure Certification	SMARTS	Storm Water Multiple Application and Report Tracking System
NOI NONA	Notice of Intent Notice of Non-	SWMP	Stormwater Management Plan
	Applicability	SWPPP	Storm Water Pollution Prevention Plan



### Why Are We Here?

To comply with permit requirements for training.

- To review municipal permit requirements for commercial / industrial inspections.
  - To review BMPs applicable to commercial and industrial facilities.





# What pollutants should I be concerned about?

### Potential Pollutants Generated by Land Use Type

(Sources: San Bernardino and Orange County Technical Guidance Documents for Water Quality Management Plans, dated July 28, 2011 and May 19, 2011, respectively, and the Riverside County Water Quality Management Plan, Santa Ana Region, dated October 22, 2012)

	General Pollutant Categories							
Type of Development (Land Use)	Sediment/ Turbidity	Nutrients	Toxic Organic Compounds	Trash & Debris	Bacteria & Viruses (also: Pathogens)	Oil & Grease	Heavy Metals	
Detached Residential Development	Р	Р	N	Р	Р	Ρ	N	
Attached Residential Development	Р	Р	N	Ρ	Р	P <sup>(2)</sup>	N	
Commercial/ Industrial Development	Ρ	P <sup>(1)</sup>	P <sup>(5)</sup>	Ρ	P <sup>(3)</sup>	Р	P <sup>(6)</sup>	
Automotive Repair Shops	Ν	Ň	P(4,5)	Р	N	Р	Р	
Restaurants	Ν	N	N	Р	Р	P	N	
Hillside Development	Р	P	N	Р	Р	P	N	
Parking Lots	Р	P(1)	P(4)	Р	Р	Р	Р	
Retail Gasoline Outlets	N	N	P(4)	Р	N	P	Р	

Abbreviations: P = Potential

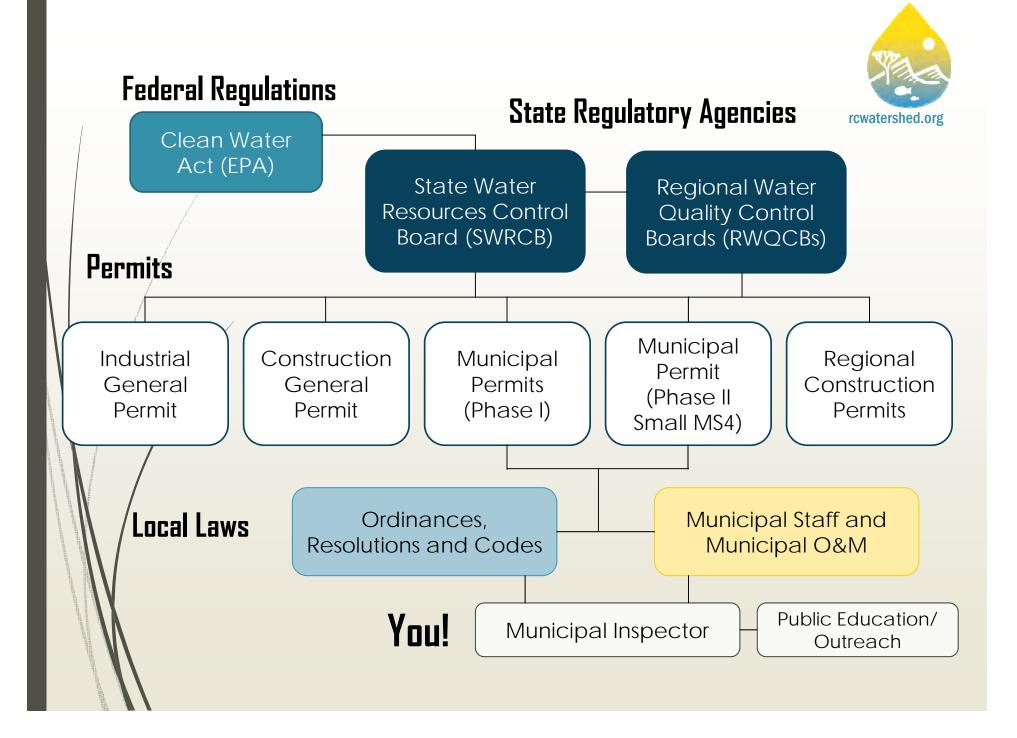
5

N = Not potential



# Regulatory Background

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# Can the Feds issue enforcement actions?

Yes.

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Up to \$100,000 per day per violation, for a second time offender.

