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BEACH HAZARDS REMOVAL PROJECT UPDATE

City Council
October 17, 2017

Presentation by:
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Presentation Outline

• Historic Oil Production Operations
• Remnant Hazards
• Permit Authority
• Previous Hazards Removal Work
• Ongoing Work
• Future Work
Historic Oil Production Operations
Historic Oil Production Operations

Ellwood Offshore Piers circa 1933
Historic Oil Production Operations

Ellwood Oil Field Complex circa 1938
Historic Oil Production Operations

United States Geological Survey Dos Pueblos Canyon, California Topographical Map (1951)
Historic Oil Production Operations

Division of Oil, Gas & Geothermal Resources (DOGGR)
Well Finder – Plugged Wells
Remnant Hazards
Retaining Wall Segments and Steel Tie-Backs
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March 2014
Remnant Hazards - Protruding H-Beams
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Remnant Hazards - Exposed Pipes
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Remnant Hazards - Exposed Pipes
Remnant Hazards – Exposed Wellheads

Division of Oil, Gas & Geothermal Resources (DOGGR)
Well Finder – Plugged Wells
Remnant Hazards - Exposed Wellheads

BH-33 (API # 08303578) - Abandoned in 1948

BH-37 (API #08303575) - Abandoned in 1970

BH-40 (API #08303574) - Abandoned in 1938
Remnant Hazards - Exposed Wellheads

- BH-50 (API #28302453) - Abandoned in 1937
- CSLC Category 1 Legacy Well

Not in Inventory (API #28303459) - Abandoned in 1944
Permit Authority

• Most hazards are within public trust lands under the jurisdiction of the California State Lands Commission (CSLC)
• Mitigated Negative Declaration in 2002 for the Santa Barbara Channel Coastal Hazards Removal Project
  • 24 Total Sites
  • Includes Goleta Beaches
• Permits
  • Coastal Development Permit (E-02-024-A4) for all 24 sites
  • Two City of Goleta Land Use Permits (10-083-LUP and 12-165-LUP) for work along Goleta Beaches
Previous Hazards Removal Work

- April 18-21, 2011
- January 8-10, 2013
- March 24-April 11, 2014
Previous Hazards Removal Work

- April 6-8, 2016
- December 12-13, 2016
- March 6-9, 2017
Ongoing Work – Hazards Inventory

- CSLC Legacy Well Inventory for wells under CSLC jurisdiction (Below the Ordinary Mean High Water Mark)
- CSLC staff identified and categorized offshore legacy wells into 3 categories. Category 1 are high priority wells.
- 200 legacy (Category 1) wells in Summerland, Rincon, and Ellwood
- 5 Category 1 wells in Ellwood area
- City of Goleta Beach Hazards Inventory (Attachment 1)
Future Work – State Funding

• Senate Bill 44 (2017) introduced by Senator Jackson
• Removal and remediation program with up to $2 million in annual funding, and annual legislative reporting. A legislative report is required prior to the program’s sunset on July 1, 2028.

• Estimated Program Costs
  • $350,000 to complete inventory of legacy wells
  • $50,000 per year to survey and monitor oil seepage
  • $200,000 per year to remove coastal hazards
  • Up to $396 million to plug and abandon legacy wells (Up to $2 million per well for 198 wells)

• Signed by Governor Brown on October 10th
Questions?