CALIFORNIA COASTAL COMMISSION
NORTH COAST DISTRICT OFFICE
1385 EIGHTH STREET, SUITE 130
ARCATA, CALIFORNIA 95521-5967
(707) 826-8950 FAX (707) 826-8960
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W8

Prepared March 05, 2020 (for the March 11, 2020 Hearing)

To: Commissioners and Interested Parties
From: Alison Dettmer, North Coast District Deputy Director
Subject: **North Coast District Deputy Director's Report for March 2020**

The following coastal development permit (CDP) waivers, immaterial CDP amendments, CDP extensions, and emergency CDPs for the North Coast District Office are being reported to the Commission on March 11, 2020. Pursuant to the Commission's procedures, each item has been appropriately noticed as required, and each item is also available for review at the Commission's North Coast District Office in Arcata. Staff is asking for the Commission's concurrence on the items in the North Coast District Deputy Director's report, and will report any objections received and any other relevant information on these items to the Commission when it considers the report on March 11th.

With respect to the March 11th hearing, interested persons may sign up to address the Commission on items contained in this report prior to the Commission's consideration of this report. The Commission can overturn staff's noticed determinations for some categories of items subject to certain criteria in each case (see individual notices for specific requirements).

Items being reported on March 11, 2020 (see attached)

Waivers

- 1-19-1230-W, City of Crescent City - Sunset Circle Multi-Use Trail (900 Sunset Circle, Crescent City, Del Norte County)
- 1-20-0140-W, Humboldt County Public Works - Pine Hill Road Waterline Relocation (Near Swain Slough, South of Eureka, Humboldt County)

Immaterial Amendments

- NCR-78-CC-869-A2, Booth - After-the-fact Authorization Of An Addition To An Existing Garage (45400 Pacifica Dr., Caspar, Mendocino County)

Emergency Permits

- G-1-20-0016, The Wildlands Conservancy / Russ Ranch & Timber, LLC – Drainage Channel Realignment To Relieve Flooding (Four Miles West Of Ferndale at 3592 Centerville Road, Humboldt County)

Emergency Permit Waivers

- G-1-20-0002-W, HCSD Waterline Emergency Repair 30611 (Near The West End Of Pine Hill Road, South Of Eureka, Humboldt County)

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March 3, 2020

Coastal Development Permit De Minimis Waiver
Coastal Act Section 30624.7

Based on the project plans and information provided in your permit application for the development described below, the Executive Director of the Coastal Commission hereby waives the requirement for a Coastal Development Permit pursuant to Section 13238.1, Title 14, California Code of Regulations. If, at a later date, this information is found to be incorrect or the plans revised, this decision will become invalid; and, any development occurring must cease until a coastal development permit is obtained or any discrepancy is resolved in writing.

Waiver: 1-19-1230-W

Applicant: City of Crescent City - Public Works Department, Attn.: Jonathan Olson

Location: 900 Sunset Circle, Crescent City, Del Norte County (APN(s): 118-020-22, 029, -042, and -042; 118-380-015, and -035; and 118-390-018)

Proposed Development: The Sunset Circle Multi-Use Trail project will create 1,400 linear feet of ten-foot-wide multi-use asphalt pathway to complete an existing network of bicycle and pedestrian trails in Crescent City. The path will have three-foot-wide shoulders composed of decomposed granite. Driveways that cross the Multi-Use Trail will have high visibility treatment applied to the asphalt. Bollard Lighting will be installed approximately every 50 feet along the entire 1,400 feet of pathway, except in those locations where a light pole matching other City street lights will be installed approximately every 150 feet along Sunset Circle. Crosswalk striping and ADA-compliant detectable warning surfaces will be installed where the Multi-Use Trail crosses the entrance to Shoreline RV Park.

Procedural Note: The project is bisected by the Commission's retained jurisdiction and the City of Crescent City's LCP jurisdiction boundary. The City and the Executive Director have agreed that the Commission will process a consolidated CDP application for the project pursuant to Coastal Act Section 30601.3(a)(2).

Rationale: The improvements are located within an existing developed area, and the project does not involve removal of any trees. The applicant has included implementation of construction best management practices as part of the proposed project to ensure water quality is not degraded during construction. Work will be limited to upland areas, will not encroach into Environmentally Sensitive Habitat Areas (ESHA),

and equipment used during project construction will be staged on existing paved surfaces along the existing City Right-of-Ways and along granted temporary construction easements. Fiber rolls and silt fencing will be installed to control sediment from entering nearby storm drains. All concrete, asphalt, and soil spoils will be disposed of at an authorized facility outside the coastal zone.

Project activities will not interfere with the public's ability to access the sea. Sunset Circle will remain open to one-way controlled traffic, and access to the adjacent free parking lot and nearby public trails will remain open during project construction. Furthermore, the project as designed will enhance public access by providing connectivity to other portions of the California Coastal Trail (CCT). The Sunset Circle Multi-Use Trail will create a shared-use path that completes an existing network of bicycle and pedestrian trails that parallel Highway 101, thereby extending the CCT from Point St. George to South Beach. Construction activities will be temporary, lasting approximately three months and are anticipated to occur May through June, 2020.

The proposed development will not adversely impact coastal resources, public access, or public recreation opportunities, and is consistent with past Commission actions in the area and Chapter Three policies of the Coastal Act.

This waiver will not become effective until reported to the Commission at its March 11 meeting in Santa Cruz and the site of the proposed development has been appropriately noticed, pursuant to 13054(b) of the California Code of Regulations. The Notice of Pending Permit shall remain posted at the site until the waiver has been validated and no less than seven days prior to the Commission hearing. If four (4) Commissioners object to this waiver of permit requirements, a coastal development permit will be required.

Sincerely,

John Ainsworth
Executive Director

Tamara Gedik
Coastal Program Analyst

cc: File

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March 6, 2020

Coastal Development Permit De Minimis Waiver
Coastal Act Section 30624.7

Based on the project plans and information provided in your permit application for the development described below, the Executive Director of the Coastal Commission hereby waives the requirement for a Coastal Development Permit pursuant to Section 13238.1, Title 14, California Code of Regulations. If, at a later date, this information is found to be incorrect or the plans revised, this decision will become invalid; and, any development occurring must cease until a coastal development permit is obtained or any discrepancy is resolved in writing.

Waiver: 1-20-0140-W

Applicant: Humboldt County Public Works Department

Location: Pine Hill Road in the vicinity of the bridge over Swain Slough, Humboldt County (Post Mile 0.20)

Proposed Development: Remove and replace an existing segment of municipal waterline attached to the north side of the bridge over Swain Slough on Pine Hill Road with an approximately 600-foot-long underground waterline extending underneath the slough channel and adjoining portions of the roadway using horizontal directional drilling (HDD) methods. Pine Hill Road will need to be closed during the waterline relocation activities which are estimated to take five to ten days to complete.

Rationale: Because (1) the 0.4-mile-long Pine Hill Road is lightly traveled; (2) the road does not provide direct coastal access; and (3) a short detour exists that provides access to the same areas as Pine Hill Road, the proposed road closure during construction will not have a significant impact on public access. To avoid any direct impacts to wetlands and other coastal waters during the water line relocation project, the entry and exit pits for the drilling work and all equipment, staging, and stockpiling will be located within the paved road right-of-way. The contractor will construct and maintain berms around the entry and exist pits, drill rigs, drilling fluid mixing systems, and drilling fluid recycling systems to prevent spills into the surrounding environment, and all onsite stockpiles of soil and construction materials will be contained at all times to avoid the discharge of sediment or other pollutants. Used drilling fluid and any spoils from the bore hole entry pit will be contained and ultimately removed from the site by vacuum trucks or dump trucks and properly disposed of at a permitted disposal site.