"Any person who knowingly violates"... shall be punished by a fine of not less than \$5,000 nor more than \$50,000 per day of violation, or by imprisonment for not more than 3 years, or by both

CWA Section 309(c)(2)(B)

40 C.F.R. 122



# The Clean Water Act has other indirect impacts

- CWA 33 U.S.C. § 1365 (a) (1) gives the public the right to sue
- Non-governmental Groups and Private Citizens
  - NRDC
  - Baykeeper
  - Other Groups

### NRDC



NATURAL RESOURCES DEFENSE COUNCIL





## Typical Enforcement Actions, Process

Verbal Enforcement

- Discussion at site or over the phone
- Notice of Violation
  - Letter stating violation
  - Date when changes need to be made
  - Date for written response
  - Warns of further enforcement actions

- Notice of Non-Compliance
  - \$5000 mandatory minimum penalty for failure to respond to two notifications. (CWC section 13399.25, 04/28/09)
- Administrative Civil Liability
  - States maximum and assessed penalties
  - Informs of public hearing, waiver of right to a hearing or meeting with Executive Officer



# What's the magnitude of their fines?

Under the Porter Cologne Water Quality Act:

- \$10-\$20k per day
  - Plus \$10-\$20 per gallon
  - Plus cost of their time to inspect



# <sup>12</sup> What do we need to know about the IGP?

- **General Requirements:** 
  - Check if the facility has coverage under the IGP
    - Refer to the IGP for Categories requiring coverage
    - Report if they need to file a NOI for coverage
  - Confirm that they have a Storm Water Pollution Prevention Plan (SWPPP) and a monitoring plan.
    - SWPPP must identify
      - Sources of pollutants
      - The means to manage the sources to reduce storm water pollution



# What do we need to know about the IGP? (cont.)

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Conditional Exclusion – No Exposure Certification (NEC)

- Conditional exclusion for any type of industry facilities that have no exposure of industrial activities and materials to storm water.
- The previous permit required light industries to obtain coverage only if their activities were exposed to storm water.
- For existing facilities the NEC had to be submitted electronically though the SMART system on or before October 1, 2015.



# What do we need to know about the IGP? (cont.)

Notice of Non-Applicability (NONA)

- Facilities who claim "No discharge" or not connected to waters of the United States.
- Facility is engineered and constructed to contain maximum historic precipitation event (or series of events)
- Must prepare a No Discharge Technical Report signed by a registered Professional Engineer (P.E.)



### Stormwater Management Plan (SWMP)

Describes the activities and programs implemented by the Permittees to manage Urban Runoff to comply with the requirements of the Whitewater River Region MS4 Permit.

- Program Management
- Detection and Elimination of Illicit Connections and Illegal Discharges (IC/ID)
- Commercial/Industrial Facilities
- New Development/Redevelopment
- Private Construction Activities
- Permittee Facilities and Activities
- Public Education and Outreach
- Monitoring

- Annual Reporting, SWMP Updates, Regional Program Evaluation/Assessment
- TMDL Implementation

### Commercial/Industrial Facilities Program (Whitewater River Region)



See SWMP Section 3.0

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- Conduct source identification and outreach to reduce discharges of pollutants from targeted commercial and industrial businesses
  - Restaurant
  - Automotive Service
  - Industrial
  - Mobile Cleaning Business



### 17 What needs to be done? (Whitewater River Region)

- Continue to coordinate with County Department of Health
- Continue to survey at hazardous materials permit and retail food service facilities
  - Hazardous permit at least twice each permit term
  - Retail food at least once each permit term

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	HAZARDOUS MATERI			Y				
10 510								
FACILITY DBA	TELEPHONE	1.	DATE					
ADDRESS	CITY, ZD							
				_				
MAILING ADDRESS (If different from une Address)	MAILING CITY, ZIP							
CONTACT	BUSINESS LICENSE / FACILITY*		SIC CODE					
COMPLIANCE AR	EAS	YES	NO	N/A				
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	6. Dumptteri and recycling contained			-	_	-	-	-
				1.0		-	1	-
	7. Spilled materials around containe					-	-	1
	8. Wath water is discharged to the t		ast of p to	meriad for po	oper dispositi.		4	1
	IMPLOYEE EDUCATION AWARD	NESS						00
	1. Benchuret ar parters displayed.							
	19. BMPs observed				10	1.00		1
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	COMMENTS							
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### Inspection Procedures (Whitewater River Region)

- Follow minimum inspection and enforcement procedures.
  - Ensure compliance with your local Stormwater Ordinance
    - Assess implementation of designated BMPs
    - Verify coverage under the IGP, as applicable
- Conduct follow-up inspections when initial survey notes "requires followup" or "needs improvement"
- Conduct enforcement as necessary, consistent with the SWMP. Follow criteria for characterizing the significance of violations, prioritizing violations, appropriate response actions and enforcement/compliance responses.
- Keep completed surveys at least three years



