

Agenda

Updates from Local Agencies

AES Energy Project

Ascon

Orange County Sanitation District

Updates from City of Huntington Beach

City Manager's Office

Public Works

Community & Library Services

Community Development

Police Department

AES

HB Southeast Area meeting

**AES Huntington Beach Power plant
May 2023 Monthly meeting**



Power Plant Emergency Notification system

Emergency Notification System

- ♦ Combination of speaker and strobes for plant emergencies
- ♦ Automated pre-recorded messages and tones for various types of emergencies

Activation Types

- 1 Earthquake
- 2 Tsunami
- 3 Explosion/Fire
- 4 Active Shooter
- 5 Chemical (Ammonia release / Natural Gas Leak / Lube Oil)
- 6 General Emergency Assembly / evacuation
- 7 Physical Security Breach / Intruder
- 8 Test
- 9 Training Test



**Structure Mounted 1600W High
Powered Speaker Stations (4)
with**

- 4 Strobe lights
- 4 Solar Panels

Power Plant Emergency Notification System

Installed speaker locations

General Emergency
Assembly



Robert Mayer Leadership Academy (RMLA) - 2023

- RMLA team visited AES Huntington Beach Power Plant on Economy & Private Sector day
- Team learned operations of the legacy Boiler and Steam turbine (Built in 1955) and the latest State-of-the-Art technology Combined Cycle Gas Turbine



ASCON

Ascon Project Progress

- The Ascon project team and DTSC met in technical exchanges to develop specific work to be piloted onsite to help determine the next steps towards completion of the cleanup. Workplans were approved in April/May 2023 to pilot test Engineered Misting Containment (EMC) and Soil Vapor Extraction (SVE) onsite.
- DTSC is hosting a community meeting, an in-person open house followed by a virtual presentation on Wednesday, May 31. The week of May 8th, a DTSC Community Update was mailed to approximately 10,000 households within a 1-mile radius around the Site and 2,200 Edison High School families. Ascon circulated an eblast to 380 email subscribers with the DTSC Community Update and links to technical explainers on the pilot work.
- Pilot work is expected to begin in June and continue through August 2023.
- Results from the pilot work will inform the final remediation work and schedule.

DTSC Open House, Virtual Community Meeting

- The open house is on Wednesday, May 31, at the Senior Center in Central Park, and the virtual (Zoom) meeting will take place that evening.
 - Open House: 4–6 p.m.
 - Virtual Meeting: 7–8:30 p.m.
- At the open house, information about the Site and the proposed work will be available. DTSC and the third-party technical advisor (Andrew Cherene) will be on hand to discuss the project and answer questions about the Ascon Site history, planned pilot work and next steps.
- The virtual presentation will focus on the planned work and is another opportunity for the community to ask questions.

CLEANUP PROGRAM

MAY 2023

COMMUNITY UPDATE

Department of Toxic Substances Control – Our mission is to protect the people, communities, and environment of California from harmful chemicals by cleaning up contaminated sites, enforcing hazardous waste laws, and compelling the development of safer products.

Ascon Landfill Site Pilot Testing of Odor Control Technologies to Restart Remediation 21641 Magnolia Street, Huntington Beach, California

The Department of Toxic Substances Control (DTSC) invites you to an informational community open house and a virtual presentation to provide an update on the upcoming field pilot testing to be conducted at the Ascon Landfill Site, located at 21641 Magnolia Street in Huntington Beach.

An in-person community open house will be held at the Huntington Beach Senior Center from 4:00 - 6:00 p.m. where DTSC representatives will share information one-on-one and answer your questions on the project and upcoming work. The open house will be followed by a virtual presentation from 7:00 - 8:30 p.m. via Zoom.

Community Meeting Announcement

Please join DTSC for an open house and a virtual presentation on upcoming pilot testing at the Ascon Landfill Site. DTSC is committed to keeping the community informed on major activities related to the Site.

Date: Wednesday, May 31, 2023

Open House: The open house will be held from **4:00 to 6:00 p.m.** at:
Senior Center in Central Park, 18041 Goldenwest St, Huntington Beach, CA 92648

Virtual Meeting: The Virtual Presentation will be held on Zoom from **7:00 to 8:30 p.m.**

Where: <https://dtsc-ca-gov.zoom.us/j/89510726948>

Meeting Call In: +1 669 444 9171 US

Webinar ID: 895 1072 6948

A copy of the presentation will be available on the DTSC EnviroStor Database:



The virtual presentation will be recorded. If you do not have the opportunity to view this live event, it will be available to view approximately one week after the live event on our [YouTube channel \(DTSCGreen\)](#)

Pilot Test Work: Engineered Misting Containment (EMC)

During the April - May 2020 northwest berm emergency repair, Ascon used Enhanced Odor Mitigation (EOM) technologies, including Posi-Shell® and CupriDyne® Clean, to successfully manage odors during excavation. These enhanced technologies were not previously used in work prior to 2020.