Coastal Development Permit De Minimis Waiver
1-20-0140-W

The proposed 35-foot depth of the water line was designed based on geotechnical boring information. The consulting geotechnical engineer has determined that this depth will provide substantial overburden pressures that reduce the risk of inadvertent release of drilling fluid (i.e., frac-out) into the slough channel and surrounding wetlands. The contractor will be required to provide a frac-out contingency plan prior to drilling (to be reviewed and approved by the project engineer) that will include frac-out prevention requirements (personnel training and a work plan), detection requirements (visual inspections and equipment and material monitoring provisions), and a response plan (minimum cleanup equipment/supplies that will be kept onsite and standard procedures for responding to a frac-out). Among other provisions, the frac-out plan will be required to establish the fluid pressure limits that the contractor will stay below in order to prevent frac-out from occurring. The project specifications require the contractor to use equipment that allows constant monitoring of the downhole pressure during the drilling effort to ensure that downhole pressures stay below maximum pressures identified in the frac-out plan. The project plans also require that during all drilling, reaming, and pull-back operations, a soil engineer or biological monitor experienced in monitoring for frac-outs monitor the bore path. In addition, the project plans require the contractor to have available onsite, at all times, materials necessary for cleanup of potential release of drilling fluids.

The proposed development will not adversely impact coastal resources, public access, or public recreation opportunities, and is consistent with past Commission actions in the area and Chapter Three policies of the Coastal Act.

This waiver will not become effective until reported to the Commission at its meeting of March 11, 2020 in Santa Cruz and the site of the proposed development has been appropriately noticed, pursuant to 13054(b) of the California Code of Regulations. The Notice of Pending Permit shall remain posted at the site until the waiver has been validated and no less than seven days prior to the Commission hearing. If four (4) Commissioners object to this waiver of permit requirements, a coastal development permit will be required.

Sincerely,

John Ainsworth
Executive Director

Cristin Kenyon
Coastal Program Analyst

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NOTICE OF PROPOSED IMMATERIAL PERMIT AMENDMENT

Coastal Development Permit Amendment No. NCR-78-CC-869-A2

February 26, 2020

To: All Interested Parties

From: John Ainsworth, Executive Director

Subject: Permit Amendment No. **NCR-78-CC-869-A2** requested by **Terry Booth** amending the original permit for the construction of a 3,175-square-foot single-family residence, garage, well, and septic system. A previous immaterial amendment granted minor changes to the house plans and revised approved locations for the well and septic system.

Project Site: 45400 Pacifica Drive, Caspar, Mendocino County (APN: 118-010-18)

The Executive Director of the California Coastal Commission has reviewed a proposed amendment to the above referenced permit, which would result in the following change(s):

After-the-fact addition to the backside of an existing 360-square-foot garage to provide space for storage and a studio with exterior improvements that include one additional downcast light as well as new redwood trim, shingles, and fascia board.

FINDINGS

Pursuant to 14 Cal. Admin. Code section 13166(b) this amendment is considered to be IMMATERIAL and the permit will be amended accordingly if no written objections are received within ten working days of the date of this notice. If an objection is received, the amendment must be reported to the Commission at the next regularly scheduled Commission hearing. This amendment has been considered "immaterial" for the following reason(s):

The proposed garage addition is within a disturbed area of the property clustered next to previously approved buildings. No removal of trees or vegetation, no impacts to Environmentally Sensitive Habitat Areas (ESHA), and no encroachment into ESHA buffers have occurred as a result of the proposed development. The work did not increase the height of the structure or result in new impacts to visual resources. All conditions of the permit will remain in full force and effect, including a condition requiring the exterior of all approved structures to remain natural wood. As the

amended development does not have a potential for adverse impacts, either individually or cumulatively on coastal resources or public access, the Executive Director has determined that the proposed amendment is immaterial.

If you have any questions about the proposal or wish to register an objection, please contact Destiny Preston at the phone number provided above.

Cc: Julia Acker Krog, County of Mendocino, Planning and Building Department

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EMERGENCY PERMIT

Issue Date: **March 5, 2020**
Emergency Permit No.: **G-1-20-0016**

APPLICANTS:

The Wildlands Conservancy (Attn: Emily Allee)
P.O. Box 1127, Ferndale, CA 95536

Russ Ranch & Timber, LLC (Attn: Jay Russ)
PO Box 1437, Ferndale, CA 95536

LOCATION OF EMERGENCY:

On two adjacent agricultural properties located at 3592 Centerville Road (APN 100-143-001) and 770 Russ Lane (APN 100-143-008), approximately 4 miles west of Ferndale, Humboldt County

EMERGENCY WORK:

On January 12, 2020, an eight-foot King Tide combined with a high surf event involving 24-foot-tall waves breached the sand dune barrier west of the subject properties, resulting in tidal inundation of over 150 acres of prime agriculture land (diked former tidelands). Sand and sediment from this 10-year flood event clogged the existing pre-Coastal Act constructed drainage ditch that lies inland of the sand dunes along the western property boundaries, leaving the subject pasturelands flooded and unable to drain northward across the properties through tide gates to the Eel River estuary. The proposed emergency work involves the inland realignment of a portion of the western drainage ditch on the properties to an area far enough inland to be setback safety from future wave overwash events. Using a 25-ton excavator, which will enter the properties from the east using existing ranch access roads, approximately 2,400 linear feet of new drainage channel will be excavated through existing agricultural wetlands (classified as prime agricultural lands). This new channel alignment will connect with an existing approximately 2,800-linear-foot-long remnant segment of Russ Creek that has been dry for over a decade since Russ Creek naturally changed its course approximately a decade ago. An approximately 375-foot-long segment of new channel also will be excavated to connect the remnant segment of Russ Creek to the existing alignment of the western drainage ditch, which drains to the Eel River estuary through existing tide gates. The approximately mile-long realigned drainage channel (including the new 2,400-foot-long channel to be constructed, the 2,800-foot-long remnant Russ Creek channel, and the 375-foot-long connecting segment) is within the historic alignment of Centerville Slough, which is planned to be fully restored (deepened, widened, and reconnected to

Emergency Permit Number:
G-1-20-0016

the estuary) under a future restoration project that currently is in the planning stages by, and will be funded in part by, the Natural Resources Conservation Service.

A second component of the emergency work involves the demolition, using manual labor and hand tools, of an existing pre-Coastal Act barn that currently is located seaward (west) of the portion of the western drainage ditch that recently was flooded by the overwash event and clogged with sand. With the breaching of the sand dune barrier described above by the extreme flood event, the barn now is directly at risk of being flooded and broken apart by another extreme high tide/wave overwash event. Destruction of the barn by wave attack would mobilize debris that would endanger life and property in the surrounding area.

This letter constitutes approval of the emergency work you or your representative has requested to be done at the location listed above. I understand from your information that an unexpected occurrence in the form of an eight-foot King Tide combined with a high surf event involving 24-foot-tall waves poses a threat to structures and prime agricultural land on the subject properties and requires immediate action to prevent or mitigate loss or damage to life, health, property or essential public services pursuant to 14 Cal. Admin. Code Section 13009. The Executive Director of the California Coastal Commission hereby finds that:

(a) An emergency exists that requires action more quickly than permitted by the procedures for administrative or ordinary coastal development permits (CDPs), and that the development can and will be completed within 30 days unless otherwise specified by the terms of this Emergency Permit; and

(b) Public comment on the proposed emergency development has been reviewed if time allows.

The emergency work is hereby approved, subject to the conditions listed on the attached pages.

Sincerely,

John Ainsworth
Executive Director

By: Alison Dettmer
Deputy Director

cc: Humboldt County Planning Department

Enclosures: 1) Acceptance Form;
2) Regular Permit Application Form

Emergency Permit Number:
G-1-20-0016

CONDITIONS OF APPROVAL:

1. The enclosed Emergency Permit Acceptance form must be signed by the PROPERTY OWNER and returned to our office within 15 days.