### <sup>19</sup> Prioritizing Violations

#### Table 1-1. Prioritization Factors for Violations

Prioritization Factor	Description
Characteristics of the Potential Pollutant	Based on chemical characteristics and potential to impact Beneficial Uses of Receiving Waters. The more toxic, hazardous, or detrimental to the Beneficial Uses of the Receiving Waters a Pollutant is, the higher the priority of the discharge.
Sensitivity of the affected Receiving Waters	The priority of the violation should be considered directly proportional to the sensitivity of the affected Receiving Waters because, for example, a more sensitive Receiving Water may suffer severe adverse effects from the discharge of a particular Pollutant whereas a less sensitive Receiving Water may suffer no adverse effects from the same Pollutant discharge. It is also important to consider that a Receiving Water may be highly sensitive to one Potential Pollutant discharge while, at the same time, completely insensitive to another Potential Pollutant. Examples of Receiving Waters that may be particularly sensitive include those designated with municipal supply or wildlife habitat designated Beneficial Uses.
Proximity of Receiving Waters	The closer a Receiving Water is to the discharge, the less chance there is for dispersion, dilution, or degradation of the Potential Pollutant. Therefore, the closer the discharge is to Receiving Waters, the higher priority of the violation.
Magnitude of discharge (volume and mass)	A larger Illegal Discharge should be of a higher priority than a smaller Illegal Discharge because as the magnitude of the Pollutant discharge increases, the extent of impact of the discharge on the environment increases as well.
Responsiveness of the discharger in taking corrective actions	A discharger who is responsive and implements a good faith effort to correct a violation is more likely to minimize adverse impacts to surface water quality than a discharger who takes no action to correct a violation. Therefore, the priority of a violation should decrease as the responsiveness of the discharger increases.
Intent of the discharger	Is the violation accidental or the result of an accident or a deliberate attempt to circumvent regulations?
Frequency of the violation	Violations of local Stormwater Ordinances and erosion control ordinances that are continuous or reoccurring should be of a higher priority than isolated occurrences of violations. The more frequent a violation, the more likely it is that the discharge will impact surface water quality.
Previous history of non- compliance of the responsible party	A poor history of non-compliance of a discharger should result in a higher prioritization of subsequent violations as compared to a discharger with a good history of compliance because a history of non-compliance is evidence of a discharger's lack of concern for complying with local Stormwater and erosion control ordinances.



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### Severity of Violations

#### Table 1-2. Severity of Violations

Factors Affecting	Severity Priority Level				
the Severity of Violations	High	Medium	Low		
Pollutant characteristics	Hazardous materials (e.g., pesticides and solvents)	Metals, nutrients, Sediment, other non- Hazardous Materials	Trash and Debris		
Sensitivity of Receiving Waters	Drinking water source, wildlife refuge, Illegal Discharges containing Pollutants identified as Impairing the Receiving Water.	Recreational reservoir, riparian habitat	Dry, ephemeral stream		
Proximity of Receiving Waters	Adjacent	Several hundred feet away	Several hundred yards away		
Discharge magnitude	1,000's gallons	100's gallons	10's gallons		
Responsiveness of discharger	No action to contain or mitigate discharge	Reactive to control discharge when requested (i.e., cooperative)	Implements spill control plan at own initiative or shows good faith effort to respond		
Intent of violation	Intentional	Discharge due to lack of controls or negligence	Implemented and maintained controls that failed (i.e., accident)		
Frequency of violation	Continuous	Intermittent	Isolated incident		
Previous history of discharger	Enforcement and cleanup historically resisted and more than one previous violation	Enforcement and cleanup performed only when threatened with enforcement or one previous violation	Enforcement and cleanup performed when requested and no previous violations		

### Hazardous Waste/ Materials Facilities (Whitewater River Region)



- Verify the following BMPs:
  - Hazardous waste/materials storage areas
  - Trash bins

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- Aboveground tanks
- Onsite storm drain inlets
- Oil/water separators connect to sanitary sewer
- Wash pads to sanitary sewer
- Mop water to sanitary sewer via clarifier
- Parking lots
- Coverage under IGP as appropriate

Whitewater River Region



#### HAZARDOUS WASTE/ HAZARDOUS MATERIALS FACILITY STORM WATER COMPLIANCE SURVEY FORM

FACILITY DBA	TELEPHONE	TELEPHONE		
ADDRESS	CITY, ZIP			
MAILING ADDRESS (if different from site address)	MAILING CITY, ZIP			
CONTACT	BUSINESS LICENSE / FACILITY#			
COMPLIANCE	AREAS	YES	NO	N/A
*OUTSIDE AREAS (Free of staining & debris; provides g prevent runoff.)	cood housekeeping: maintained in a manner to	1	Requires follow up	
<ol> <li>CHEMICAL STORAGE * The outside storage area is proprelease. Chemicals/materials are protected from precipitation signs of leaking.</li> </ol>				
2. DUMPSTER * No liquids are leaking from dumpster; surr	ounding area is free of trash.			11
<ol> <li>ABOVEGROUND TANKS * No ground staining, no spill Tanks are maintained to minimize the possibility of a release</li> </ol>				1
4. ONSITE STORM DRAIN * Protected from accidental dis	charge other than water.	1.00	1.1	12
5. POWER WASH OR STEAM CLEAN * (discharge to sew sanitary sewer and not a septic system. Steam cleaning not di		1		
6. PARKING LOT/DRIVE WAY * Free of excess trash, che	mical staining or liquids other than water.			
7. OTHER * Non-storm water discharge (i.e. non-hazardous	process discharge).			1
8. MOP WATER TO SANITARY SEWER VIA CLARIFIEI gutter, or other areas susceptible to storm water drainage.	R. Mop water is not dumped to the soil, parking lot,			-
9. STORM WATER EDUCATIONAL BROCHURES GIVE FOR EMPLOYEES. (# Materials Provided) If no, w facility?				
10. IF A SWPPP IS REQUIRED, WAS IT AVAILABLE FO. industrial facilities.	R REVIEW? See storm water brochure for	12		1.2
OVERALL EVALUATION/ COMMENTS:				
				_
				_
				_
INSPECTOR:	RECEIVED BY:			