EMC expands upon the EOM technologies by adding mesh awnings, mesh walls and barrier walls to minimize the amount of misted odor suppressant that leaves the excavation area. The EMC method enables more robust delivery of misted or sprayed odor suppressants.



CupriDyne® Clean being used during north berm emergency repair.

Pilot Test Work: EMC

EMC pilot test work will include:

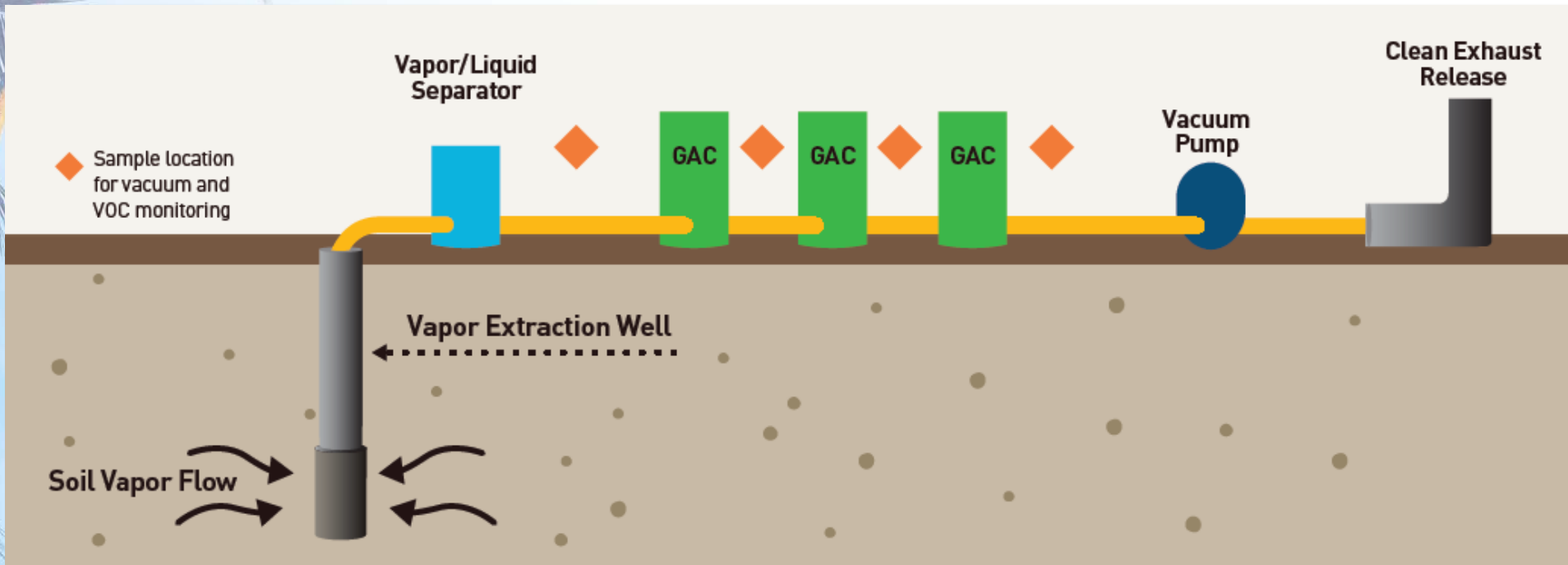
- Evaluating the capture of odor suppressant mist near the southern Site perimeter using a variety of mist capture configurations
- Ongoing air and odor monitoring at the Site and in the community
- Analyzing air monitoring data and observations to confirm the overall effectiveness of odor-reducing strategies

EMC variations planned for pilot testing:

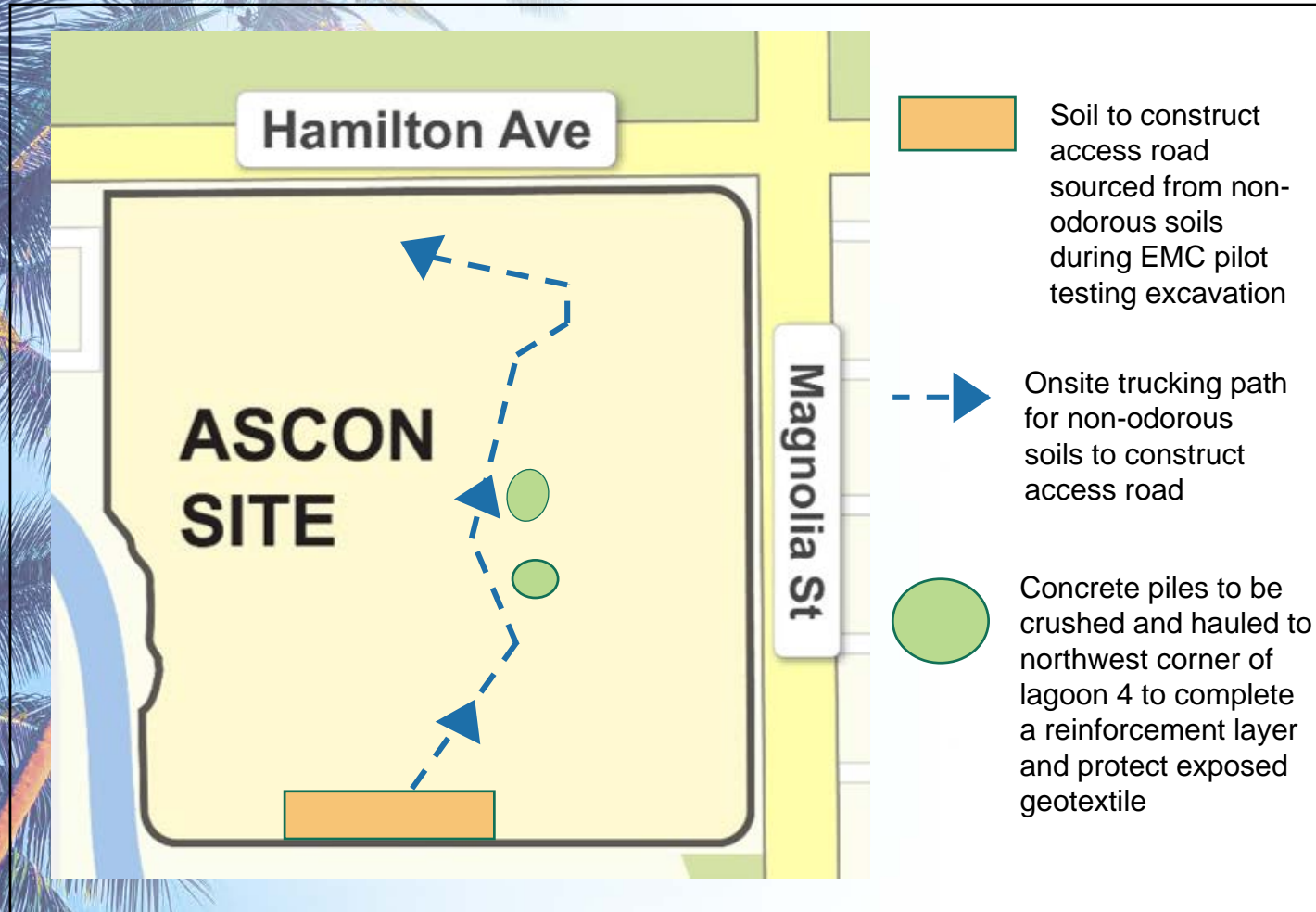


Pilot Test Work: Soil Vapor Extraction (SVE)

SVE uses a vacuum to remove vapors from the subsurface by drilling a well approximately four inches in diameter into contaminated soils, pulling vapors through the soil and up the well. The extracted vapors are cleaned with granular activated carbon (GAC) through a treatment system above ground, prior to being released to the air.



Onsite Concrete Crushing, Access Road Construction and Lagoon 4 Reinforcement



- This work will occur in parallel with the EMC and SVE pilot work and is expected to take approximately two weeks.
- All concrete to be crushed has been tested for asbestos, with none found.
- Dust and odor mitigation technologies, including CupriDyne® Clean and Posi-Shell®, will be utilized during this work.
- Air quality monitoring onsite, and in the community, including odor monitoring within the adjacent neighborhood, will be ongoing during this work.

Planned Next Steps After Pilot Work

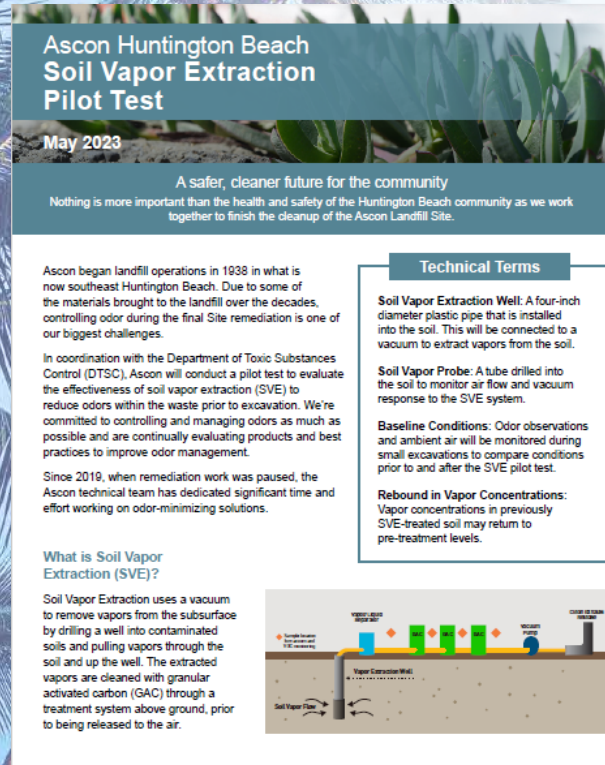
Ascon EMC,
SVE Pilot Work
3 MONTHS

Pilot Test
Reporting
1 MONTH

Restart Plan
Finalization
3 MONTHS

Final Remediation Work, including excavation,
grading and the capping of the Site
18 MONTHS - 2 YEARS