2. Only that work specifically described in this permit and for the specific properties listed above is authorized. Any additional work requires separate authorization from the Executive Director.

3. All work shall take place in a time and manner to minimize any potential damages to any resources, including intertidal species, and to minimize impacts to public access.

4. The work authorized by this permit must be completed within 60 days of the date of this permit, which shall become null and void unless extended by the Executive Director for good cause.

5. Best Management Practices (BMPs) for erosion and sediment control shall be implemented during construction of the emergency project.

6. Debris shall be properly disposed of at an authorized disposal facility capable of receiving the materials.

7. In consultation with the California Department of Fish and Wildlife, the U.S. Fish and Wildlife Service, and NOAA-Fisheries, the applicant shall implement appropriate mitigation measures to protect environmentally sensitive habitat areas in the vicinity of the emergency work area.

8. WITHIN NINETY (90) DAYS OF ISSUANCE OF THIS PERMIT, the applicant shall submit a post-construction report to the Executive Director that clearly describes all development completed under the emergency permit. The report shall include, at a minimum, all of the following: (a) narrative description of all emergency work undertaken; (b) quantification of the channel dimensions and side-cast berm material; (c) a map showing the extent of all areas where side-cast berm material was placed; and (d) photos showing the project site before, during, and after the work authorized by the emergency permit.

9. The applicant recognizes that the emergency work is considered temporary and subject to removal unless and until a regular coastal development permit (CDP) permanently authorizing the work is approved. A regular permit would be subject to all of the provisions of the California Coastal Act and may be conditioned

accordingly. These conditions may include provisions for public access (such as offers to dedicate, easements, in-lieu fees, etc.) and/or a requirement that a deed restriction be placed on the property assuming liability for damages incurred from storm waves.

10. In exercising this permit, the applicant agrees to hold the California Coastal Commission harmless from any liabilities for damage to public or private properties or personal injury that may result from the project.

11. This permit does not obviate the need to obtain necessary authorizations and/or permits from other agencies, including, but not limited to, the California Department of Fish & Wildlife, U.S. Fish & Wildlife, U.S. Army Corps of Engineers, NOAA-Fisheries, and the California State Lands Commission, as applicable.

12. WITHIN 270 DAYS (NINE MONTHS) OF ISSUANCE OF THIS PERMIT, or as extended by the Executive Director through correspondence, for good cause, the applicant shall either: (a) remove all of the materials placed or installed in connection with the emergency development authorized in this Permit and restore all affected areas to their prior condition after consultation with California Coastal Commission staff, and consistent with the Coastal Act. In some instances, a permit may be needed for removal; or (b) submit a complete follow-up CDP application that satisfies the requirements of Section13056 of Title 14 of the California Code of Regulations. The permittee may seek follow-up permanent authorization of the work approved under the emergency permit on a temporary basis as part of an application for the planned Centerville Slough Restoration Project. If the Executive Director determines that the follow-up CDP application is incomplete and requests additional information, the applicant shall submit this additional information by a certain date, as established by the Executive Director. If such a follow-up CDP application is withdrawn by the applicant or is denied by the Commission, or if the follow-up CDP application remains incomplete for a period of 120 days after the Executive Director informs the applicant that the application is incomplete, the emergency-permitted development shall be removed and all affected areas restored to their prior condition, after consultation with CCC staff and consistent with the Coastal Act, within 180 days, subject to any regulatory approvals necessary for such removal. In some instances, a permit may be needed for removal.

13. Failure to (a) submit a complete follow-up CDP application that complies with Condition 12 above, or (b) remove the emergency development and restore all

affected areas to their prior condition after consultation with CCC staff, and consistent with the Coastal Act (if required by this Emergency Permit) by the date specified in this Emergency Permit[1], or (c) comply with all terms and conditions of the required follow-up CDP, including any deadlines identified therein, or d) remove the emergency-permitted development and restore all affected areas to their prior condition after consultation with CCC staff and consistent with the Coastal Act immediately upon denial of the required follow-up CDP[2] will constitute a knowing and intentional violation of the Coastal Act[3] and may result in formal enforcement action by the Commission or the Executive Director. This formal action could include a recordation of a Notice of Violation on the applicant's property; the issuance of a Cease and Desist Order and/or a Restoration Order; imposition of administrative penalties for violations involving public access; and/or a civil lawsuit, which may result in the imposition of monetary penalties, including daily penalties of up to $15,000 per violation per day, and other applicable penalties and other relief pursuant to Chapter 9 of the Coastal Act. Further, failure to follow all the terms and conditions of this Emergency Permit will constitute a knowing and intentional Coastal Act violation.