### Retail Food Facilities (Whitewater River Region)

### Verify the following BMPs:

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- Oil and grease wastes
  - Trash bin areas
- Floor mats, filters, containers wash water not discharged to MS4
- Outdoor areas cleaned by sweeping, not hosing
- Use dry methods for spill cleanup



#### RETAIL FOOD FACILITY STORMWATER COMPLIANCE SURVEY

FACILITY DBA	TELEPHONE +	E DATE		
ADDRESS		BUSINESS LICENSE / FACILITY #		
COMPLIANCE AREAS	YES	NO (Fellow-up Required)	N/A	
GREASE BARRELS/ INTERCEPTORS				
1. Grease pumped/removed on a regular basis, maintenance records available			1	
2. Grease interceptor/oil-grease separator located outside facility, maintained properly.			12-5-1	
EQUIPMENT CLEANING		-		
3. The following items are cleaned in such a manner that all wash water is discharged	to the sanitary sewer or is	collected for pro	oper disposal:	
a. Grease filters				
b. Floor mats			01222	
c. Floors (mop water and rinse water)	- 1 1		10 0 0	
d. Grills			0.2 2 2	
OUTSIDE AREAS			-	
4. The following areas are cleaned in such a manner that all wash water is discharged	to the sanitary sewer or is	collected for pro	oper disposal:	
a. Sidewalk or outdoor seating				
b. Drive thru			0.200	
DUMPSTERS AND RECYCLING CONTAINERS	-		1	
5. Food waste bagged and sealed before disposal.				
6. Dumpsters and recycling containers are covered.		-	1	
7. Spilled materials around containers are picked up regularly.		1000	1231	
8. Wash water is discharged to the sanitary sewer or is collected for proper d	isposal.		1	
EMPLOYEE EDUCATION/ AWARENESS		1	7	
9. Brochures or posters displayed.			NUT I	
10. BMPs observed.			1	
OVERALL RATING	6000	AVERAGE	NEEDS IMPROVEMENT	
COMMENTS:				
Inspector: Received b	y:			



## Industrial Facilities – Not Required to Re-inspect

- The Co-Permittees NEED NOT INSPECT Industrial facilities ALREADY INSPECTED by Regional Board staff if the inspection was concluded within the time period.
- Regional Board staff inspection information is available via the Storm Water Multiple Application & Report Tracking System (SMARTS).
  - <u>https://smarts.waterboards.ca.gov</u>
  - click the "View SW Data" button on the right side of the screen
  - select "Storm Water Overview Reports" to access the information.



### IGP Coordination (Whitewater River Region)

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- Require proof of coverage under the IGP prior to issuing a business license.
- Provide informational brochure on IGP requirements during survey, if they do not have a SWPPP on site.
  - Notify RWQCB of potential non-compliance.

### Commercial/Industrial Database (Whitewater River Region)



- Each Co-Permittee maintains a database of commercial and industrial facilities within their jurisdiction.
  - Facility name
    - Address
  - Watershed
  - Type of facility
  - **SIC**

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- Size of site
- APN
- WDID No.
- Local license/permit
- Contact information
- Status of BMPs

PACILITY GENERAL IN COMATION
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INDUSTRIAL and COMMERCIAL FACILITY SOURCE DATABASE FORMAT and ANNUAL REPORTING OF INSPECTIONS





# Inspection Protocols for Commercial/Industrial Facilities

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## <sup>27</sup> General Inspection Procedures

### PREPARING FOR THE INSPECTION

- Review existing information and the regulatory history for each site. This would include the review of :
  - Database of existing permitted facilities
  - Records of illegal discharges,
  - Records of violations such as Notices to Comply and Notice of Violations



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### GENERAL ENTRY PROCEDURES (Your agency's procedures may vary):

- Present your credentials to a responsible facility owner/operator, whether or not identification is requested.
- Explain the purpose of the inspection and appropriate laws and regulations that mandate the inspection requirement.
- The facility owner/operator must consent to the inspection. If the inspector is allowed to enter, entry is considered voluntary and consequential. The absence of an expressed denial can be considered authorization to continue the inspection.



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### GENERAL ENTRY PROCEDURES (Your agency's procedures may vary):

- Do not sign any type of "waiver", "visitor release' or document with restrictive conditions that would relieve the facility owner/operator of responsibility for injury or limit your rights to use information obtained during the inspection.
  - Explain that you cannot sign the form and request a blank sign-in sheet.



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### GENERAL ENTRY PROCEDURES (Your agency's procedures may vary):

- If the owner/operator denies entry, ask why. Tactfully probe the reason(s) for denial. In some cases, diplomacy and discussion may be sufficient to overcome the owner/operator's reluctance.
- Be careful to avoid saying something that can be misconstrued as a threat such as discussing potential penalties. Avoid inflammatory discussions and/or deepening of misunderstandings.
- Document all conditions and circumstances surrounding the denial for entry such as: facility name and exact address, name and title of who refused entry.



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### GENERAL ENTRY PROCEDURES (Your agency's procedures may vary):

- If the consent is withdrawn during an inspection, follow the same procedure as above. Information obtained prior to the withdrawal of consent is valid.
- If access is denied to some parts of the facility, document the portion of the inspection that could not be performed, the reason for the denial of access, and proceed with the inspection of other areas.

