



City of Huntington Beach Water Quality and Storm Water Program

Topics

- Brief history of the Storm Water Program
- Storm Water Inspection Programs
- General Best Management Practices (BMPs) for Businesses
- What the City is Doing to Address Water Quality Pollution
- Questions

Sewer vs. Storm Drain



- Sanitary sewer (indoor plumbing)
 - Drains to waste water treatment facility which treats sewage
- Storm drain
 - Drains untreated into local water bodies (lakes, rivers, ocean)

Brief History of the Storm Water Program

- Clean Water Act passed in 1972
- Developed into National Pollutant Discharge Elimination System (NPDES)
 - Administered by EPA – Federal level
- Administered by Water Quality Control Board – 9 Regions



Fourth Term NPDES Stormwater Permit

- Adopted May 2009 (next permit to be adopted in October 2015?)
- Issued by Santa Ana Regional Water Quality Control Board
- County of Orange is the lead permittee; 26 Cities are co-permittees
- Covers all discharges into City storm drain system
- Five years permit cycle 2009-2014
- Primary requirements: prohibit non-stormwater discharges and reduce pollutants



Sources of Pollution

- Homes
- Construction sites
- Industrial facilities
- Commercial facilities
- Municipal facilities



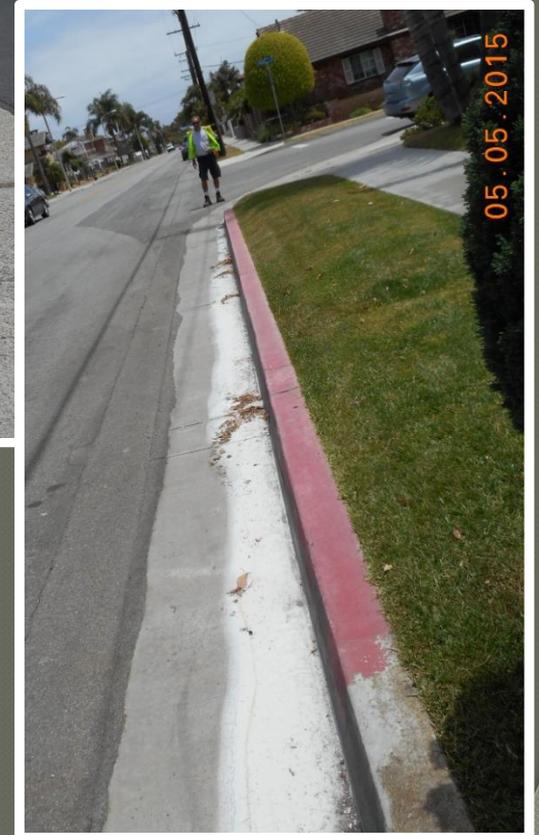
Homes

Common Issues

- Waste Paint Disposal
- Pool Maintenance
- Pressure Washing
- Concrete/Grout/Stucco
- Leaking Vehicles

Clean up

- By Resident or City Staff



Construction Sites

Common Issues

- Sediment tracking into street
- Trash and debris
- Concrete/grout/stucco

To limit construction pollution impacts we conduct inspections

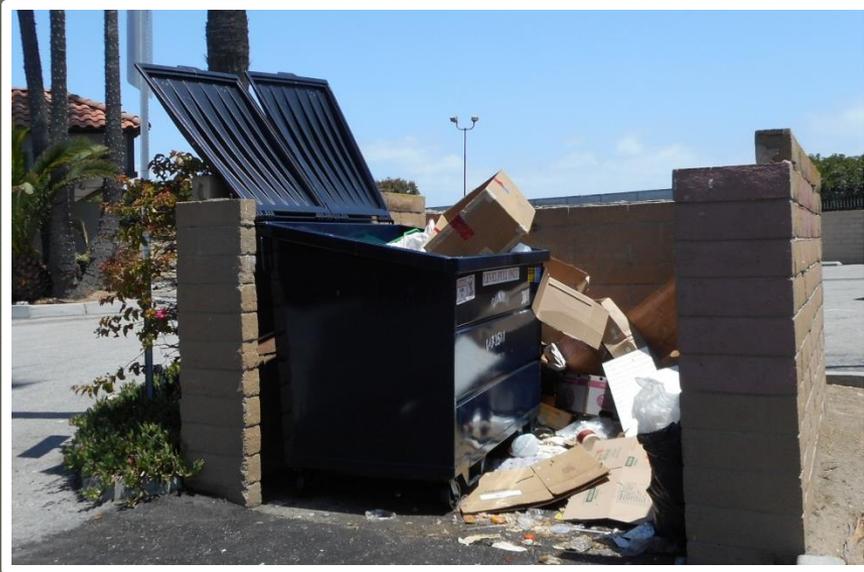
- 301 sites last year
- 354 inspections completed