Ascon Pilot Work Technical Explainers



Ascon Huntington Beach Soil Vapor Extraction Pilot Test

May 2023

A safer, cleaner future for the community

Nothing is more important than the health and safety of the Huntington Beach community as we work together to finish the cleanup of the Ascon Landfill Site.

Ascon began landfill operations in 1938 in what is now southeast Huntington Beach. Due to some of the materials brought to the landfill over the decades, controlling odor during the final Site remediation is one of our biggest challenges.

In coordination with the Department of Toxic Substances Control (DTSC), Ascon will conduct a pilot test to evaluate the effectiveness of soil vapor extraction (SVE) to reduce odors within the waste prior to excavation. We're committed to controlling and managing odors as much as possible and are continually evaluating products and best practices to improve odor management.

Since 2019, when remediation work was paused, the Ascon technical team has dedicated significant time and effort working on odor-minimizing solutions.

What is Soil Vapor Extraction (SVE)?

Soil Vapor Extraction uses a vacuum to remove vapors from the subsurface by drilling a well into contaminated soils and pulling vapors through the soil and up the well. The extracted vapors are cleaned with granular activated carbon (GAC) through a treatment system above ground, prior to being released to the air.

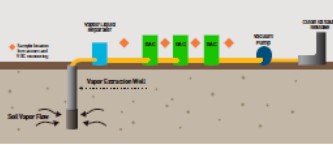
Technical Terms

Soil Vapor Extraction Well: A four-inch diameter plastic pipe that is installed into the soil. This will be connected to a vacuum to extract vapors from the soil.

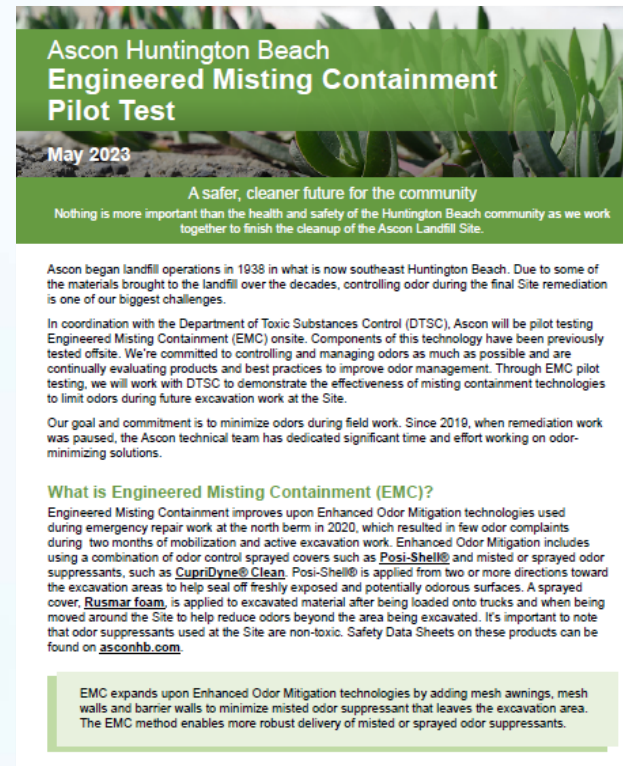
Soil Vapor Probe: A tube drilled into the soil to monitor air flow and vacuum response to the SVE system.

Baseline Conditions: Odor observations and ambient air will be monitored during small excavations to compare conditions prior to and after the SVE pilot test.

Rebound in Vapor Concentrations: Vapor concentrations in previously SVE-treated soil may return to pre-treatment levels.



The diagram illustrates the SVE process. It shows a cross-section of the ground with a 'Vapor Extraction Well' installed. Arrows indicate air being pulled from the soil into the well. Above the well, a 'Sample location for air and SVE monitoring' is marked. The extracted air passes through a 'GAC treatment system' before being released to the air.



Ascon Huntington Beach Engineered Misting Containment Pilot Test

May 2023

A safer, cleaner future for the community

Nothing is more important than the health and safety of the Huntington Beach community as we work together to finish the cleanup of the Ascon Landfill Site.