### Background Information Inspectors Should Be Prepared to Answer



- Inspectors need an in depth understanding of the background and requirements of the commercial/industrial site inspection program.
- Facility owners/operators will question the need for the inspection and will ask about the specific requirements of the site inspection program.
  - It is essential that the inspector be prepared to clearly communicate this information, to help develop a rapport with the owner/operator and help the facility come into compliance.
- The inspector will likely be the first person to inform the facility owner/operator about the commercial/industrial facilities program; therefore, they play an essential role in promoting the credibility of the program.



### Background Information Inspectors Should Be Prepared to Answer

Common general question:

- What is "stormwater" and "non-stormwater"?
- What are allowable non-stormwater discharges?
- What is an illicit connection?
- What is an illegal discharge?
- What is illegal dumping?
- What is the difference between storm drains and sanitary sewers?
- Be able to explain the portion of the NPDES permit and the SWMP that pertains to the commercial/industrial facilities program.



## What is "stormwater" and "non-stormwater"?

Stormwater means storm water runoff, snow melt runoff, and storm water surface runoff and drainage.

- Non-Storm Water consists of all discharges to and from a storm water conveyance system that do not originate from precipitation events. Non-storm water includes illegal discharges, nonprohibited discharges and NPDES permitted discharges.
- Non-Storm Water Discharge means any discharge to storm sewer systems that is not composed entirely of storm water.





### <sup>35</sup> What are Allowable Non-Storm Water Discharges?

- Discharges covered by NPDES permits or allowed by RWQCB or SWRCB.
- Air conditioning condensate
  - Potable water line flushing
- Passive foundation drains
- Passive footing drains
- Water from crawl space pumps
- Discharges from landscape irrigation
- Dechlorinated swimming pool discharges
   Whitewater Ri

- Non-commercial vehicle washing (residential, non-profit fundraisers)
- Diverted stream flows
- Rising ground waters/springs
- Uncontaminated pumped groundwater
- Flows from riparian habitats
- Street wash water
- Emergency water flows (firefighting)



## <sup>36</sup> What are Illicit Connections?

- Any physical connection to a storm drain system which has not been permitted by jurisdiction
- Examples:

- Sanitary sewer connections
- Industrial process waters
- Floor drains



## <sup>37</sup> What are Illegal Discharges?

- Discharge to the MS4 that is not composed entirely of stormwater, *except* 
  - discharges pursuant to an NPDES
     Permit
  - authorized by the SWRCB or RWQCBs
  - allowable non-stormwater discharges
- Examples:
  - Commercial vehicle wash water
  - Boiler blowdown
  - Drainage from secondary containment or dumpsters



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## 38 What is Illegal Dumping?

- Any discharge of pollutants into the MS4
  - Catch basins
  - Creeks, streams, channels
- **Examples**:
  - Used oil
  - Paint
  - Pet waste
  - Wash water from mobile cleaners

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# What is the difference between storm drains and sanitary sewers?

Storm drain is a conveyance that goes directly to a surface water body (lake, stream, ocean, etc.) normally without treatment.

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Sanitary sewer is a conveyance that usually flows to a POTW for treatment prior to discharge to a water body.





## General Inspection Procedures

#### **CONDUCTING THE INSPECTION (Your agency's procedures may vary):**

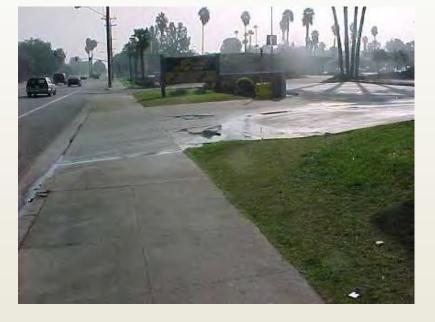
- Inspect the facility layout to locate
  - the storm drain system
  - stormwater drainage path,
  - storage areas,
  - process areas,
  - heavy equipment wash and maintenance areas
  - stormwater sampling locations, if applicable.



## General Inspection Procedures

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- CONDUCTING THE INSPECTION (Your agency's procedures may vary):
- Determine the facility's impact on stormwater quality. The inspector should answer the following:
  - What is the facility's potential to impact stormwater quality from pollutant exposure and nonstormwater discharges?
  - Are BMPs effectively applied so that pollutant exposure is minimized and non-stormwater discharges are eliminated?
  - What type(s) of impact does or could the facility have on stormwater quality?



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## 42 General Inspection Procedures

#### CONDUCTING THE INSPECTION (Your agency's procedures may vary):

- Verify SIC to ensure proper classification
  - Fill out the Inspection Form
  - Determine what follow up actions are required of the facility owner/operator and set a follow up inspection date.



## General Inspection Procedures

#### CONDUCTING THE INSPECTION (Your agency's procedures may vary):

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Identify and inform the facility contact about problems and violation(s), if applicable. Set a follow up inspection date with the facility to verify that necessary BMPs had been implemented to correct the identified problems.

 Discuss and distribute appropriate BMP information, public education material. See Section on BMP Implementation.





#### <sup>44</sup> Inspection Program

#### Example Inspector Reference Binder

- Municipal Permit
- Storm Water Management Plan (SWMP)
- Industrial General Permit (IGP)
- Ordinance
- SICs
- BMPs
- General Inspection Procedures

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## 45 Essential Knowledge – Getting More of It!