Commercial and Industrial Businesses

- Commercial
 - 272 Commercial facilities
- Industrial
 - 319 Industrial facilities

- Common Issues
 - Trash and debris
 - Material storage
 - Leaking equipment



Best Management Practices (BMPs) for Businesses

- Train staff (most important BMP)
 - Part of the solution & not the problem
 - Assign responsibility
 - Document training
 - Make it part of other routine training or certification training events



♥
KEEP
CALM
AND
DO LOVE
TRAINING

Best Management Practices (BMPs) for Businesses



General BMPs

- Sweep exterior and interior surfaces on regular basis (at least weekly)
- Identify sources of high trash generation and address at source
- Keep lids to refuse bins closed at all times
- Store all liquids indoors (if possible)
 - Spill kit

Best Management Practices (BMPs) for Businesses

Material Storage

- Cover all raw products
- Store away from path of water and off the ground

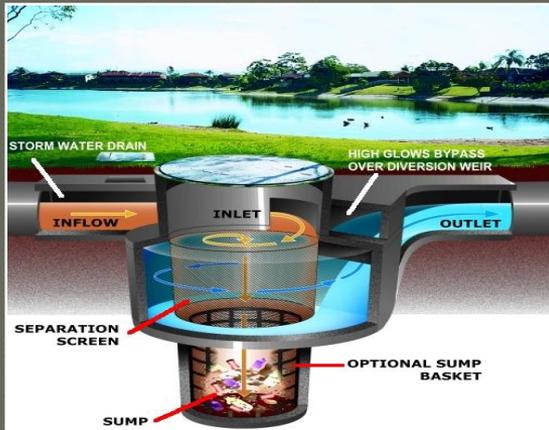


Cigarette litter

- Big problem
- Train staff to be accountable
- Provide adequate disposal receptacles



What is HB Doing to Protect Water Quality



- Installed 11 CDS units to capture trash and debris
 - 8 along the coast
 - Prevents trash and other debris from discharging to ocean
 - Cleaned twice a year

Municipal Facilities/Activities 2013/2014

Drainage System:

- 1721 Catch Basins cleaned
- 8.4 miles of Channels cleaned
- 15 pump station forebays
- 157 tons of debris removed



Street Sweeping:

- 3,285 tons of debris removed

Household Hazardous

Waste Collection:

- 20,612 gallons of motor oil
- 1789 used oil filters



Sewer Diversion Program

- Diversion Stations (11 stations)