Ascon began landfill operations in 1938 in what is now southeast Huntington Beach. Due to some of the materials brought to the landfill over the decades, controlling odor during the final Site remediation is one of our biggest challenges.

In coordination with the Department of Toxic Substances Control (DTSC), Ascon will be pilot testing Engineered Misting Containment (EMC) onsite. Components of this technology have been previously tested offsite. We're committed to controlling and managing odors as much as possible and are continually evaluating products and best practices to improve odor management. Through EMC pilot testing, we will work with DTSC to demonstrate the effectiveness of misting containment technologies to limit odors during future excavation work at the Site.

Our goal and commitment is to minimize odors during field work. Since 2019, when remediation work was paused, the Ascon technical team has dedicated significant time and effort working on odor-minimizing solutions.

What is Engineered Misting Containment (EMC)?

Engineered Misting Containment improves upon Enhanced Odor Mitigation technologies used during emergency repair work at the north berm in 2020, which resulted in few odor complaints during two months of mobilization and active excavation work. Enhanced Odor Mitigation includes using a combination of odor control sprayed covers such as **Posi-Shell®** and misted or sprayed odor suppressants, such as **CupriDyne® Clean**. **Posi-Shell®** is applied from two or more directions toward the excavation areas to help seal off freshly exposed and potentially odorous surfaces. A sprayed cover, **Rusmar foam**, is applied to excavated material after being loaded onto trucks and when being moved around the Site to help reduce odors beyond the area being excavated. It's important to note that odor suppressants used at the Site are non-toxic. Safety Data Sheets on these products can be found on asconhb.com.

EMC expands upon Enhanced Odor Mitigation technologies by adding mesh awnings, mesh walls and barrier walls to minimize misted odor suppressant that leaves the excavation area. The EMC method enables more robust delivery of misted or sprayed odor suppressants.

- Ascon has prepared technical explainers as a community resource to provide information on the odor technologies that will be tested during upcoming pilot work.
- These explainers are posted on **asconhb.com** and have been circulated to our email subscribers list. We encourage community members to share these resources.

Ascon Stormwater Updates

- Ascon has received validated results for the four stormwater samples collected in March 2023 (3/15, 3/17, 3/22, 3/23), and the results are posted online on SMARTS.
- The validated sample results show that pH and turbidity (clarity of sample) for each of the four samples were within established permit limits.
- Concentrations of Site Constituents of Concern (e.g., arsenic, copper, lead, and thallium) were similar to or less than what has been historically sampled. Semi-volatile organic compounds and Polychlorinated Biphenyls were not detected. There were low levels of two pesticides in the 3/17/23 sample collected at the southeast corner and a trace detection of one volatile organic compound (VOC) in the 3/23/23 sample collected at the same location.
 - Ascon does not use these pesticides onsite.
 - The trace VOC detection in the 3/23 sample was for a compound that is known to be a laboratory contaminant. Because this compound has not previously been detected in stormwater samples collected at Ascon and no other VOCs were detected in the 3/23 sample, it is suspected that the source of the trace VOC detection in the 3/23 sample is laboratory contamination and not runoff from Ascon.

Next Steps – May/June



Continue to circulate invitation and information on the May 31 DTSC community meeting.



Distribute pilot work informational resources through eblasts, weekly Site updates.



Mobilize equipment and crews for pilot work.

Staying Up to Date and How to Contact Us



You can reach the Ascon team at our information line, 714-388-1825, or via email at info@asconhb.com.

Have a Question or Concern?

Please contact the Ascon community information line at [714-388-1825](tel:714-388-1825) or email info@asconhb.com. *If there is a potential emergency, please call 911.* Find information about Pit F and view telemetry air monitoring data [here](#). Sign up for AsconAlert, an opt-in community alert system for the Ascon project [here](#).

Stay Informed

Please subscribe for email updates.