#### **California Stormwater** Quality Association



- Riverside NPDES/Municipal Stormwater Management Program
  - <u>http://www.rcflood.org/NPDES/WhitewaterWS.aspx#WWdocs</u>
  - California Storm Water Quality Association Manuals (CASQA)
    - <u>https://www.casqa.org/resources/bmp-handbooks</u>
- California Hazardous Materials Investigators Association (CHMIA)
  - <u>https://chmia.com/</u>
- CalEPA Basic Inspector Academy
  - https://www.arb.ca.gov/training/DisplayCourse.php?SectionNumber=8446



#### 46 Brochures Offered by the District



Whitewater River Region

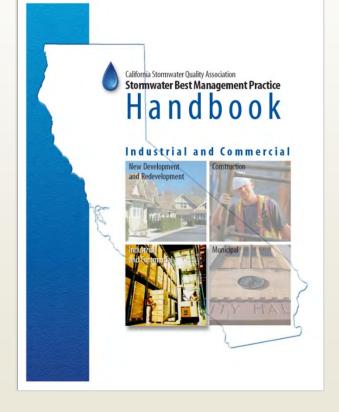
To Order Brochures: fbmowrer@rcflood.org



## 47 Essential Knowledge – Getting More of It!

- CASQA's 2003 and 2009 Handbooks
  - A Great Source of Stormwater Information
- The Handbooks A 4 Volume Set
  - Municipal O&M Staff use these Handbooks the most
    - Industrial and Commercial
    - Municipal
  - Municipal O&M Staff may need these Handbooks too
    - New Development and Redevelopment
    - Construction
- Get them at

https://www.casqa.org/resources/bmphandbooks



Whitewater River Region



## Break Time

**Stretch Your Legs!** 

48

Back in 15 Minutes!

Whitewater River Region







## Commercial and Industrial Facility BMPs

Incorporating pollution prevention into everyday activities at commercial and industrial facilities

50



#### Inspection Program – Hazardous Facilities

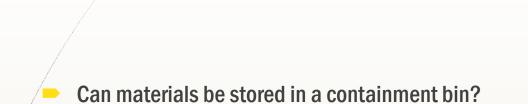
Let's go through the Hazardous Waste/Hazardous Materials Facility form

51

#### HAZARDOUS WASTE/ HAZARDOUS MATERIALS FACILITY STORM WATER COMPLIANCE SURVEY FORM

FACILITY DBA	TELEPHONE		DATE	
ADDRESS	CITY, ZIP			
MAILING ADDRESS (if different from site address)	MAILING CITY, ZIP	TY, ZIP		
CONTACT	FACILITY#	1	SIC CODE	
Compliance Areas		YES	NO	N/A
*OUTSIDE AREAS (Free of staining & debris; provides good housekeeping; maintained in a manner to prevent runoff.)		0	Requires follow up	7
<ol> <li>CHEMICAL STORAGE * The outside storage area is kep Chemicals / materials are protected from precipitation / storm leaking.</li> </ol>				L.
2. DUMPSTER * Lid closed. No liquids are leaking from du	mpster; surrounding area is free of trash			10.1
<ol> <li>ABOVEGROUND TANKS * No ground staining, no spil Tanks are maintained to minimize the possibility of a release</li> </ol>		1		
4. ONSITE STORM DRAIN* Protected from accidental disc	harge other than stormwater.			
<ol> <li>POWER WASH OR STEAM CLEAN* (discharge to sew sanitary sewer and not a septic system or storm drain. Steam drain or soil.</li> </ol>		1	i i i	
6. PARKING LOT / DRIVEWAY* Free of excess trash, che	mical staining or liquids other than water.	121-		
7. OTHER* Non-storm water discharge (i.e. non-hazardous)	process discharge).		1.1.1.1.1.1.1.1	
8. MOP WATER TO SANITARY SEWER VIA CLARIFIE lot, guiter, street, or other areas susceptible to storm water run			11.0	
9. STORM WATER EDUCATIONAL BROCHURES GIVE FOR EMPLOYEES. If no, what informational material shou		61		
<ol> <li>IF A SWPPP IS REQUIRED, WAS IT AVAILABLE FO industrial facilities.</li> </ol>	R REVIEW? See storm water handout for			
11. NOTICE OF INTENT. Has the site obtained necessary p Permit, if appropriate?	ennit coverage under the General Industrial			
OVERALL EVALUATION/ COMMENTS:				
RECEIVED BY:	HAZ MAT SPEC:		BADGE #	
			100	











#### Are containers protected from precipitation?







#### Is there spill containment?







Are drip pans, secondary containment, spill control devices implemented





Is there evidence of leaks or spills?







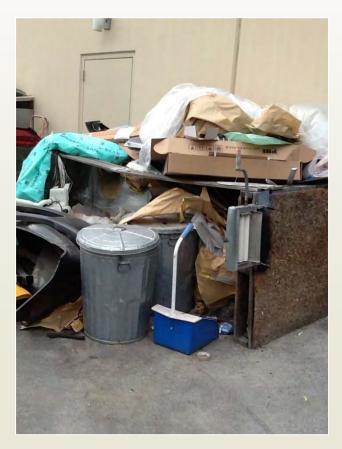
Is the surrounding area maintained clean and free of litter or debris?





