

FINAL PUBLIC NOTICE

Kernville Gleneden Beach Lincoln Beach Water District has applied to the Federal Emergency Management Agency (FEMA) through the Oregon Department of Emergency Management (OEM) for funding under its Hazard Mitigation Grant Program (HMGP) HMGP-DR-FM-4562-OR.

Under the National Environmental Policy Act (NEPA), federal actions must be reviewed and evaluated for feasible alternatives and for social, economic, historic, environmental, legal, and safety considerations. Under Executive Order (EO) 11988 Floodplain Management and EO 11990 Wetlands Protection, FEMA is required to consider alternatives, and to provide public notice of any proposed actions in, or affecting, floodplains or wetlands. EO 12898 Environmental Justice also requires FEMA to provide the opportunity for meaningful engagement of people and communities with environmental justice concerns who are potentially affected by Federal activities.

Funding for the proposed project will be conditional upon compliance with all applicable federal, tribal, state, and local laws, regulations, floodplain standards, permit requirements and conditions.

Sub-Applicant: Kernville Gleneden Beach Lincoln Beach Water District (KGBLB)

Project Title: KGBLB Water District Seismic Resiliency Project

Location of Proposed Work:

- Replace section of north to south transmission with 14- inch HDPE from Westwind Street to NW Lancer Street (through Schoolhouse Swamp area) – 14” dia., 4300 feet (44.873368°, -124.034055°) to (44.862991°, -124.037695°)
- Replace section of north to south transmission with 16- inch HDPE from South Immonen Road to Westwind St – 16” dia., 8,600 feet (44.892026°, -124.020195°) to (44.873368°, -124.034055°)
- Replace section of north to south transmission with 14- inch HDPE from NW Lancer Street to South Reservoir connection on Highway 101 – 14” dia., 7,900 ft (44.862991°, -124.037695°) to (44.842480°, -124.046051°)
- Replace existing 10-inch PVC connection to Central Reservoir with HDPE line (from Westwind Road to tank) – 12” dia., 5,330 (44.873368°, -124.034055°) to (44.872615°, -124.020223°)
- Replace existing AC connecting pipeline to South Reservoir with HDPE line – 12” dia., 3,500 ft (44.842480°, -124.046051°) to (44.836397°, -124.045218°)

Special Flood Hazard Area Zone:

Per Preliminary Flood Insurance Rate Map (FIRM) community map and panel numbers 41041C0235E, 41041C0233E and 41041C0123E dated 10/10/24, the project sites are located in a Regulatory Floodway and Zones A, AE, and VE Special Flood Hazard Areas (SFHA) (100-year floodplain) [Figures 1-3]. There is potential for the facility to be impacted by future flooding events due to its location within the floodplain. Per the United States Fish

and Wildlife Service National Wetlands Inventory, the work takes place within the existing road footprint and is not located in wetlands.

Proposed Work and Purpose:

Kernville Gleneden Beach Lincoln Beach Water District proposes to replace existing asbestos concrete (AC) pipe with seismically resilient HDPE pipe. This project will harden the water distribution backbone of the District to decrease water outage and improve the ability to restore water following a seismic event.

This work will replace the pipelines in the same general location (some moderate alignment shifts to keep the pipeline in the road). The infrastructure is buried and will have a net zero impact on floodplain elevations.

Project Alternatives:

Alternative #1 (No action): The 'no action' alternative would leave the existing AC pipe in place. This product is extremely brittle and is no longer an acceptable material for the construction of potable water pipelines. AC pipes are very susceptible to ground movement and would likely fracture in even a very moderate seismic event.

Alternative #2 (Pipe Replacement) This alternative will replace the existing pipe with a seismically resilient material. Fused HDPE pipe is very flexible, has fused joints to resist pulling apart, and has outstanding resiliency during seismic events. In the Fukushima Earthquake in Japan in 2010, there were no recorded instances of HDPE pipelines failing.

