



## MINUTES

### CITY OF HUNTINGTON BEACH PUBLIC WORKS COMMISSION JANUARY 15, 2014

**Call to Order/  
Pledge of Allegiance:** The meeting was called to order at 5:02 p.m. by Chairperson Thomas, who led Commissioners and the audience in the Pledge of Allegiance to the Flag.

**Commissioners Absent:** None

**Commissioners Present:** Commissioners Thomas, McGovern, Hart, Brenden, Berge, Carr, and Cook were in attendance.

**Others Present:** Travis Hopkins, Director of Public Works  
Tom Herbel, City Engineer  
Terri Elliott, Principal Civil Engineer  
Debbie Debow, Principal Civil Engineer  
Ken Dills, Project Manager  
Kirsty Wapner, Administrative Assistant

#### **B. PRESENTATIONS-COMMENDATIONS**

None.

#### **C. MINUTES**

C-1. Motion by Commissioner Cook, seconded by Commissioner Berge to approve the minutes of October 16, 2013 as presented.

VOTE: The motion carried.  
AYES: 6  
NOES: 0  
ABSENT: 0  
ABSTENTIONS: 1 (Thomas)

#### **D. ORAL COMMUNICATIONS**

None.

## **E. DIRECTOR'S ITEMS**

- E-1. General Plan Update- Travis Hopkins has asked Commissioners McGovern and Thomas to complete the General Plan Update questionnaire.
- E-2. Travis Hopkins reminded the Commissioners that February is the annual reorganization of the Commission and a new Chair and Vice-Chair will then be selected.

## **F. INFORMATION ITEMS**

- F-1. Upcoming City Council Study Sessions – Travis Hopkins noted the Study Session in the agenda packet is old. Ken Dills pulled the 2014 version up on the computer. Hopkins stated the Strategic Planning session will be held Friday, January 31 at the Library. Tom Herbel added that the Senior Center is going to Study Session in mid-March.
- F-2. Active Capital Project Report – Tom Herbel provided updates on the capital project report. The Atlanta Avenue Widening project is currently in the right of way acquisition process. Construction advertisement will go out in 6-8 months. The City has some federal funding for this. Lakeview Drive Sidewalk and Retaining Wall is substantially complete with only slurry seal and striping remaining. 7<sup>th</sup> Street street light replacement is completed. Mr. Hopkins noted these are LED lights. Meredith Pump Station Expansion will be brought to the Public Works Commission in a couple months. Slater Channel Improvements is complete. Pier Piling, a 5 year program to perform maintenance will begin in a month and should last about 2.5 months. Murdy and Magnolia Fire Station Parking Lot repairs are complete. South Beach Parking Lot kickoff is next Monday. Work will begin after the marathon. The Algonquin/ Boardwalk Lift Station is substantially complete and will be switching to new pump stations soon. This should be complete in a few months. New flyers were distributed to residents last Thursday. Beach Blvd Sewer Replacement was awarded. This is all night construction and will start in three weeks. Water Main Replacement at Sunset Beach Area will start construction in a few weeks and includes upgrading five fire hydrants. Commissioner Cook inquired about the status of the County and Wintersburg project. Tom Herbel stated the sheet piling is in and project should be complete in a few months.
- F-3. OCSD Diversion Program – Terri Elliott presented a PowerPoint on dry weather diversions in Huntington Beach. PowerPoint presentation is attached to these minutes. Commissioner Berge had asked about budget for repairs. Hopkins responded this is in the unfunded list.

## **G. ADMINISTRATIVE ITEMS**

G-1. Arterial Rehabilitation – Tom Herbel reported on the plans and specifications for FY 13/14 arterial rehabilitation project for locations of Argosy Drive, Yorktown Ave, and 6<sup>th</sup> Street. The projects consist of rehabilitation methods including standard overlay with rubberized asphalt, grinding out failed asphalt, and replacing with fiber reinforced asphalt concrete.

Motion by Commissioner Cook, seconded by Commissioner Berge, to approve that the FY 13/14 Arterial Rehabilitation Project is in general conformance with the approved CIP.