Is there a designated, covered and contained waste storage area?





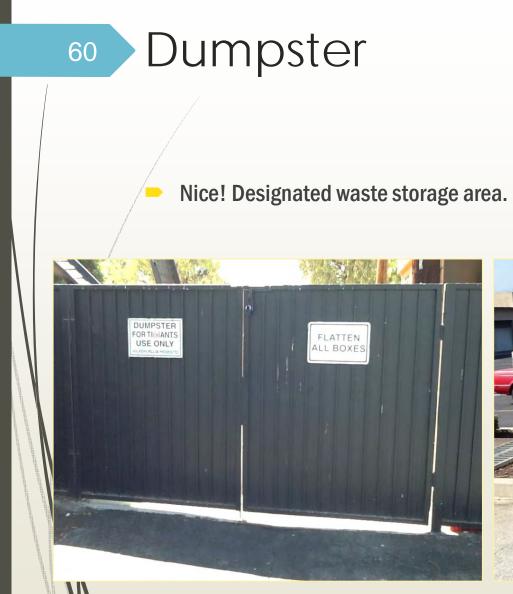


Are waste materials kept away from drainage conveyances?















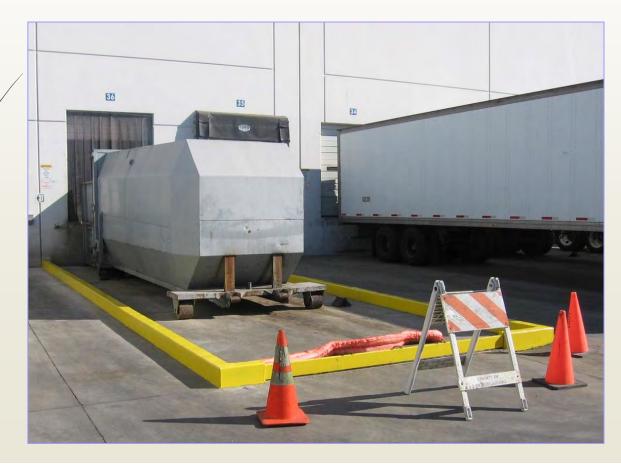
Functioning lids. Stored under cover.







#### Containment berm.





## 63 Aboveground Tanks

Are containers protected from collisions?





## 64 Aboveground Tanks

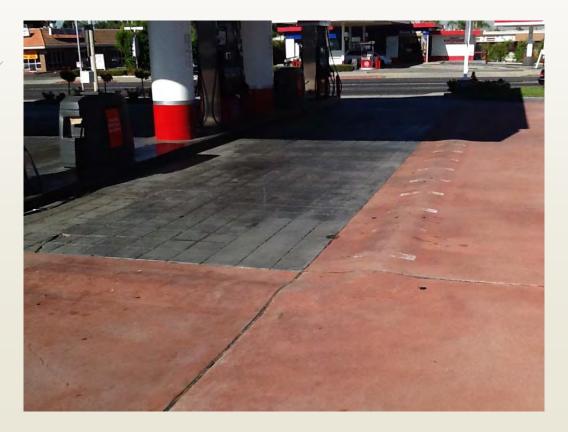
Are practices implemented to minimize contact between stormwater and vehicle fluids?





## 65 Aboveground Tanks

#### Spill containment?









Are drains appropriately labeled to indicate whether they flow into a treatment system such as an oil/water separator, the sanitary sewer, or directly to the stormwater drainage system?





Are sump drains properly labeled?





## <sup>69</sup> Onsite Storm Drain

Are materials stored on or near drainage system?







Look for evidence of illegal discharges or connections.





**Do storm drain inlets appear to be properly maintained and/or cleaned?** 

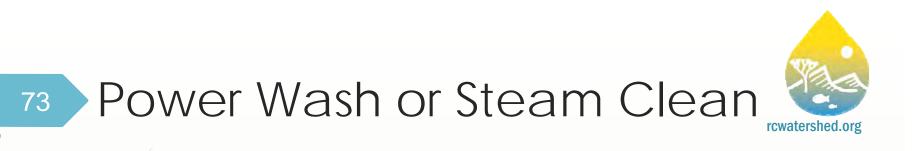




Are waste materials kept away from drainage conveyances?



- Location
- Location
- Location!



Does area properly collect and dispose of wash water?



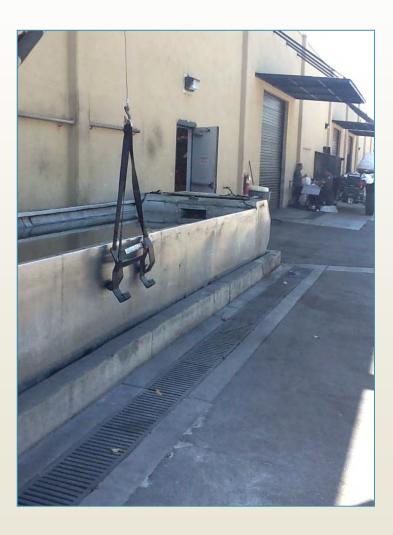


Does area properly collect and dispose of wash water?





Is the oil/water separator connected to the sanitary sewer?





#### Use dry methods when possible





Is wash water properly collected and disposed?