SIGN ME UP

Visit **asconhb.com** to sign up to receive Ascon updates



Orange County Sanitation District

OC San Plant No. 2 Construction

*Presented By:
Belen Carrillo,
Community Liaison*

*HB Southeast Area
Committee Meeting*

May 24, 2023



OC SAN
ORANGE COUNTY SANITATION DISTRICT

Community Liaisons



Tanya Chong



Daisy Covarrubias



Rebecca Long



Belen Carrillo



Kelly Newell

GWRS Final Expansion Completed



Current Large Construction Projects

Outfall Low Flow Pump Station
Spring '19 – Winter '25
\$93 million



Primary Clarifiers Replacement
Fall '21 – Spring '27
\$112 million



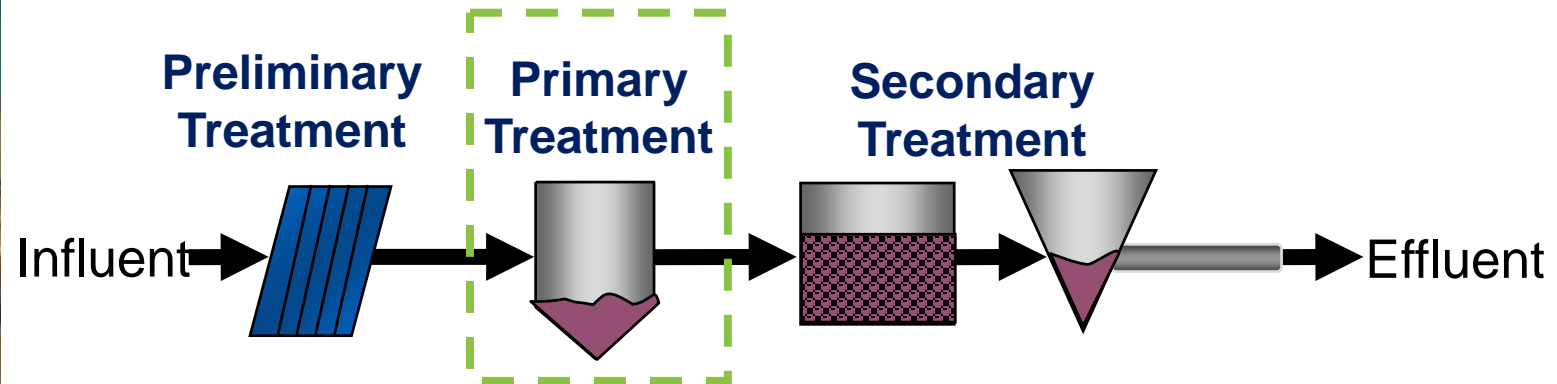
Brookhurst St



Pump Station Concrete Pour



Primary Treatment - Clarifiers



Primary Treatment Deep Soil Mixing



Future Large Construction Projects



Stay Connected

Website: www.ocsan.gov/HB

Construction Hotline: 714.378.2965

Email: ConstructionHotline@ocsan.gov

Social Media: @OCSanDistrict

Virtual Tours: www.ocsan.gov/tours

Sign up to receive:

OC San Connection Newsletter

www.ocsan.gov/Newsletter

OC San Connection

community newsletter

published by the orange county sanitation district

Spring 2023

FINISH LINE IN SITE

OC San is near completion on the Sunflower Avenue and Red Hill Sewer Repairs Project that has been taking place in the cities of Irvine, Santa Ana and Costa Mesa over the past 15 months.

This project rehabilitated over a mile of sewer pipeline. These pipes range in size from 4 ½ to 6 ½ feet in diameter and were installed over 50 years ago between 1969 and 1971. The pipeline is lined to add a layer of protection from corrosive hydrogen sulfide gases from wastewater. The project made

repairs to the lining to reduce the risk of a sewage spill and/or pipe failure. This repair will also extend the life of the pipe to continue to collect and transport an average of 7-15 million gallons per day of wastewater to OC San for treatment.

This project required crews to physically enter live sewers and set up temporary diversions and bypasses. These diversions and bypasses are necessary to reroute wastewater out of the pipeline to allow crews to perform the repair

work inside the live sewers. Most of the work was performed at night when wastewater flows inside the pipes are lower. Performing night work also minimizes the risk of a sewer spill and traffic impacts.

This project began in November 2021 and was expected to be complete earlier this year, however, due to some construction delays and the recurring rain events, the \$4.8 million construction project will be completed by the end of April 2023.



Bypass piping typically set up above the ground as seen here are used to reroute flows out of the sewer pipeline below ground.