Comment Period:

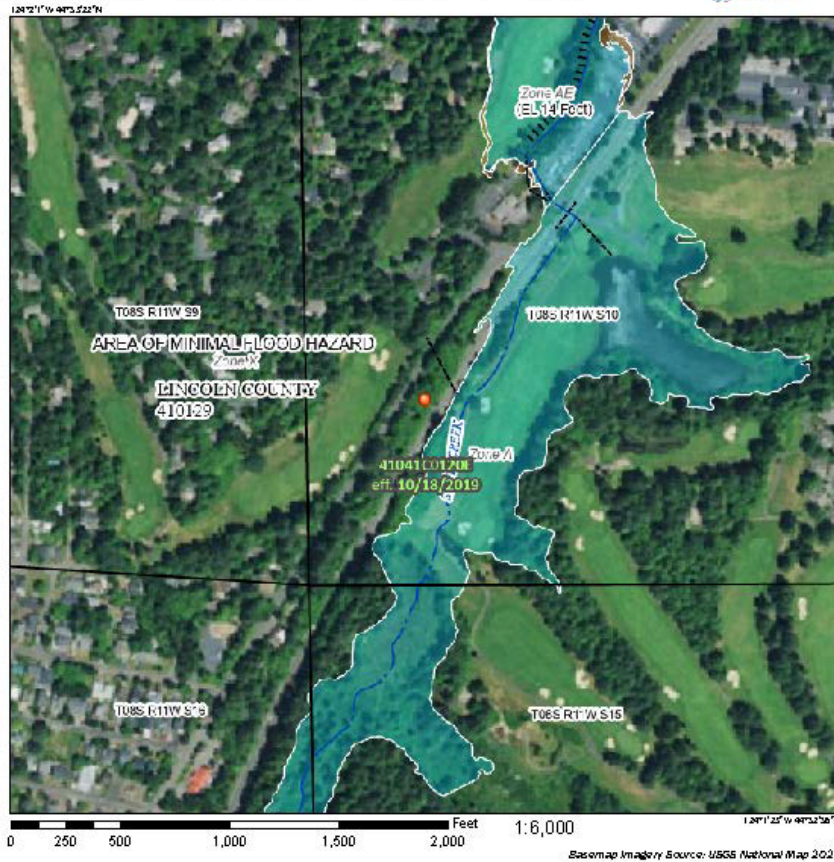
Comments are solicited from the public; local, state or federal agencies, and other interested parties in order to consider and evaluate the impact of the proposed project on the community. Interested parties may submit comments, questions, or request a map of this specific project via email at tgross@civilwest.net or in writing to: Attn: Timothy Gross, Civil West Engineering Services, Inc., 409 SW 10th Street, Newport, OR 97365. Please send comments with the subject line: “Kernville Gleneden Beach Lincoln Beach Water District Seismic Resiliency Project COMMENT”

All comments are due by no later than 15 days of the posted date of this notice.

POSTED ON:

October 16, 2024

National Flood Hazard Layer FIRMette



Legend

SEE THIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS

- Without Basic Flood Elevation (BFE) Zone A, V, X, Z
- With BFE Zone A, X, Z
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD

- 0.2% Annual Chance Flood Hazard, Areas of 2% annual chance flood with average depth less than one foot or with average areas of less than one square mile. Zone F
- Future Conditions 1% Annual Chance Flood Hazard Zone F
- Area with Reduced Flood Risk due to Levee. See Maps, Zone F
- Area with Flood Risk due to Levee Zone D

OTHER AREAS

- NO SCREEN Area of Minimal Road Hazard Zone F
- Effective IOMRs
- Area of Unincorporated Road Hazard Zone D

GENERAL STRUCTURES

- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Roadwall

OTHER FEATURES

- Cross Sections with 1% Annual Chance
- Water Surface Elevation
- Casual Traffic
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Casual Traffic Baseline
- Profile Baseline
- Hydrographic Feature