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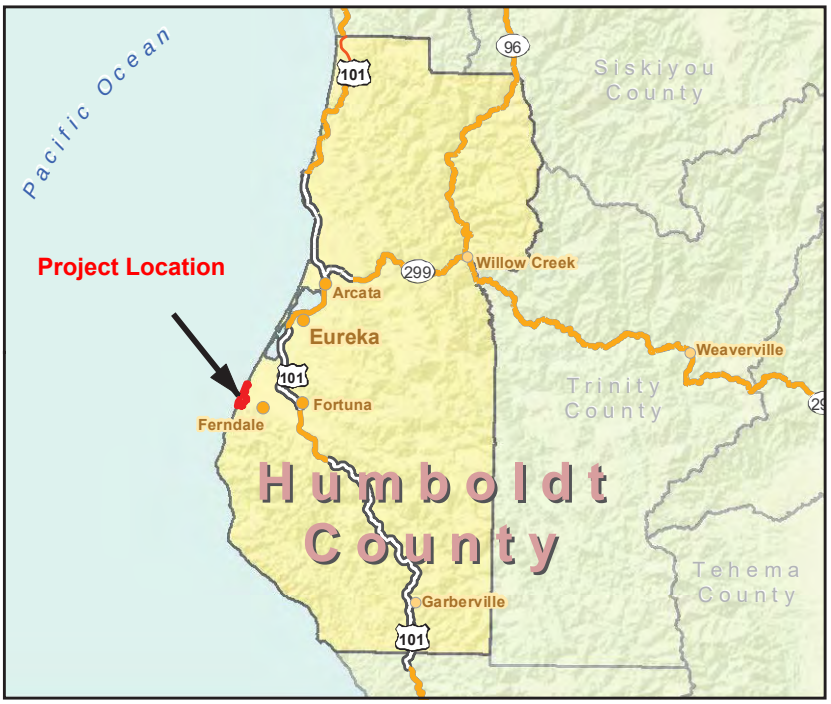
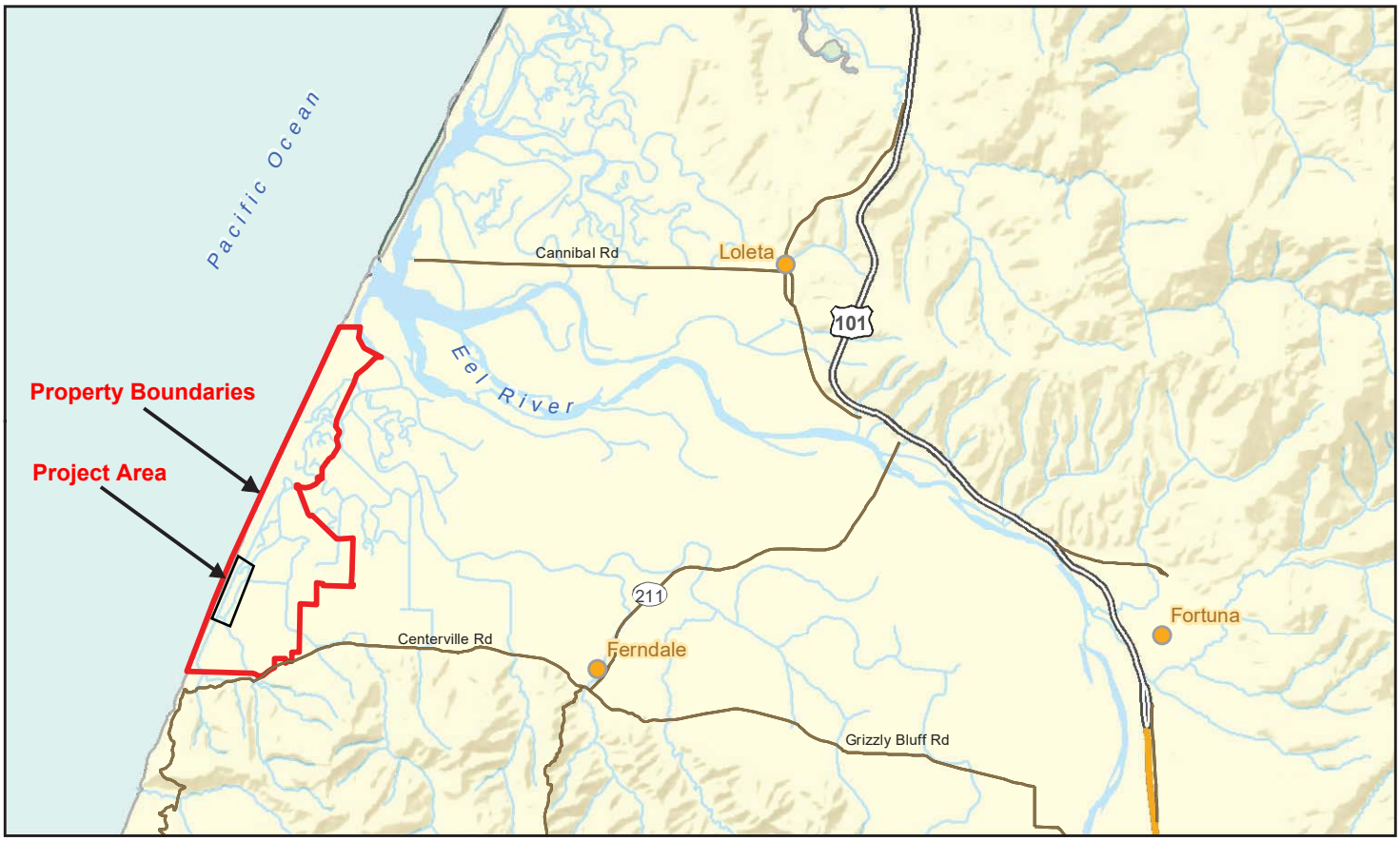
[1] In some instances, a permit may also be required for removal.
[2] As noted above, in some instances, a permit may also be required for removal.
[3] The Coastal Act is codified in sections 30000 to 30900 of the California Public Resources Code. All further section references are to that code, and thus, to the Coastal Act, unless otherwise indicated.





Property Boundaries
Humboldt County
Counties
Freeway
Highway
Roadway
Waterways

Paper Size 8.5" x 11" (ANSI A)
0 0.5 1 1.5 2
Miles
Map Projection: Lambert Conformal Conic
Horizontal Datum: North American 1983
Grid: NAD 1983 StatePlane California I FIPS 0401 Feet

N

Proposed Eel River Adaptation Site Foredune Building

Eel River Estuary Preserve and Vicinity

Job Number	8410882
Revision	B
Date	09 Jan 2017

Figure 1

718 Third Street Eureka, CA 95501 **T** 707 443 8326 **F** 707 444 8330 **E** eureka@ghd.com **W** www.ghd.com

N:\US\Eureka\Projects\Legacy\Projects\1000298 CalTrout\8410882 EREP EcosystemEnhancement\08-GIS\Maps\Figures\Staff_Recommendation\E1A_VicinityAndLocation.mxd

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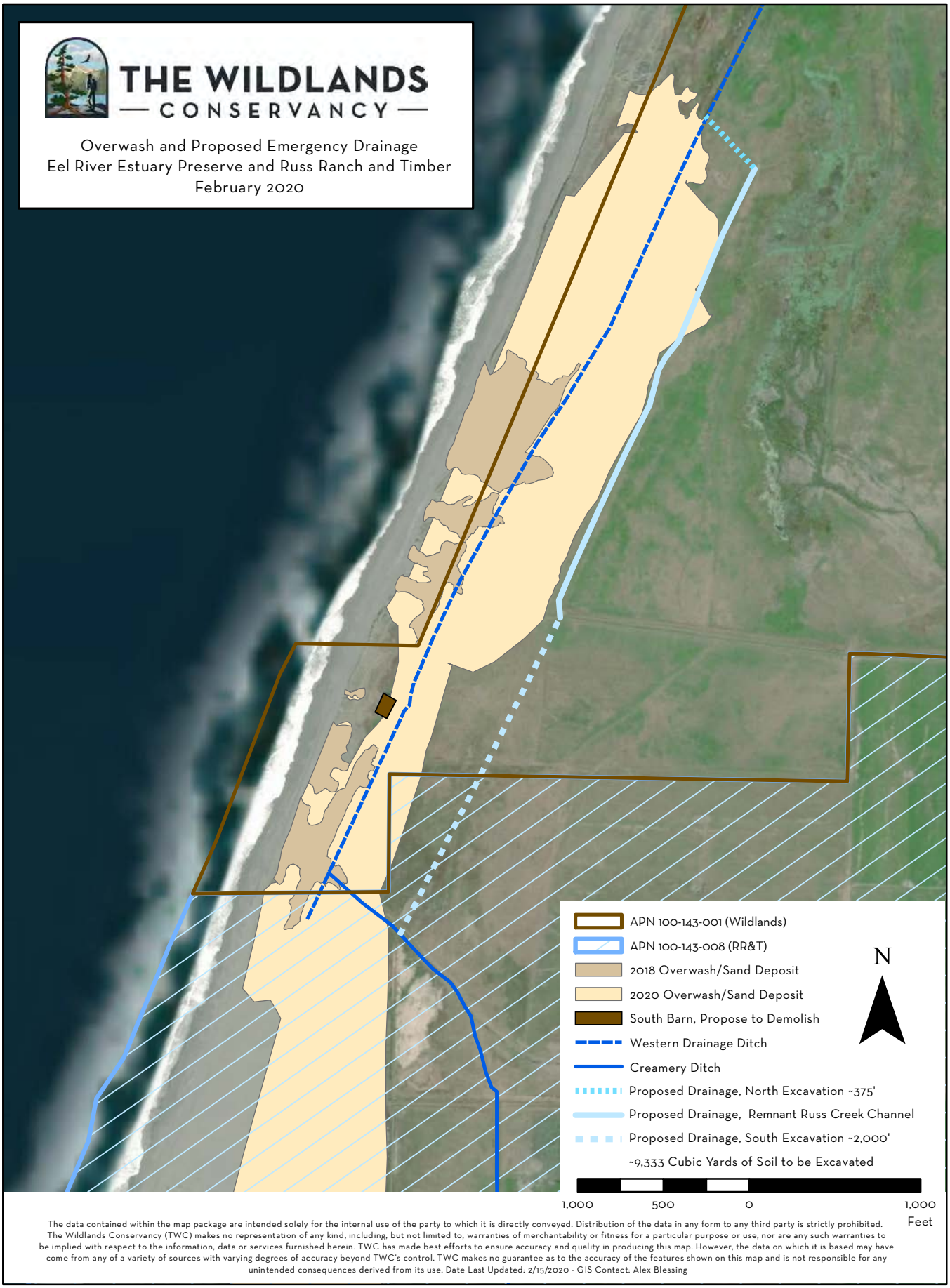
Data source: USA Base Maps; USA Census; Humboldt County transportation data, 2008. Created by:jclark2