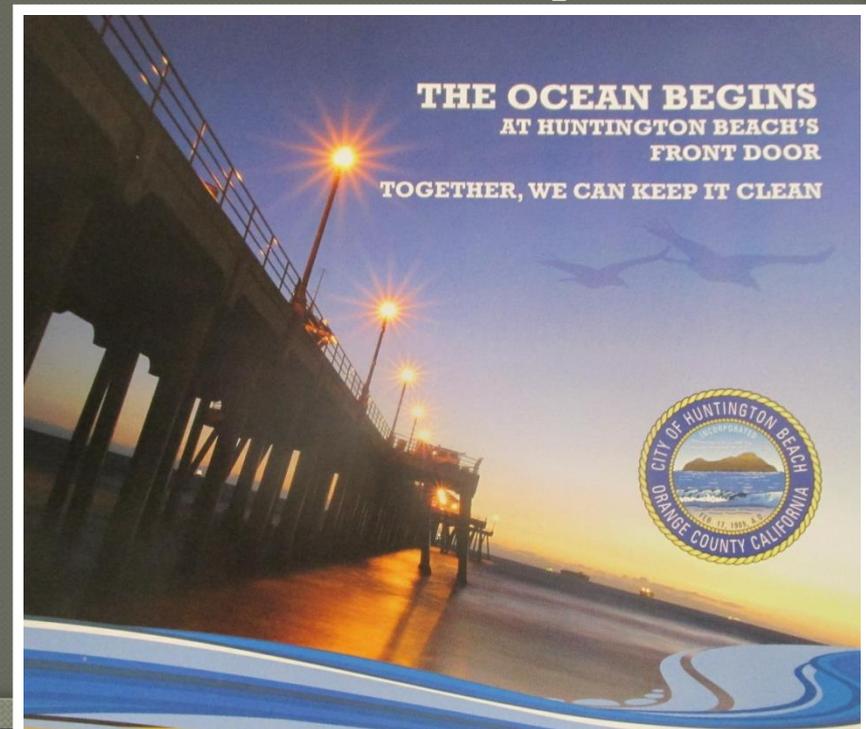
- Adams
- Flounder
- Hamilton
- Indianapolis
- Meredith
- Yorktown
- Newland
- Banning
- Atlanta
- Scenario
- 1st and PCH

- Divert up to a maximum of 4 mgpd



Public Education & Outreach

- Annual Coastal Clean Up Day
- Centennial Celebration
- Green Expo Day
- Distribute education materials at city facilities & events
- Published articles
- Earth Day
- HBTv 3 Ads
- OverwateringisOut.org



Report Pollution

Surfcity Pipeline

- www.huntingtonbeachca.gov

Pollution Hotline

- (714) 536-5431, Mon-Fri, 8am – 5pm
- (714) 960-8825, After hours

The screenshot shows the homepage of the City of Huntington Beach's Surf City Pipeline service. At the top, there is a navigation bar with links for Translate, Sitemap, Contact Us, and Search. Below this is the city logo and the text 'CITY OF HUNTINGTON BEACH CALIFORNIA' and 'Surf City USA'. A secondary navigation bar contains links for Home, I Want To..., Residents, Visitors, Businesses, Government, Services, and About HB. The main content area features the 'Surf City Pipeline' logo with the tagline 'Service & Info 24/7'. To the right of the logo is a Google Translate widget. Below the logo, there is a paragraph stating: 'This site is designed to provide you with the opportunity to access City Hall, 24-hours a day, 7-days a week.' This is followed by a paragraph explaining the service request process: 'If the information you are seeking is not indicated within the links below, select "Make a Service Request" and complete the easy-to-use form. Your request will immediately and automatically be routed to the proper City department for prompt resolution. You will receive notification of the status via e-mail or phone.' Another paragraph says: 'So, go ahead, ask a question, request a service, or give us some feedback. We are here to serve YOU.' Below this is a 'Quick Find' section with a search bar and a 'Search' button. The 'Top 10 Answers' section lists various services and programs, including City Council - Comment on an Agenda Item, SANDS Home Delivery, Huck Finn Fishing Derby, Surf Contest - Locals Only, Unclaimed Funds, Human Services - 211 Orange County, Senior Center - New Facility, Noise Complaints (Non-Police related), Contacting Code Enforcement / Neighborhood Preservation, and City Council - Comment on a Non-Agenda Item. The 'Topics by Category' section lists Addressing Initiative and Insurance.

Translate | Sitemap | Contact Us | Search

CITY OF HUNTINGTON BEACH CALIFORNIA Surf City USA®

Home | I Want To... | Residents | Visitors | Businesses | Government | Services | About HB

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Google Translate
(Select language) ▼

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Quick Find

Search by key words to find answers quickly:

Top 10 Answers

- City Council - Comment on an Agenda Item
- SANDS Home Delivery
- Huck Finn Fishing Derby
- Surf Contest - Locals Only
- Unclaimed Funds
- Human Services - 211 Orange County
- Senior Center - New Facility
- Noise Complaints (Non-Police related)
- Contacting Code Enforcement / Neighborhood Preservation
- City Council - Comment on a Non-Agenda Item

Topics by Category

- Addressing Initiative
- Insurance

Questions?



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