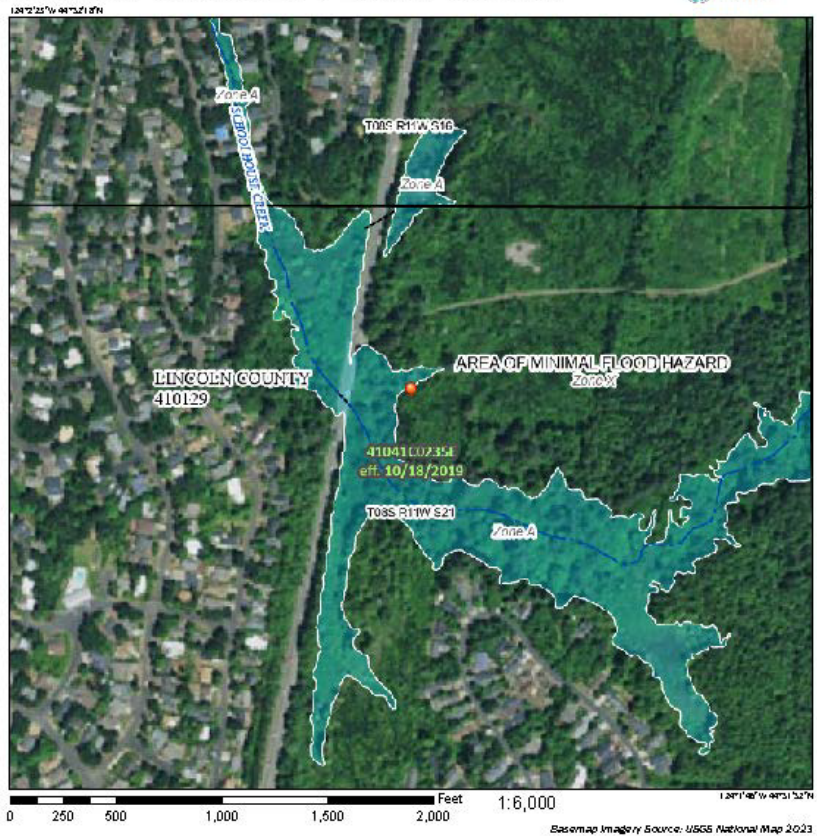
MAP PANELS

- Digital Data Available
- No Digital Data Available
- Unmapped

The pin displayed on the maps is an approximate point selected by the user and does not represent an exclusive property location.

Figure 2 FIRMette 41041C0120E

National Flood Hazard Layer FIRMette



Legend

SEE THIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS

- Without Basic Flood Elevation (BFE) Zone A, V, X, Z
- With BFE Zone A, X, Z
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD

- 0.2% Annual Chance Flood Hazard, Areas of 2% annual chance flood with average depth less than one foot or with average areas of less than one square mile. Zone F
- Future Conditions 1% Annual Chance Flood Hazard Zone F
- Area with Reduced Flood Risk due to Levee. See Maps, Zone F
- Area with Flood Risk due to Levee Zone D

OTHER AREAS

- NO SCREEN Area of Minimal Road Hazard Zone F
- Effective IOMRs
- Area of Unincorporated Road Hazard Zone D

GENERAL STRUCTURES

- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Roadwall

OTHER FEATURES

- Cross Sections with 1% Annual Chance
- Water Surface Elevation
- Casual Traffic
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Casual Traffic Baseline
- Profile Baseline
- Hydrographic Feature