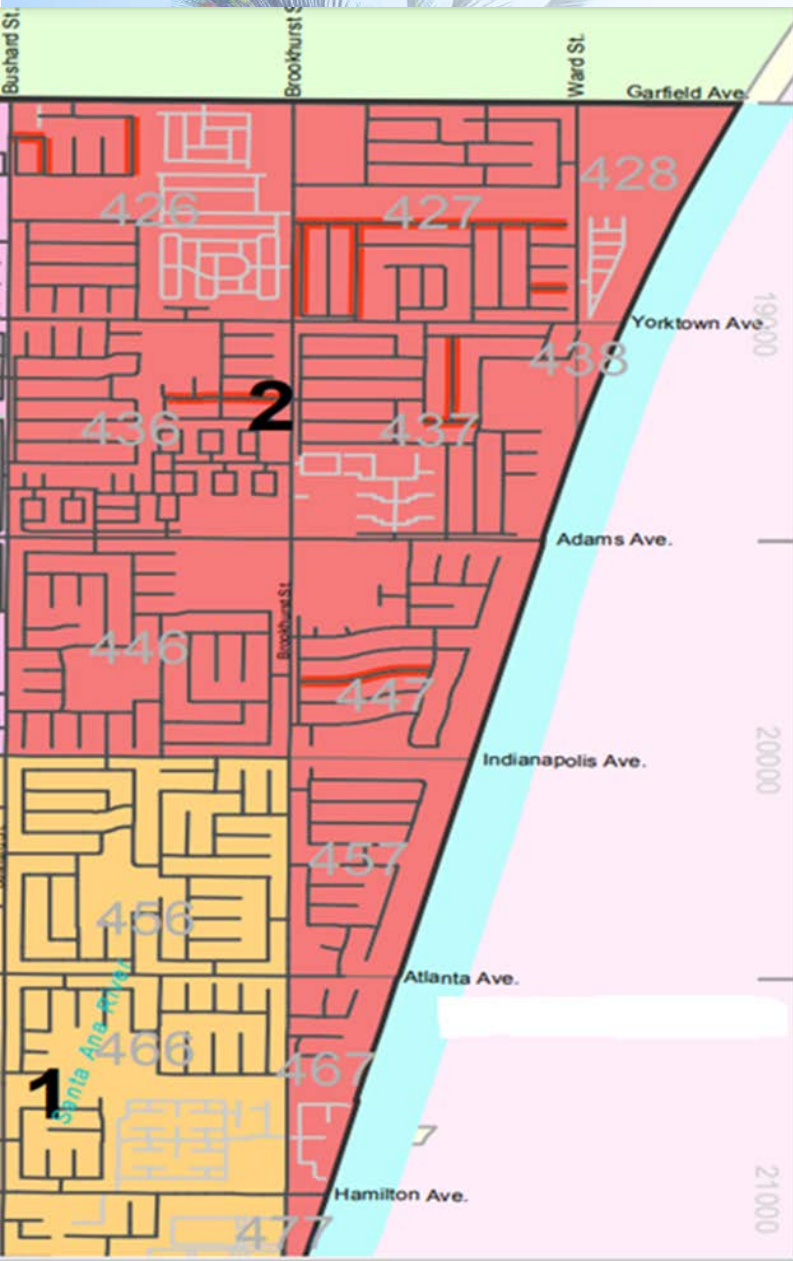
The pipes are large enough for the crews to walk inside of them to make the repairs.

Updates from the City of Huntington Beach



Public Works

Capital Improvement Projects



ZONE 2 RESIDENTIAL PAVING 2022/23

- October 2022-May 2023: Tree, curb, gutter & sidewalk removal/replacement for streets with an asphalt overlay
- January 2023-August 2023: Slurry prep, crack seal, mill & fill bad areas of asphalt
- February 2023-August 2023: Tree Plantings
- July 2023-August 2023: Asphalt overlay of streets
- August 2023-October 2023: Slurry seal of streets

BANNING AVENUE IMPROVEMENTS

- Improvements and rehab on Banning Avenue- Magnolia to Brookhurst. Includes new pavement, re-striping, street trees, landscaped medians, bike lanes, and enhanced pedestrian safety devices (flashing beacons) at 2 locations crossing Banning at Starfire and at Malibu. Project also includes consideration of roundabout at Banning & Bushard and enhanced street lighting. *Currently advertised for bids.*



HAMILTON AVENUE IMPROVEMENTS

- Hamilton from Newland to Magnolia will include new pavement and striping. *Paving completed, striping to be done.*
- Protected Left-Turn Signal N/S on Magnolia at Hamilton, installed this Summer
- Rectangular Rapid-Flash Beacons (RRFB) on Hamilton & Polynesian Ln. – Under design, construction in late Spring/early Summer



Community & Library Services

Park/Library Improvements

- Edison Park Planning
bit.ly/hbedisonpark
- LeBard Park
- Banning Library Branch



State Beach Events

- 6/3 - 6/4 – Sand Soccer Tournament
 - State Beach Lot
- 6/23-6/24 – Purina Dog Show
 - Huntington Lot 9 & 10

Community Development

Magnolia Tank Farm

- Coastal Commission hearing expected this July



Legend

..... Specific Plan Area

	PA 1 - Coastal Conservation (CC)
	PA 2 - Open Space - Parks and Recreation (OS-PR)

	PA 3 - For-Sale Residential (RM)
	PA 4 - Commercial Visitor (CV)

