

Stormwater Pollution Prevention Commercial/Industrial Inspections

Carrie Sandahl, Water Environmental Specialist

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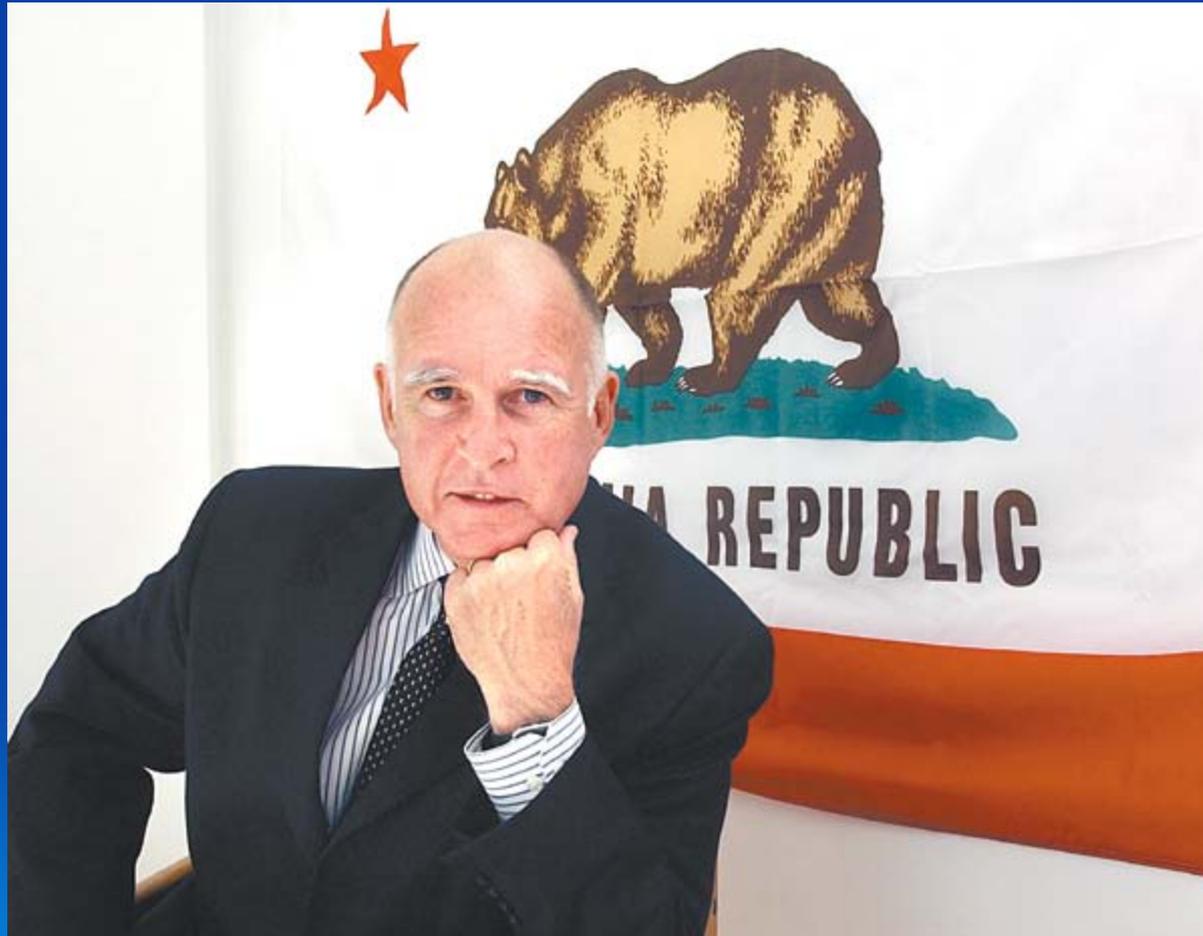
Fire and Environmental Protection Division

- Fire and Life Safety Inspections
- Underground Storage Tank Regulation
- Hazardous Materials Code Enforcement
- Hazardous Waste Treatment Regulation
- Industrial Pretreatment Inspection
- Stormwater Inspections

What is the problem?

- Storm water flows directly to creeks and the Bay with NO treatment
- Major source of water pollution
- Pollutants include: Heavy metals, sediment, trash, vehicle fluids, toxic pollutants (solvents and pesticides), nutrients
- Federal and State regulations require local agencies to control storm water pollution.