VOTE:           The motion carried.  
AYES:           7  
NOES:           0  
ABSENT:        0  
ABSTENTIONS: 0

**H. WRITTEN COMMUNICATIONS**

None.

**I. COMMISSION AND STAFF COMMENTS**

None.

**J. ADJOURNMENT**

The meeting adjourned at 6:10 PM to February 19, 2014 at 5:00 PM at the Utilities Yard.

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Jennifer Thomas  
Chairperson

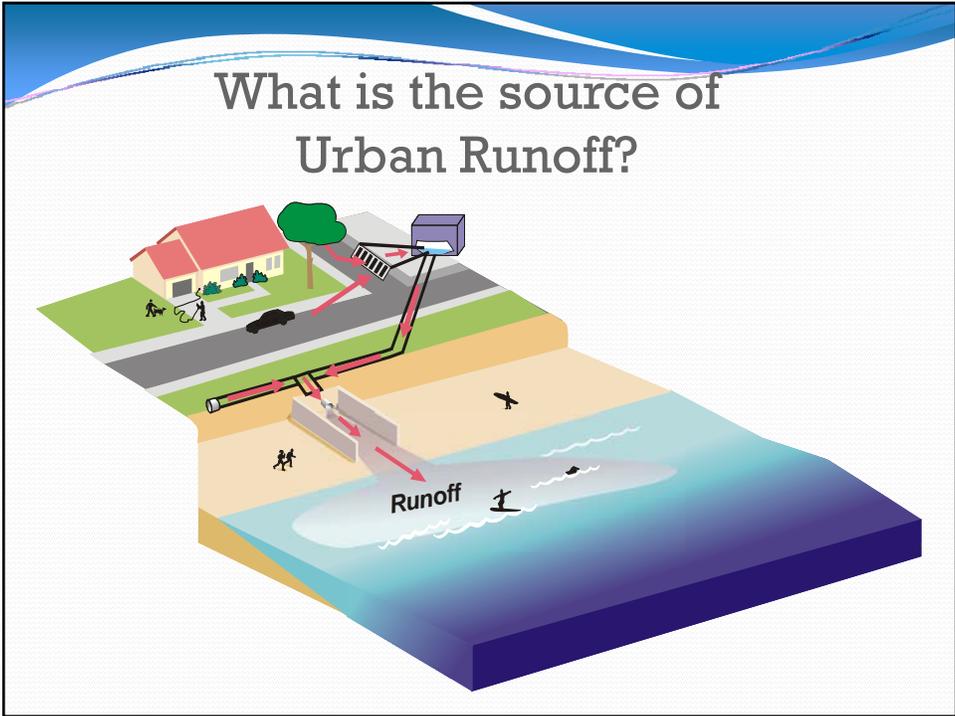
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Kirsty Wapner  
Administrative Assistant



**City of Huntington Beach  
Public Works Commission  
Urban Runoff – Dry Weather Diversion  
January 15, 2014**





**HISTORY OF DRY WEATHER  
DIVERSION  
IN THE  
CITY OF HUNTINGTON BEACH**

## Beach Closures



## AB411 Monitoring Program



- Began implementing AB411 regulations on July 26, 1999
- To provide uniform & consistent bacteria monitoring for CA
- Requires 1x/week ocean water monitoring for bacteria
  - From April 1 through October 31
  - For beaches with at least 50,000 visitors per year
  - Adjacent to flowing storm drains
- Each sample is analyzed for three indicator bacteria
- Must notify public if bacteria levels exceed State standards

## State Standards for Indicator Bacteria

### Single Sample Standards:

- Total Coliforms **10,000** organisms/100 milliliters of sample
- Fecal Coliforms **400** organisms/100 milliliters of sample
- Enterococci **104** organisms/100 milliliters of sample



### 30-Day Geometric Mean Standards:

- Total Coliforms **1,000** organisms/100 milliliters of sample
- Fecal Coliforms **200** organisms/100 milliliters of sample
- Enterococci **35** organisms/100 milliliters of sample



