Routine Training for
Performing Stormwater Inspections
to Control Illicit Discharges
and Maintain Compliance

San Mateo County Environmental Health Commercial and Industrial Inspectors

April 17, 2014

Why are we doing stormwater inspections?

- Every city and the county are regulated under permit by the Federal CWA (NPDES)
 - Implemented by the SWRCB
 - Municipal Regional Permit (MRP)
- The MRP requires implementation of a commercial/industrial site control program
 - Inspect all sites which "could reasonably be considered to cause or contribute to pollution of stormwater runoff."
- We are audited and subject to penalties

Why are we doing stormwater inspections?

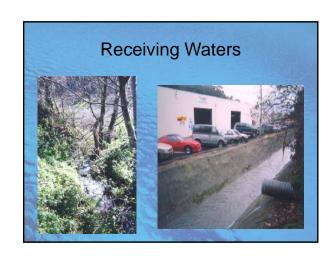
- Failure to do inspections cause compliance issues for us
 - Risk NOV/NOD
 - Risk fines
 - · Risk Scrutiny from decision makers
 - Jeopardize funding
 - Diminish our reputation as public servants

 Elk River chemical Spill, Charleston, W. VA.
- Uh... environmental protection?

How are we doing stormwater inspections?

- County Environmental Health has an agreement with the cities to conduct stormwater inspections at commercial/ industrial facilities that they already inspect
 - Excludes Daly City and South San Francisco
 - Does not cover every single program (e.g., housing, solid waste, smaller H.W. storage, etc.)
 - Does not mean that Environmental Health inspects every commercial/industrial facility within the cities.
- Cities are responsible for all other facilities







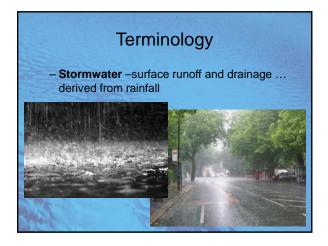
Terminology

- What are we protecting?
 - MS4 Municipal Separate Storm Sewer System
 - A conveyance, or system of conveyances, including roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, manmade channels, or storm drains
 - MS4 is not the sanitary sewer
 - MS4 is not a combined system
- The MS4 does not include treatment















Terminology • Pollutant – dredged soil, solid waste, incinerator residue, sewage, sewage sludge, garbage, munitions, chemical wastes, biological materials, radioactive materials, wrecked or destroyed equipment, rock, sand, cellar dirt and industrial, municipal, and agricultural waste discharge into water. - Some of these pollutants trigger action from other programs!



Discharge – Any addition of any pollutant to navigable waters (receiving waters) from any point sources or any addition of any pollutant to

point sources or any addition of any pollutant to the waters of the ocean from any point source, except water craft/vessels (ordinance)

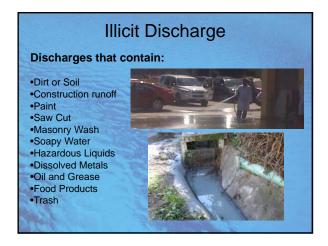
• More broadly, it can also mean a release or flow

Terminology

 More broadly, it can also mean a release or flow of stormwater <u>or</u> nonstormwater from a conveyance system or storage container (e.g., a facility or the MS4)













4/17/2014 4

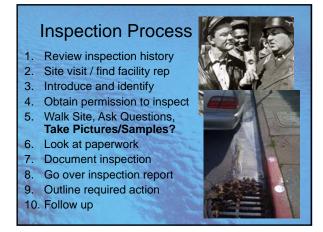






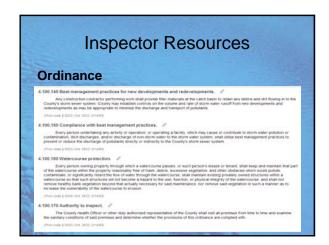
C.4 Inspection Components • Legal authority - Ordinance • The jurisdiction the inspection occurs is done under that jurisdiction's ordinance • Disclosure of violations and requirement to correct • 10-day compliance • Business Inspection Plan (BIP) • Enforcement Response Plan (ERP)

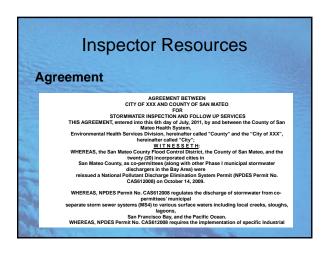
Staff trainingReporting

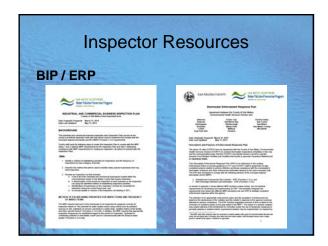


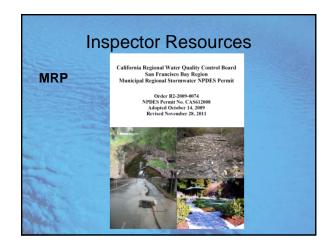
Inspector Resources • Public "incognito" page at www.flowstobay.org/inspectorresources - Not for public consumption • So please don't share it - Contains city and county ordinance and agreements, BIP, and ERP - Shortcut to the MRP permit and extracted sections for inspectors - Resources for BMPs - Example enforcement letters

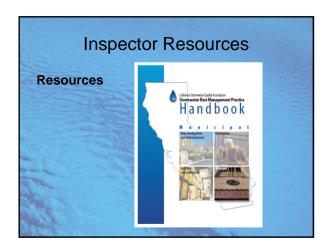
4/17/2014 5

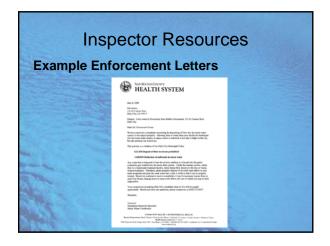
























4/17/2014 7

























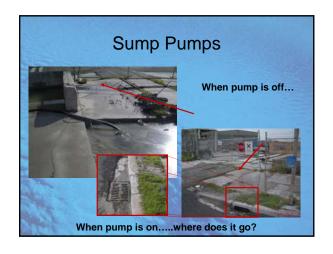


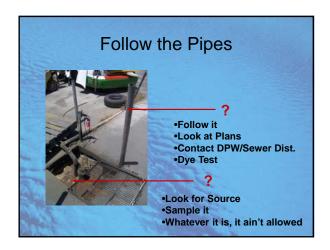


















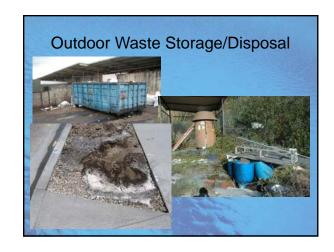


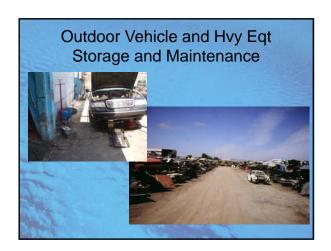






















Ending the Inspection

- Review observations, violations, mitigation requirements
- Give facility representative verbal warning for threatened releases and written warnings for violations
- Inform representative of next steps and consequences of non-compliance
- Get outta dodge

Follow-Up and Enforcement

- Write and send notice(s)
- Print/electronically file pictures
- Refer any issues to other agencies
- Conduct follow-up inspections as needed (within 10 days or before next rain)
- · Initiate enforcement as needed
- Progressive response
- Document return to compliance