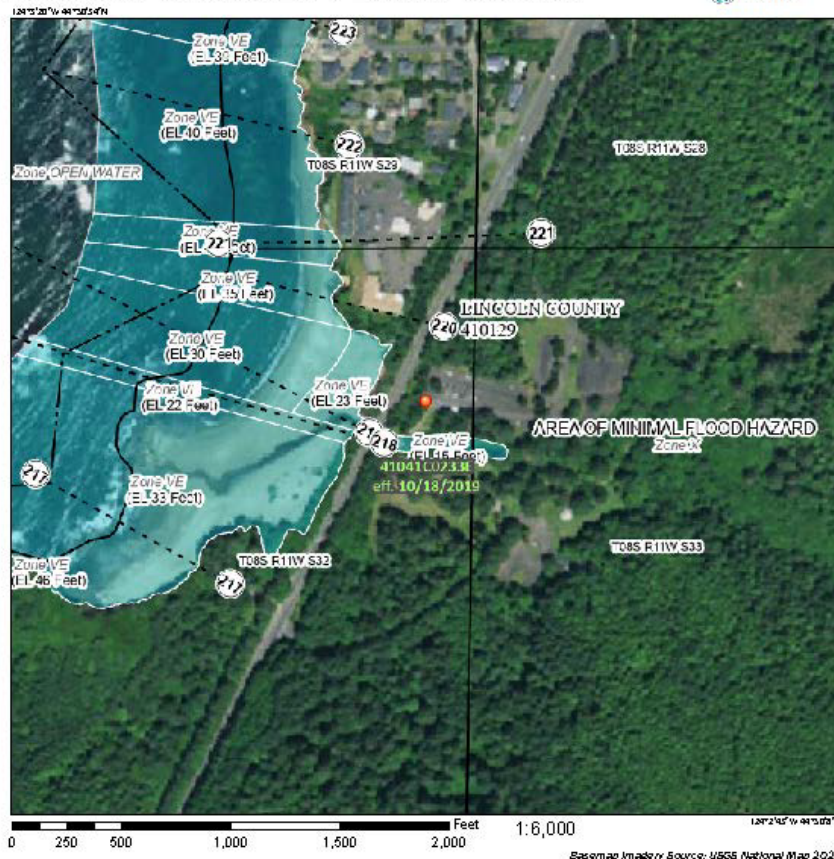
MAP PANELS

- Digital Data Available
- No Digital Data Available
- Unmapped

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Figure 1 FIRMette 41041C0235E

National Flood Hazard Layer FIRMette



Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FISY PARALLEL LAYOUT

- SPECIAL FLOOD HAZARD AREAS**
 - Without Base Flood Elevation (BFE) Zone 4, V, X2
 - With BFE and Depth Zone 4, X, X1, X2, X3
 - Regulatory Floodway
- OTHER AREAS OF FLOOD HAZARD**
 - 0.2% Annual Chance Flood Hazard, Areas of 2% Annual Chance Flood with average depth less than one foot or with average areas of less than one square mile Zone 1
 - Future Conditions 1% Annual Chance Flood Hazard Zone 1
 - Area with Potential Flood Risk due to Levee, See Flood, Zone 1
 - Area with Flood Risk due to Levee, Zone 0
- OTHER AREAS**
 - NO SCREEN Area of Minimal Flood Hazard Zone 1
 - Effective 10 Mils
 - Area of Unincorporated Flood Hazard Zone 0
- GENERAL STRUCTURES**
 - Channel, Culvert, or Storm Sewer
 - Levee, Dam, or Retention Wall
- OTHER FEATURES**
 - Cross Sections with 1% Annual Chance Water Surface Elevation
 - Coastal Traverses
 - Base Flood Elevation (BFE)
 - Link of Study
 - Jurisdiction Boundary
 - Coastal Traverses, Baseline
 - Profile Baseline
 - Hydrographic Features
- MAP FRAME LINES**
 - Digital Data Available
 - No Digital Data Available
 - Unmapped

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is no more as described below. The baseline shall comply with FEMA's baseline accuracy standards.

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was updated on 10/10/2024 at 2:52 P.M. and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map is void if the use or more of the following map elements are not present: Basemap line, flood zone labels, legend, scale bar, map coordinate, coordinate identifiers, FIR panel number, and FIR M effective date. Map images for unmapped and unincorporated areas cannot be used for regulatory purposes.

Figure 3 FIRMette 41041C0233E

End of Notice