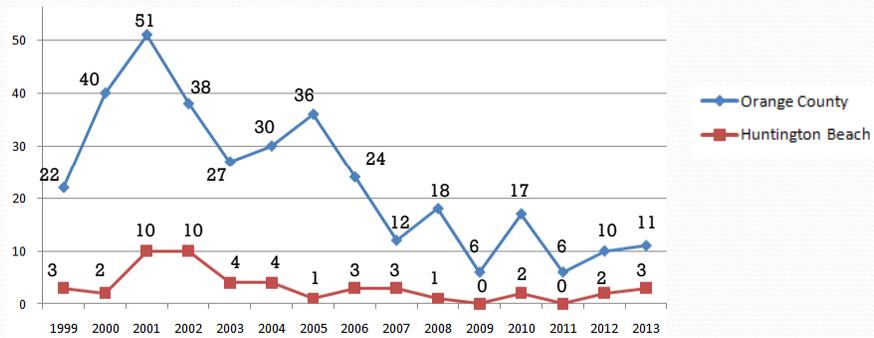
If standards are exceeded – Public Notification is required.

## Our Metric: Beach Mile Days (BMD)

- A measurements that takes into account both the length of beach and the amount of time a posted warning is in place.  
(Miles of Beach Posted) X (Number of Days Posted ) = Beach Mile Days.
- Example: ½ mile of beach posted closed for 4 days = 2 BMD  
(0.5 mile of beach posted) X (4 days) = 2.0 Beach Mile Days.
- Beach Mile Days represents the public's loss of beneficial use and allows for beach to beach comparisons.



# 1999 AB 411 Ocean Water Contact Sport Standards Beach Closures 1999 - 2013

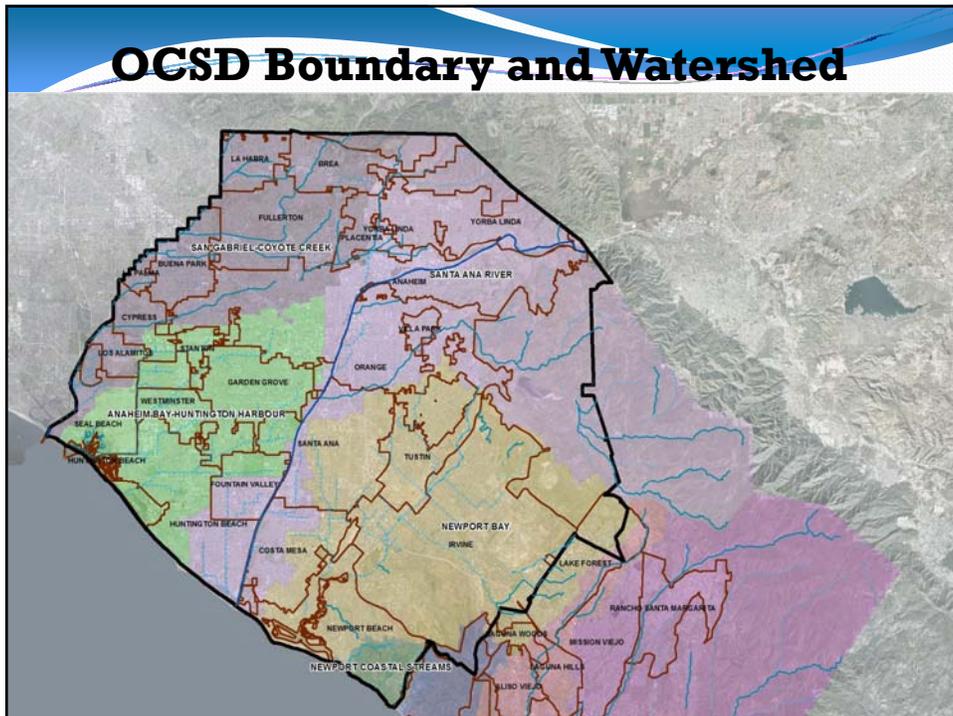


## www.ocbeachinfo.com

The screenshot shows the website interface for the Ocean Water Protection Program. At the top, there is a navigation bar with links for Home, Water Quality, Environmental Health, Health Care Agency, County of Orange, and Contact Us. Below this is a banner for the Ocean Water Protection Program. A Google Search bar is present on the left. The main content area features a map of Orange County beaches with green markers indicating water quality status. A legend above the map explains the markers: green for meeting standards, yellow for exceeding standards, and red for sewage-contaminated water. A menu bar allows users to view the map and current water quality status for specific beaches like Huntington Beach, Newport Beach, Laguna Beach, Dana Point, and San Clemente.