Public Safety

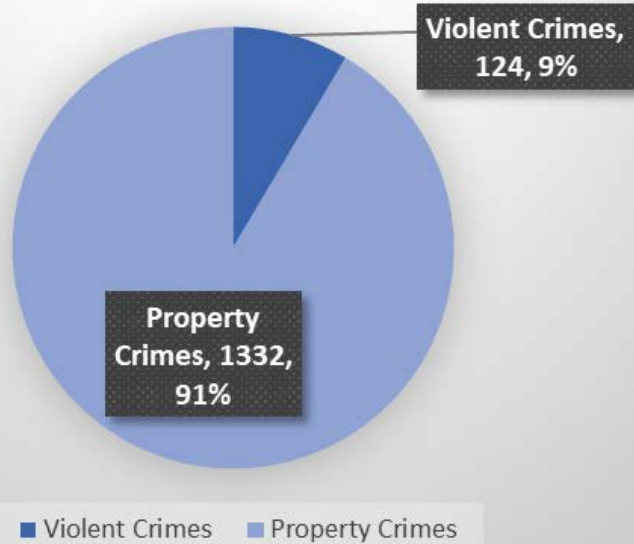
Homeless Response Update

- Issues related to homelessness appear to be focused on Edison Park and Hamilton between Bushard and Brookhurst. Homeless Task Force Officers and BeWell proactively work these areas to mitigate the issues.
- Department wide, 11.8% of all CFS involve individuals experiencing homelessness.
- **Edison Park**
 - 15 MyHB complaints YTD
 - 13 were submitted by Lyons Security (CLS Contract Service) for property left in the park unattended. This included backpacks, tennis bags, and misc. personal property not necessarily related to homelessness.
 - 2 were submitted anonymously regarding homelessness
 - 3 sites where proactively tagged by HTF officers after they located abandoned property.
- **Hamilton - Brookhurst**
 - 5 MyHB submissions YTF
 - 1 for an abandoned vehicle
 - 4 related to issues involving individuals experiencing homelessness

Public Safety:

Part I Crimes through April 2023

Citywide Part I Crimes

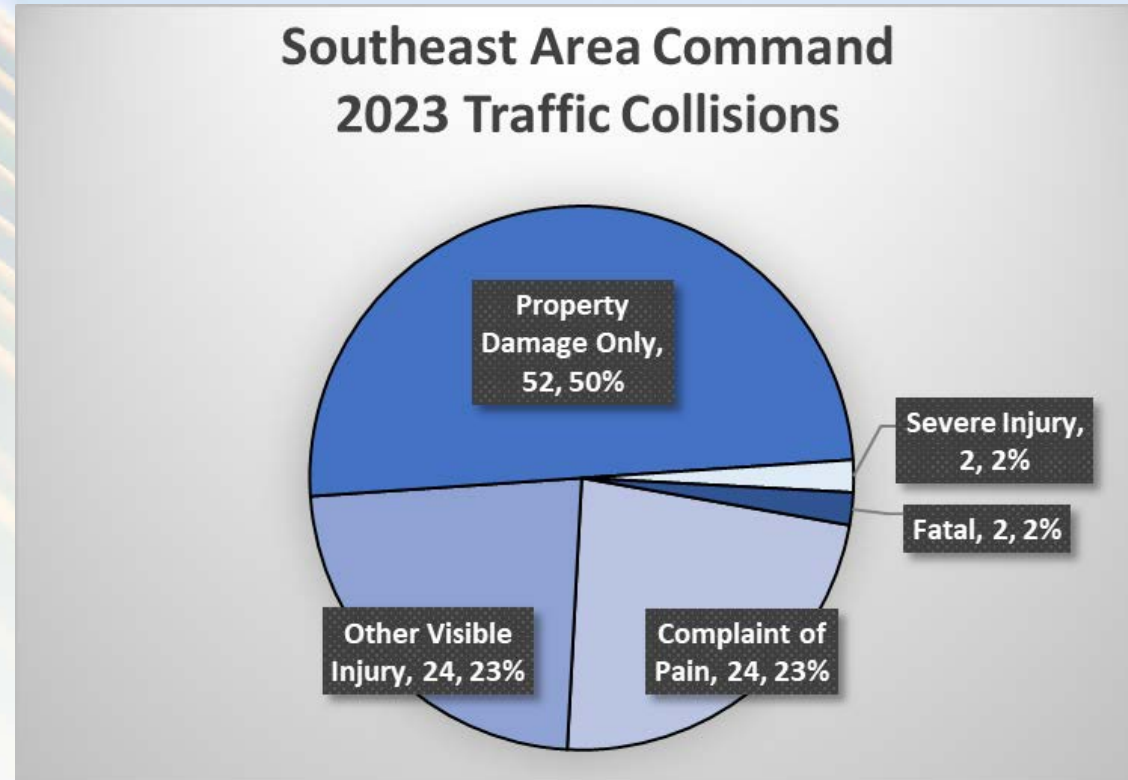


**Southeast Area Command
Part I Crimes**



Public Safety:

Traffic Collisions YTD through April 2023



- **Bicycle Collisions for 2023**
 - Total citywide collisions: 36
 - 20 of the 36 involved e-bikes
- **Pedestrian Collisions for 2023**
 - Total citywide collisions: 24

A low-angle photograph of several palm trees reaching towards a clear blue sky, positioned on the left side of the slide.

Thank you