The data contained within the map package are intended solely for the internal use of the party to which it is directly conveyed. Distribution of the data in any form to any third party is strictly prohibited. The Wildlands Conservancy (TWC) makes no representation of any kind, including, but not limited to, warranties of merchantability or fitness for a particular purpose or use, nor are any such warranties to be implied with respect to the information, data or services furnished herein. TWC has made best efforts to ensure accuracy and quality in producing this map. However, the data on which it is based may have come from any of a variety of sources with varying degrees of accuracy beyond TWC's control. TWC makes no guarantee as to the accuracy of the features shown on this map and is not responsible for any unintended consequences derived from its use. Date Last Updated: 2/15/2020 - GIS Contact: Alex Blessing

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March 11, 2020

EMERGENCY PERMIT ACCEPTANCE FORM

TO: CALIFORNIA COASTAL COMMISISON
North Coast District Office
1385 Eighth Street, Suite 130
Arcata, California 95521-5967

RE: Emergency Permit No. G-1-20-0016

INSTRUCTIONS: After reading the attached Emergency Permit, please sign this form and return to the North Coast District Office within 15 working days from the permit's date.

I hereby understand all of the conditions of the emergency permit being issued to me and agree to abide by them.

I also understand that the emergency work is TEMPORARY and that a regular Coastal Development Permit is necessary for any permanent installation. I agree to complete the regular Coastal Development Permit application within 270 days of the date of the emergency permit or I will remove the emergency work in its entirety. Finally, I understand that my failure either to:

a) Submit a complete follow-up Coastal Development Permit (CDP) Application that satisfies the requirements of Section 13056 of Title 14 of the California Code of Regulations by the date specified in this Emergency Permit, which date may be extended by the Executive Director for good cause, or

b) Remove the emergency development and restore all affected areas to their prior condition after consultation with Coastal Commission staff as you identified consistent with the Coastal Act, will constitute a knowing and intentional violation of the Coastal Act and may result in formal enforcement action by the Commission or the Executive Director.

In some instances, a permit may be required for removal (if required by this Emergency Permit) by the date specified in this Emergency Permit. This formal action could include a recordation of a Notice of Violation on my property; the issuance of a Cease and Desist Order and/or Restoration Order; imposition of administrative penalties for violations involving public access, and/or a civil lawsuit, which may result in the imposition of monetary penalties, including daily penalties of up to $15,000 per violation

Emergency Permit Acceptance Form

G-1-20-0016

per day, and other applicable penalties and other relief pursuant to Chapter 9 of the Coastal Act. Further, failure to follow all the terms and conditions of this Emergency Permit will constitute a knowing and intentional Coastal Act violation.

_____
Signature of Property Owner or
Authorized Representative

Address:_____
_____
_____

_____
Print Name

_____
Date of Signing

CALIFORNIA COASTAL COMMISSION
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February 28, 2020

Stein Coriell, Senior Planner
SHN Consulting Engineers & Geologists
1062 G Street, Suite I
Arcata, CA 95521

RE: HCSD Emergency Water Transmission Line Repair Project
(Commission Emergency Waiver File No. G-1-20-0002-W)

Dear Mr. Coriell:

On November 5, 2019, the Executive Director received notification from you, on behalf of the Humboldt Community Services District (HCSD), that the HCSD had completed an emergency waterline repair project to fix a break in a water transmission line confirmed on October 26, 2019 near the lower Elk River (APN 305-031-011). On January 13, 2020, you provided additional notification on behalf of the HCSD that the HCSD needed to complete a second emergency waterline repair project to a separate segment of waterline in the same area. The emergency work for both projects involves excavation to access the broken water line segments, repairing the breaks/replacing broken water line segments, and restoring the excavated areas to pre-project conditions. On February 20th, you provided a letter explaining why the emergency actions were required, indicating that the work was conducted as an emergency because the water line breaks could have interrupted the provision by HCSD of providing essential public services (potable water and fire protection flows) to its customers in the greater Eureka area. In addition, your letter indicates that the total value of all of the repairs is less than $25,000.

Section 30611 waives the requirements for obtaining a CDP in cases when immediate action by a person or public agency performing a public service is required to protect life and public property from imminent danger or in other cases of emergency and when the development does not involve permanent development valued at more than $25,000. Section 13144 of the Commission's regulations requires notification of the Executive Director within seven days of taking action as to why the emergency action was taken and providing verification that the action complied with the expenditure limits set forth in Section 30611.

Commission staff has determined that the waterline repair projects as described in your letter and attachments of February 20th comply with the requirements of section 30611, and we will be reporting this determination to the Commission at its meeting of March 11th in Monterey. Therefore, the requirement to obtain CDPs for the projects as described is waived.

If you have any questions, please contact Bob Merrill or me.

Sincerely,

Melissa B. Kraemer
Supervising Analyst

Att. Information submitted to support the sec. 30611 emergency waiver determination

Cc: Humboldt Community Services District
Humboldt County Planning & Building Dept.

Phone: (707) 822-5785 **Email:** arcata@shn-engr.com **Web:** shn-engr.com
1062 G Street, Ste. I, Arcata, CA 95521-5800

Reference: 014141.019

February 20, 2020

Melissa Kraemer, Supervising Analyst
California Coastal Commission
North Coast District Office
1385 8th Street, #130
Arcata, CA 95521

Subject: Request for Waiver from Coastal Development Permit Requirements – Humboldt Community Services District Water Main Emergency Repairs (APN 305-031-011)

Dear Melissa:

This letter is to provide information in support of a waiver request on behalf of Humboldt Community Services District (HCSD) for emergency repairs to HCSD's water main on Assessor's parcel number (APN) 305-031-011. This letter summarizes and attaches information provided previously by email. The emergency repairs encompass actions taken in November 2019 and January 2020.

On November 5, 2019 I emailed the California Coastal Commission (CCC) and other permitting agencies to notify them of a water main break that required immediate emergency repairs (Attachment 1). The break was below ground and was initially thought to be a single break. But during the repair effort, HCSD identified and repaired three breaks total. The emergency work completed in November 2019 is described in the project description contained in Attachment 2.

Then on December 30, 2019, HCSD detected another break on the same water main on the same parcel, which also required immediate emergency repair. My January 13, 2020 email to the CCC and other agencies summarized the emergency situation and the proposed emergency repair (Attachment 3). Following the completion of that work, my January 29, 2020 email summarized the repairs completed in January 2020 (Attachment 4).

The broken water main connects the Eureka side of HCSD's water system to the Humboldt Hill side. Without the repair, HCSD faced a potential inability to move water between the Eureka side and the Humboldt Hill side; therefore setting up a potential condition which, in a very short period of time, would impact the ability to provide potable water and fire protection flows (essential public services) in the event of a main water source failure on either side. HCSD has provided documentation that the total cost of emergency repairs is less than $25,000 (Attachment 5). This appears consistent with the definition of emergency work subject to the waiver process contained in Section 30611 of the California Coastal Act.