# DRY WEATHER DIVERSION PERMITS WITH ORANGE COUNTY SANITATION DISTRICT

## OCSD Boundary and Watershed



**City of Huntington Beach  
11  
Dry Weather Diversion Permits  
with  
Orange County Sanitation  
District**

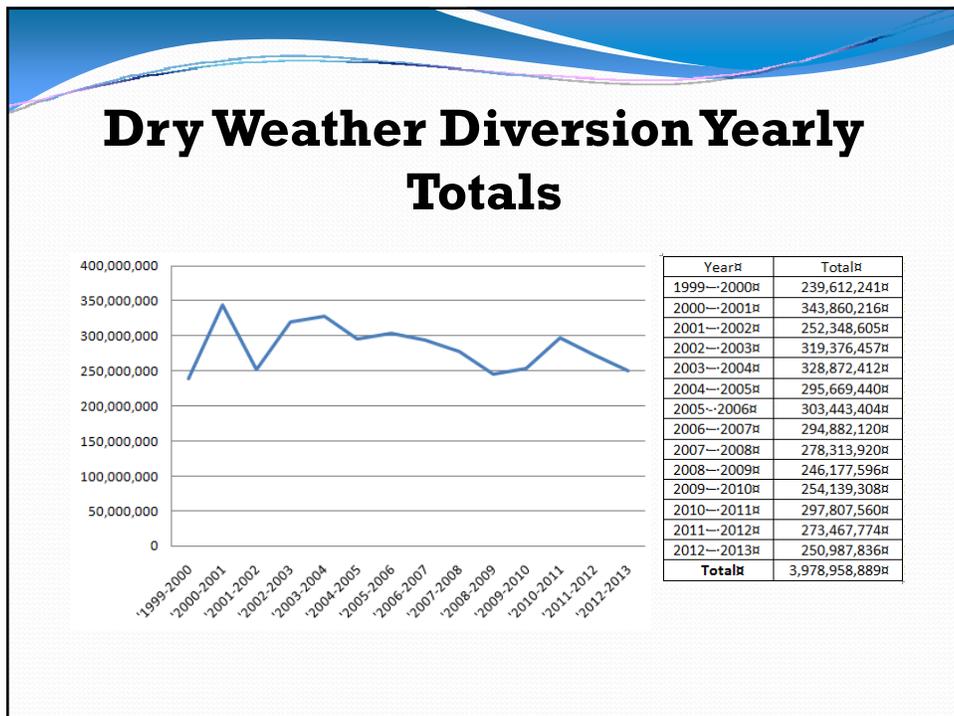
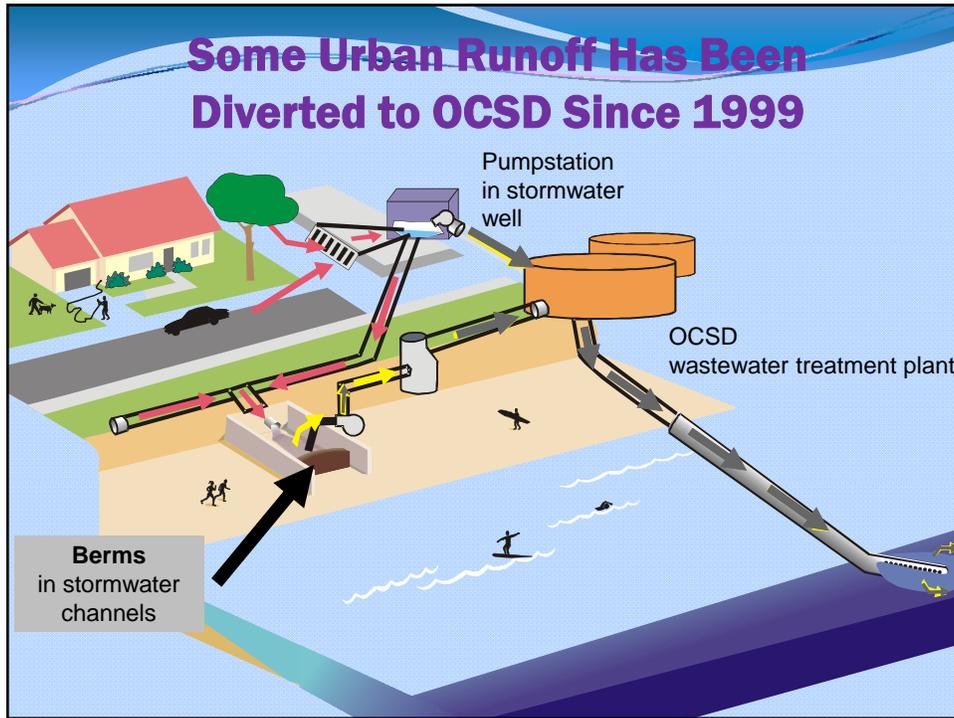
**Location of Diversions:**