State Issues an NPDES Permit





NO DUMPING!
DRAINS TO BAY



Types of Facilities Inspected

- Industrial Facilities – State Regulated Sites
- Vehicle Service Facilities
- Food Service Facilities
- Construction yards, corporation yards
- Facilities with outdoor process or storage
- Manufacturing
- Machine shops
- Other facilities with violations or threat of discharge.

Inspections

- Storage areas, including trash areas
 - Process areas
 - Equipment discharges
 - Washing/cleaning practices
 - Illegal Dumping
 - Materials and Waste Handling (record keeping)
 - Employee training
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Storage Areas

- Areas should be kept clean.
 - Manage spills and leaks.
 - Close lids on dumpsters.
 - Secondary containment.
 - No drains in chemical storage areas.
 - Covered enclosures required for new construction.
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Storage Examples



Storage Examples



Storage examples



Chemical Storage



Industrial/Commercial Processes

- Evaluate processes for exposure
- Discourage/prohibit processes outside.
- Require Best Management Practices (BMPs)
- Process equipment includes ventilation to the roof.



Equipment Discharges

- Most equipment should drain to sanitary sewer (ex. Cooling tower, boiler, air compressor)
- Repair leaks
- Clean spills
- Implement BMPs



Equipment Examples – Illegal Discharge



Equipment Leaks



Equipment Repairs



Washing and Cleaning Practices

- Equipment wash water must be drained into a fixture that is plumbed to the sewer system (mop sink, wash pad)
 - Wash water is not allowed to drain into the storm drain.
 - Spilled material must not be washed to the storm drain.
 - Use “dry” cleanup method for spills.
 - Have spill cleanup kit(s) available.
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Washing and Cleaning



Washing and Cleaning



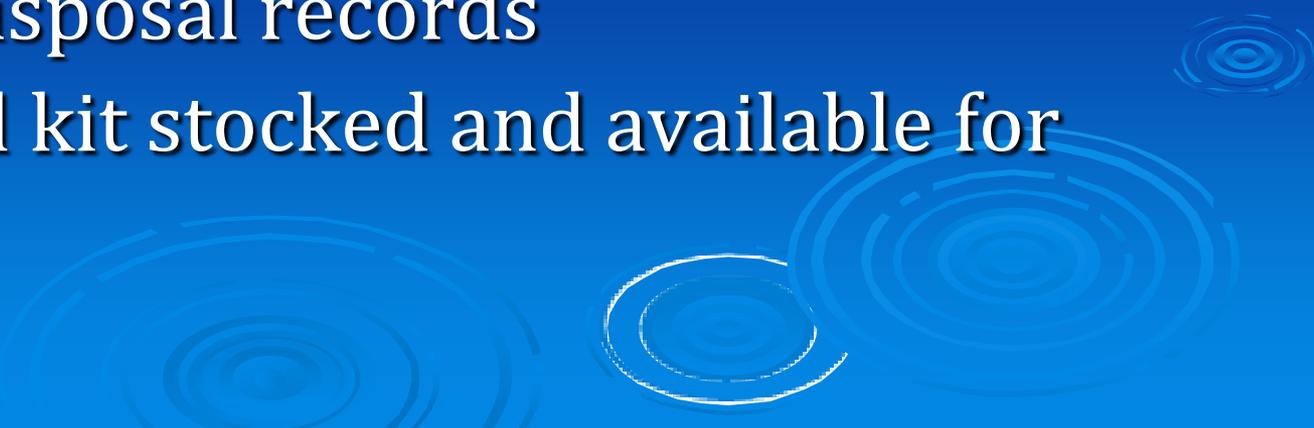
Washing and Cleaning



Illegal Dumping



Material and Waste Handling

- Similar to storage requirements
 - Handle materials in a way that reduces the chance for spills and leaks
 - Liquids must be stored in containers with tight fitting lids - hazardous materials must be stored in secondary containment
 - Maintain disposal records
 - Keep a spill kit stocked and available for use.
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Material and Waste Handling



Waste and Handling



Waste and Handling



Waste and Handling



Waste and Handling



Waste and Handling



Employee Training

- Probably the most important aspect of stormwater pollution prevention
- Most incidents are avoidable
- Required for some types of facilities and strongly recommended for ALL types of facilities.



Thank you....Questions



Contact Information

➤ Carrie Sandahl – 650-903-6224

carrie.sandahl@mountainview.gov

Forms available at:

www.ci.mtnview.ca.us

Departments>>Fire>>Programs &
Services>>Environmental Safety