Sincerely,

SHN

Stein Coriell, AICP
Senior Planner

SEC:ceg

Attachments:
1. November 5, 2019 Email
2. December 16, 2019 Project Description
3. January 13, 2020 Email
4. January 29, 2020 Email
5. Cost Sheet

Stein E. Coriell

From: Stein E. Coriell [scoriell@shn-engr.com]
Sent: Tuesday, November 5, 2019 10:25 AM
To: 'Merrill, Bob@Coastal'; 'L.K.Sirkin@usace.army.mil'; 'sahrye.e.cohen@usace.army.mil'; 'Falcone, Gil@Waterboards'; 'Bargsten, Stephen@Waterboards'; 'Sanville, Cheri@Wildlife'; 'Harnsberger, Laurie@Wildlife'
Cc: 'Mickey Hulstrom'; 'Jared O Barr'; 'Tim Latham'; 'mtaylor@humboldtcsd.org'
Subject: FW: HCSD water main break - description of emergency work
Attachments: google earth_reduced.pdf; webGIS farther out view.pdf; Area and volume calcs.xlsx; site photos 4Nov2019.pdf

Categories: Red Category

All,
This email is to notify the relevant permitting agencies of a break in a Humboldt Community Services District (HCSD, District) water main that occurred on 10/26/19 at approximately 11pm, and that requires immediate emergency repairs.

Description of the Emergency Situation
The break was identified remotely by computer at approximately 11 PM on 10/26/2019 as District staff was monitoring the water system's supervisory control and data acquisition (SCADA) system in the run-up to a scheduled public safety power shutoff (PSPS) by PG&E. The District was able to make a site visit on 10/26/19 at approximately 11:15 pm and confirm and isolate the break. But then the ensuing PSPS kept the District staff busy on other emergency system maintenance activities (such as moving mobile generators from lift station to lift station to prevent sanitary sewer overflows) related to the power outage.

Emergency Justification
The broken water main connects the Eureka side of HCSD's water system to the Humboldt Hill side. Without the repair, HCSD faces a potential inability to move water between the Eureka side and the Humboldt Hill side; therefore setting up a potential condition which, in a very short period of time, would impact the ability to provide potable water and fire protection flows (essential public services) in the event of a main water source failure on either side.

Location of Emergency Work
The water main break is located on APN 305-031-011 at approximately latitude 40.750719 and longitude -124.187639 (see attached), accessible by existing access road from the west end of Pine Street. At this location, two HCSD water lines cross the slough parallel to each other. The break is below ground at the eastern end of the northern pipe, near an existing HCSD access road.

Existing Conditions
Based on an 11/4/19 site visit with SHN biologist Joseph Saler and planner Stein Coriell, the emergency work location is accessible from an existing gravel access road off Pine Street that provides access to within approximately 60 feet of the break. The access road is presumed upland, with a gravel fill prism, while the work area outside the road prism is presumed coastal wetland. The broken water main is an 8-inch diameter ductile iron pipe (DIP) where it crosses a slough channel, and below ground it is an 8-inch diameter C-900 PVC pipe with ductile iron fittings. The ductile iron fittings may have decomposed and failed due to the saltwater setting. The area is regularly inundated by tides, which also affects access to the site. Joseph Saler identified occurrences of Lyngbye's sedge (Carex lyngbyei), tufted hairgrass (*Deschampsia cespitosa*), and brackish-marsh-dependent vegetation community within the proposed work zone.

Proposed Emergency Work
HCSD plans to repair the water line break as soon as possible, which is currently scheduled for today, Tuesday 11/5/19. The repair is expected to be accomplished within one day, within a single low tide window of opportunity. A 1pm low tide will allow site access. HCSD will use a plywood mat system as a surface stabilization technique to prevent equipment from sinking into the wetland soils and to minimize impacts. It is anticipated that the repair will require

HCSD to excavate an approximately 5 foot wide by 10 foot long pit, to a depth of approximately 5 feet. The total area to be potentially temporarily impacted by access, staging, and construction is approximately 30 feet by 60 feet, all presumed coastal wetland. Excavation of the break location will begin with the removal and stockpiling of the upper 6 to 12 inches of topsoil from the pit (including all plant matter which is to be preserved for replanting), followed by excavation and separate stockpiling of the remaining material to the required width and depth. The broken section of pipe will be removed and a replacement section installed. The broken pipe will be repaired in kind with C-900 PVC pipe, except that the District plans to use epoxy-coated fittings and stainless steel bolts to prevent recurrence of the problem. Due to the high groundwater and the site being regularly tidally inundated, it will be necessary to dewater the excavated pit. To the extent possible given available equipment, water from dewatering activities will be pumped into a vacuum truck for subsequent discharge into the sanitary sewer. If there is insufficient vacuum truck volume to accomplish the work within the necessary one-tidal-cycle timeframe, any additional dewatering water will be pumped into a settling and infiltration basin temporarily assembled within the 30x60 foot work area using hay bales, filter fabric, and sheet plastic. In this way any excess dewatering water can be settled out and discharged onsite with minimal impact. Equipment for the emergency repair will consist of an excavator, dump truck, and vacuum truck.

Impact Description

Up to approximately 1,800 square feet (sf) of coastal wetland (30 ft by 60 ft) will be temporarily impacted by the emergency repair due to access, staging, and construction. Up to approximately 9 cubic yards of material will be excavated within the 5 ft by 10 foot excavation area in order to perform pipe repair. Spoils will be temporarily stockpiled within the 30 ft by 60 ft work area. After pipe placement, the excavated area will then be backfilled with pipe bedding material, pipe, and then the trench will be backfilled with native soil spoils, including the upper 6 to 12 inches of topsoil and plant matter that was initially removed from the excavated area. No permanent impacts are proposed or anticipated.

Restoration of Pre-project Conditions

In all areas subject to soil disturbance, the upper 6 to 12 inches of topsoil excavated will be separately stockpiled and kept moist and then will be immediately replaced at the top of the excavated area. The vegetation is expected to recover naturally without seeding or mitigation planting.

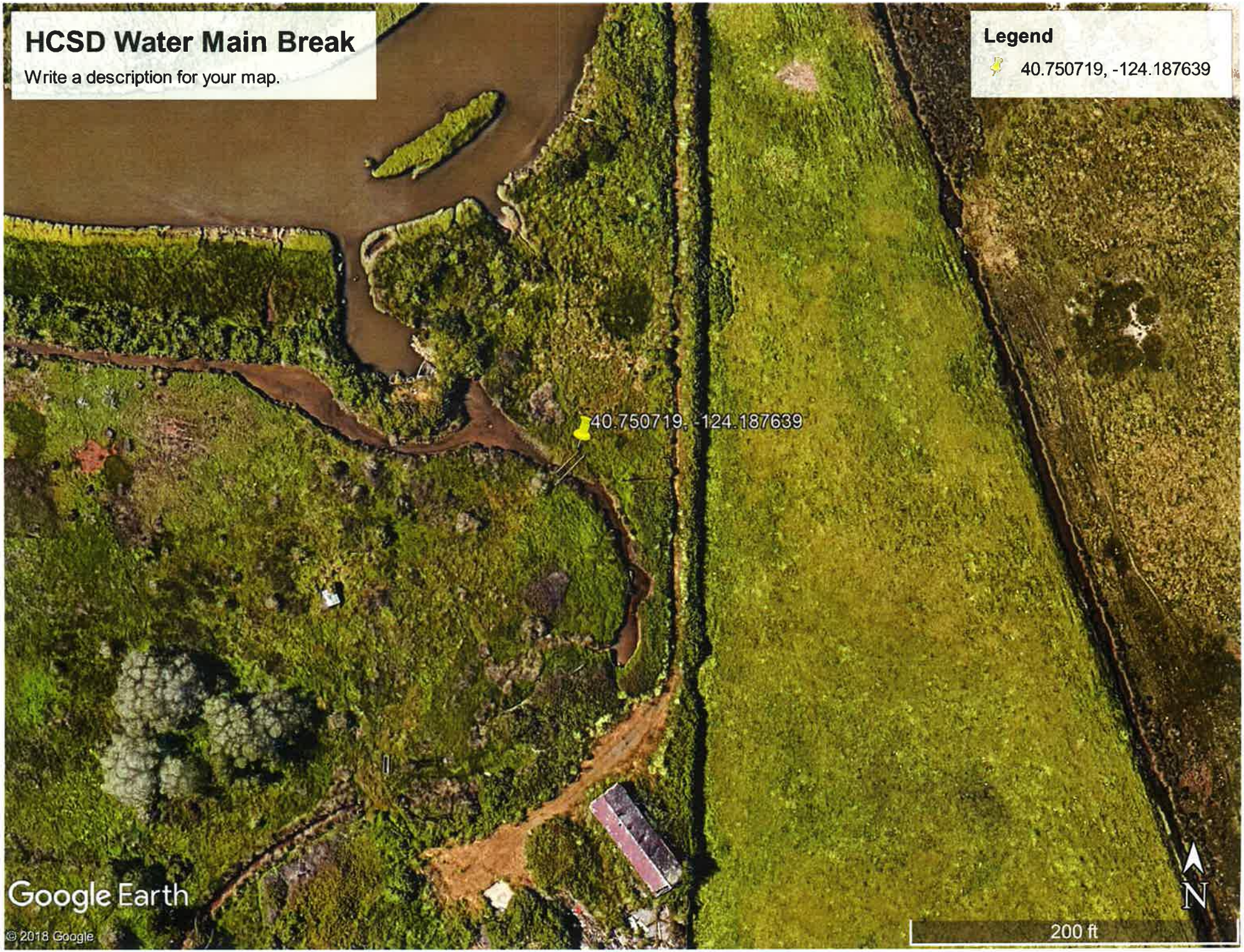
HCSD plans to complete emergency permit applications as soon as possible.
Thank you,

