Hyperion Water Reclamation Plant: Effluent Pumping Plant Header Replacement Project

Presentation for
El Segundo City Council
August 18, 2015

Hyperion Water Reclamation Plant Outfall
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- 1-Mile Outfall installed 1951; currently in use for emergencies
- 5-Mile Outfall placed in service in 1959

Why is this work necessary?

- Annual external inspections
- Internal inspection and assessment conducted in 2006

Findings:
- 5-Mile Outfall concrete pipe in great shape; EPP Header needs to be repaired/replaced

Regular proactive maintenance is important to prevent breakdown.
Environmental Monitoring Plan

Purpose & Partners

• Purpose
  – To protect public health and the environment
  – To comply with Hyperion’s regulatory permit
  – To assess any effects on the environment as result of diversion

• Partners
  – Scientists
    • Universities: UCSB, USC, UCSD (Scripps)
    • Others: NASA/JPL & SCCOOS
  – RWQCB staff & SM BRC TAC
  – County Department of Public Health
  – Heal the Bay, LA Waterkeeper, & Ballona Institute
  – West Basin Municipal Water District

Environmental Monitoring Components

• Chemical Testing
• Toxicity Testing
• Beach Monitoring
• Adaptive Coastal Monitoring
• Effluent Dispersion Tracking
• Biological Monitoring
• Partner Communication

Environmental monitoring is regular practice. For this project, a more intensive 24/7 monitoring program will be implemented during the five week period.
Public Outreach Activities

- Presentations to stakeholder organizations
- Project website – www.lasanitation.org
- Email updates when needed
- 24/7 Project Hotline – (424) 259-3708
- PAO office – (213) 978-0333
- Construction signs

Schedule

September - October 2015

Why now?

- **This year** – prior to an unforeseen incident
- **In Fall** – avoid possible harmful algal blooms
- **After Labor Day** – minimize beach-going crowds
- **Before November 1** – avoid rainy season

Renovation work will take five weeks - September 21 to October 26
Information
LA Sanitation Public Affairs Office
(213) 978-0333
Community Information Hotline
(424) 250-3708
Email
HTPOutfallDiversionProject@gmail.com
www.lasanitation.org