# 78 Parking Lot/Driveway

Is there evidence of oil or chemical spills?







# 79 Parking Lot/Driveway

Is there evidence of past accidental release of material to the storm drain?







# 80 Parking Lot/Driveway

Is there evidence of past accidental release of material to the storm drain?







#### <sup>81</sup> Parking Lot/Driveway

Are storage areas free and clear of leaks or drips?







### <sup>82</sup> Parking Lot/Driveway

Are drip pans placed under leaking vehicles and equipment?







# <sup>83</sup> Parking Lot/Driveway

Is idle equipment stored under cover?







# 84 Other: Non-Stormwater Discharges

Are non-stormwater discharges occurring at the site?





### Other: Outdoor Storage of Raw Materials

85

Are materials stored outdoors protected from precipitation or stormwater flows?





### 86 Other: Loading / Unloading Areas

Are loading and unloading areas regularly swept and kept clean?





#### 87 Other: Outdoor Equipment Operations

#### Are work areas covered with a permanent roof where possible?







#### Other: Outdoor Equipment Operations

88

Are process areas kept clean? Are they protected from stormwater flows?





# Other: Outdoor Loading/Unloading

89

Is there an ample supply of spill clean-up materials readily accessible located in the vicinity of the loading/unloading area?





# 90 Wash Water Disposal

Is mop water to sanitary sewer via clarifier?





# Imployee Education/ Awareness

Brochures or posters displayed?



#### GUIDELINES for disposal of washwater from:

- J Sidewalk, plaza or parking lot cleaning
- Vehicle washing or detailing
- Building exterior cleaning
   Waterproofing
- J Equipment cleaning or degreasing



#### <sup>92</sup> Industrial Facilities

- Is the SWPPP available for review?
- Has the site filed the Notice of Intent to obtain permit coverage?

#### DID YOU KNOW ....

YOUR FACILITY MAY NEED A STORM WATER PERMIT?



Many industrial facilities and manufacturing operations must obtain coverage under the Industrial Activities Storm Water General Permit





# Inspection Program – Food Facilities

Let's go through the Food Facility form

93

#### FOOD FACILITY STORMWATER COMPLIANCE SURVEY

FACILITY DBA	FACILITY# DATE			
ADDRESS	1	ACTIVITY	SERVICE CODE: 410	
COMPLIANCE AREAS	1	YES	NO	N/A
GREASE BARRELS/ INTERCEPTORS			-	-
1. Grease pumped/removed from grease interceptor on a regular b	oasis.		1	1
2. Grease interceptor located outside facility, maintained properly				
3. Evidence of spillage to ground surface at grease interceptor?				
EQUIPMENT CLEANING				*
4. The following items are cleaned in such a manner that all wash water it	s discharged to the sanita	ry sewer or i	is collected for p	roper disposal
a. Grease filters				
b. Floor mats				
c. Floors (mop water and rinse water)				
d. Grills				1
OUTSIDE AREAS				
4. The following areas are cleaned in such a manner that all wash water in	s discharged to the sanits	ry sewer or i	is collected for p	roper disposal
a. Sidewalk or outdoor seating			1	1
b. Drive thru and parking lot				·
DUMPSTERS AND RECYCLING CONTAINERS				
5. Food/liquid waste bagged and sealed before disposal.	7.1			
6. Dumpsters and recycling containers are covered.				
7. Spilled materials around containers are picked up regularly.				1
8. Wash water is discharged to the sanitary sewer or is collected for	or proper disposal.			
EMPLOYEE EDUCATION/ AWARENES5			+	4
9. Brochures or posters displayed.			T	1
10. BMPs observed.		-	-	
VERALL RATING		COOD	AVERAGE	NEEDS IMPROVEMEN
COMMENTS:			÷	
	Env. Health Specialist:			Badge #
Received by:				the second





#### 94 Grease Handling

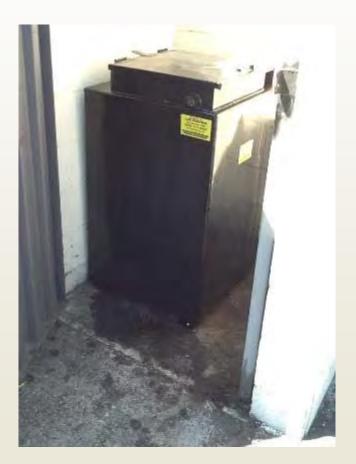
- Is outside grease interceptor properly maintained?
  - Grease storage is periodically inspected for leaks and spills
  - Surrounding area is maintained clean and free of residues
  - No evidence of illegal discharges













### <sup>96</sup> Equipment Cleaning

Is wash water from cleaning activities being properly discharged to the sanitary sewer?





### 97 Outside Area Cleaning

- Are the following areas being cleaned in such a manner that water and waste is being collected and disposed of properly?
  - Sidewalk and outdoor seating
  - Drive-through







Food/liquid waste bagged and sealed before disposal? Are containers equipped with functioning lids?





Spilled materials picked up regularly? Are there adequate number of trash receptacles?





Wash water discharged to the sanitary sewer or collected for proper disposal?





Are non-stormwater discharges occurring at the site?





# <sup>102</sup> Employee Education/ Awareness

Brochures or posters displayed?