Stein Coriell, AICP
Senior Planner

ANNIVERSARY

Civil Engineering, Environmental Services,
Geosciences, Planning, and Surveying

shn-engr.com (707) 822-5785


HCSD Water Main Break
Write a description for your map.
Legend
40.750719, -124.187639
40.750719, -124.187639
Google Earth
© 2018 Google
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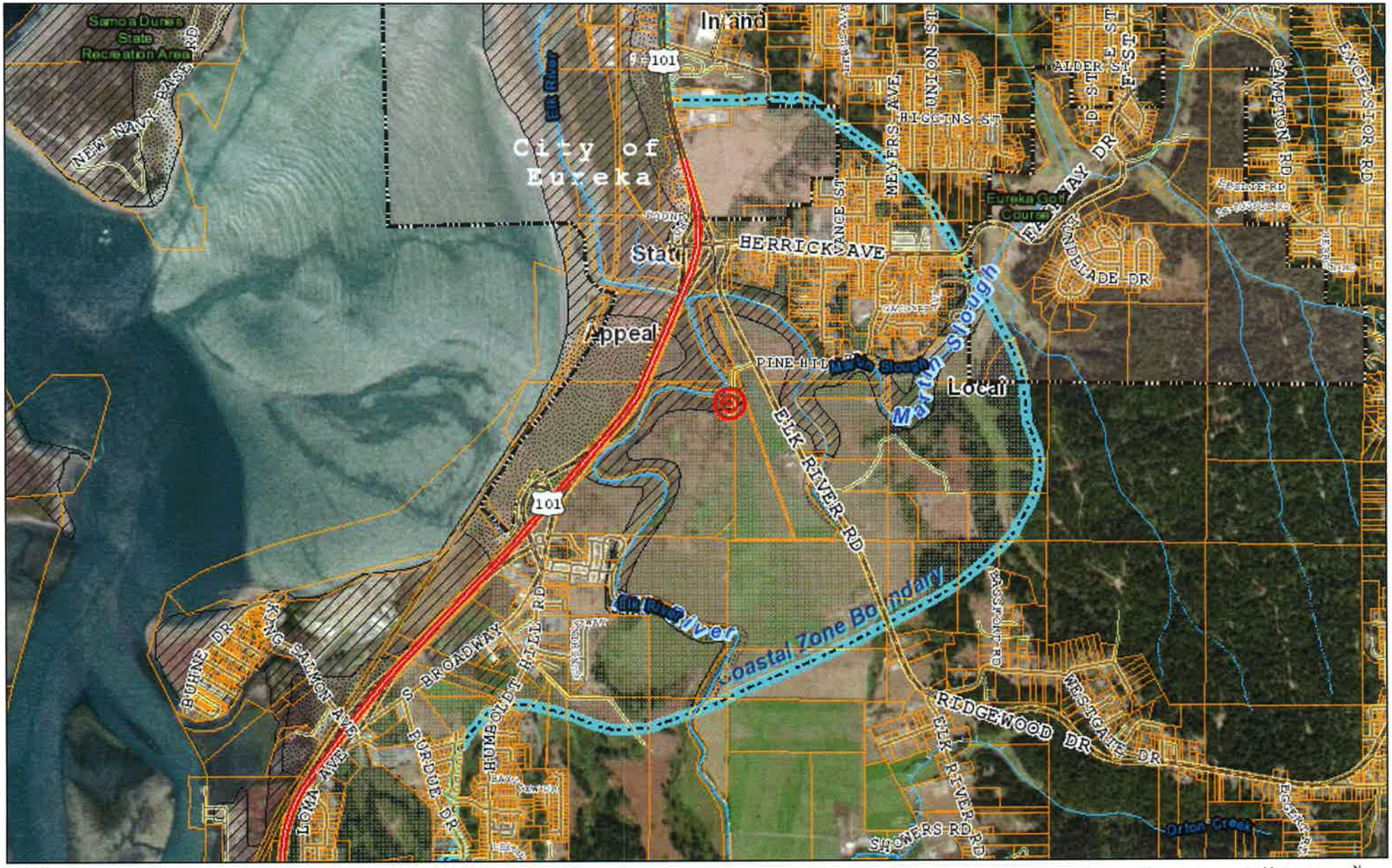
200 ft



ArcGIS Web Map

Humboldt County Planning and Building Department

Printed: November 4, 2019 Web AppBuilder 2.0 for ArcGIS

Map Disclaimer:
While every effort has been made to assure the accuracy of this information, it should be understood that it does not have the force & effect of law, rule, or regulation. Should any difference or error occur, the law will take precedence.

Points
- Override 1

Highways and Roads
- Principal Arterials
- Minor Arterials
- Major Collectors
- Minor Collectors
- Local Roads
- Private or Unclassified
- Major River or Stream

Blue Line Streams
- Perennial 1-3
- Perennial >4
- Intermittent
- Subsurface

- City Boundary
- City Boundary (750K)
- Counties

0 1,350 2,700 5,400 Feet
0 0.25 0.5 1 Miles
RF= 1:35,060 1 in = 2,922 ft

Sources: Humboldt County GIS
Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

HCSD Water Main Break - Emergency Repair
014141.019
11/4/2019

Wetland Area Temporarily Affected

Width (ft)	Length (ft)	Area (sf)	Area (acres)
30	60	1800	0.04

Volume Removed/Replaced

Width (ft)	Length (ft)	Depth (ft)	Volume (cf)	Volume (cy)
5	10	5	250	9

Phone: (707) 822-5785 Email: arcata@shn-engr.com Web: shn-engr.com
1062 G Street, Ste. I, Arcata, CA 95521-5800

Reference: 014141.019

Humboldt Community Services District
Water Main Emergency Repair Project
Project Description
December 16, 2019

Applicant

Attention: Tim Latham, Superintendent
Humboldt Community Services District
P.O. Box 158
Cutten, CA 95534
Telephone: 707-443-4550
Fax: 707-443-0818
email: tlatham@humboldtcsd.org

Agent

Attention: Stein Coriell
SHN
1062 G St., Suite I
Arcata, CA 95521-5800
Telephone: 707-822-5785
Fax: 707-822-5786
email: scoriell@shn-engr.com

Description of the Emergency Situation

A break in a Humboldt Community Services District (HCSD, District) water main occurred on 10/26/19 at approximately 11 PM and required immediate emergency repairs. The break was identified remotely by computer at approximately 11 PM on 10/26/2019 as District staff was monitoring the water system's supervisory control and data acquisition (SCADA) system in the run-up to a scheduled public safety power shutoff (PSPS) by PG&E. The District was able to make a site visit on 10/26/19 at approximately 11:15 pm and confirm and isolate the break. But then the ensuing PSPS kept the District staff busy on other emergency system maintenance activities (such as moving mobile generators from lift station to lift station to prevent sanitary sewer overflows) related to the power outage.