- Adams
- Flounder
- Hamilton
- Indianapolis
- Meredith
- Yorktown
- Newland
- Banning
- Atlanta
- Scenario
- First Street



## **Diversion Facts:**

- November 1999 – 3 pump stations began diversion
- June 2000 – 6 additional pump stations were added
- October 2005 – 1 pump station added
- June 2006 – last diversion permit issued to the City at First Street

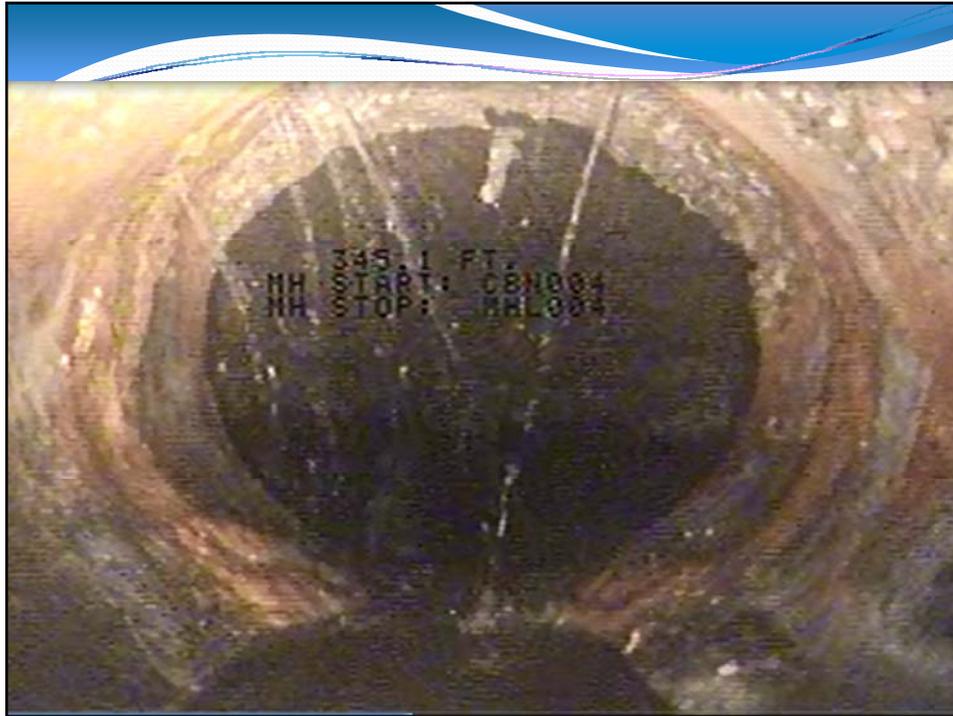


## What is Next?

- Reduce the amount of dry weather flow to OCSD
  - CCTV storm drain lines leading to each diversion location
  - Determine if there is infiltration
  - Repair storm drain lines

## Hamilton Storm Drain with Infiltration







## Pipe Repair



## Completed Pipe Repair



## Storm Drain Priorities

- Hamilton (38 million gallons/year)  
Completed August 2013
- Banning (31 million gallons/year)
- Newland (72 million gallons/year)
- Atlanta (64 million gallons/year)