Emergency Justification

The broken water main connects the Eureka side of HCSD's water system to the Humboldt Hill side. Without the repair, HCSD faced a potential inability to move water between the Eureka side and the Humboldt Hill side; therefore setting up a potential condition which, in a very short period of time, would impact the ability to provide potable water and fire protection flows (essential public services) in the event of a main water source failure on either side.

Location of Emergency Work

The location of the water main break is on APN 305-031-011 at approximately latitude 40.750719 and longitude -124.187639 (Figure 1), accessible by an existing access gravel road from the west end of Pine Hill Road (Figures 2 and 3). At this location, two HCSD water lines cross the slough parallel to each other. The break was below ground and was initially thought to be a single break located at the eastern end of the northern pipe. But when excavated, it was determined to be three breaks total – two breaks on the eastern end of the northern pipe and one break on the eastern end of the southern pipe (Figure 4).

Pre-Emergency Work Conditions

Based on an 11/4/19 site visit with SHN biologist Joseph Saler and planner Stein Coriell, access to the emergency work location is from an existing gravel access road off Pine Hill Road that provides access to within approximately 60 feet of the break (Figure 2). The access road is presumed upland, with a gravel fill prism, while the work area outside the road prism is presumed coastal wetland. The broken water mains were 8-inch diameter ductile iron pipes (DIP) where they cross a slough channel, and below ground they are 8-inch diameter C-900 PVC pipes with ductile iron fittings. The ductile iron fittings may have decomposed and failed due to the saltwater setting. The area is regularly inundated by tides, which also affects access to the site. Joseph Saler identified occurrences of Lyngbye's sedge (*Carex lyngbyei*), tufted hairgrass (*Deschampsia cespitosa*), and brackish-marsh-dependent vegetation community within the proposed work zone.

Emergency Work Completed

HCSD completed the necessary repair using its own construction crew, working around tidal constraints, which prevented site access and/or adequate dewatering except during limited windows of opportunity. On 11/12/19, HCSD completed the repair; however, after they pressurized the repair site, it failed to hold (leading to discovery of additional breaks). On 11/20/19 HCSD again completed the repair and this time it held. A total of three breaks were discovered and repaired (Figure 4).

As recommended by SHN's biologist, HCSD used a plywood mat system as a surface stabilization technique (see Photo 1) to prevent equipment from sinking into the wetland soils and to minimize impacts. The repair required HCSD to excavate an approximately 160-square-foot area to a depth of approximately 5 feet (total volume excavated and replaced is approximately 29 cubic yards) (Figure 4). The total area that was temporarily impacted by access, staging, and construction is approximately 30 feet by 60 feet, all presumed coastal wetland. As recommended by SHN's biologist, excavation of the break location began with the removal and stockpiling of the upper 6 to 12 inches of topsoil from the pit (including all plant matter which was set aside for replanting), followed by excavation and separate stockpiling of the remaining material to the required width and depth. The broken sections of pipe were removed and replacement sections were installed. The broken pipes were repaired in kind with C-900 PVC pipe, except that the District used epoxy-coated fittings and stainless steel bolts to prevent recurrence of the problem. Due to the high groundwater and the site being regularly tidally inundated, it was necessary to dewater the excavated pit. The District attempted to pump all water from dewatering activities into a vacuum truck for subsequent discharge into the sanitary sewer, but the volume of water was too great. So as recommended by SHN's biologist, additional dewatering water was pumped into a settling and infiltration basin temporarily assembled within the 30 ft by 60 ft work area using hay bales, filter fabric, and sheet plastic (see Photo 2). Equipment for the emergency repair consisted of an excavator, dump truck, and vacuum truck.

Impact Description

Approximately 1,800 square feet (sf) of coastal wetland (30 ft by 60 ft) was temporarily impacted by the emergency repair due to access, staging, and construction. Approximately 29 cubic yards of native material was excavated within the 160-square-foot excavation area in order to perform pipe repair. Spoils were temporarily stockpiled within the 30 ft by 60 ft work area. After pipe placement, the excavated area was backfilled with pipe bedding material, pipe, and then the trench was backfilled with native soil spoils, including the upper 6 to 12 inches of topsoil and plant matter that was initially removed from the excavated area. No permanent impacts are proposed or anticipated.

Restoration of Pre-project Conditions

In all areas subject to soil disturbance, the upper 6 to 12 inches of topsoil excavated was separately stockpiled and kept moist, and then immediately replaced at the top of the excavated area. The vegetation is expected to recover naturally without seeding or mitigation planting.

Photos

Photo 1. Surface stabilization technique

Photo 2. Dewatering settling and infiltration basin.

Stein E. Coriell

From: Stein E. Coriell [scoriell@shn-engr.com]
Sent: Wednesday, January 29, 2020 11:05 AM
To: 'Kraemer, Melissa@Coastal'; 'Cohen, Sahrye E CIV USARMY CESPN (USA)'; 'Hess, Keith D CIV CESPD (US)'; 'Stevens, Brandon D.@Waterboards'; 'Van Hattem, Michael@Wildlife'; 'Bocast, Kalyn@Wildlife'
Cc: 'Tim Latham'; 'Mark Taylor'; 'Gretchen O'Brien'; 'Joseph Saler'
Subject: FW: HCSD water main break - description of additional emergency work, now completed
Attachments: webGIS farther out view.pdf; Google earth break#2.pdf; HCSD_WaterBreak_BioAvoidance_marked_reduced.pdf; photos28Jan2020.pdf

Categories: Red Category

All,
This email follows my 1/13/20 email which notified of a second round of emergency water main repairs needed by Humboldt Community Services District (HCSD) (Permit applications for the first round of emergency repairs were submitted on 12/19/19). This email is to 1) update the permitting agencies regarding the round 2 repairs (which have now been completed), and 2) request clarification about how each agency wants to permit the second round of repairs. The old text from my 1/3/20 email remains below followed by updated information for each section below in **bold**.

Description of the Emergency Situation
The break was identified remotely by computer (supervisory control and data acquisition [SCADA] system) at approximately 6:00 am on 12/30/2019. The District was able to make a site visit on 12/30/2019 at approximately 6:30 am and confirm and isolate the break (by closing valves like last time).
Same as in my 1/13/20 email above.

Emergency Justification
The broken water main connects the Eureka side of HCSD's water system to the Humboldt Hill side. Without the repair, HCSD faces a potential inability to move water between the Eureka side and the Humboldt Hill side; therefore setting up a potential condition which, in a very short period of time, would impact the ability to provide potable water and fire protection flows (essential public services) in the event of a main water source failure on either side.
Same as in my 1/13/20 email above.

Location of Emergency Work
The water main break is located on APN 305-031-011 at approximately latitude 40.750694 and longitude -124.187681 (see attached), accessible by existing access road from the west end of Pine Hill Road. At this location, two HCSD water lines cross the slough parallel to each other. The new break is below ground at the western end of the southern pipe. This break is on the other side of the slough channel from the previous emergency work that was completed in December 2019 and is accessible using the same existing HCSD access road.
Same as in my 1/13/20 email above.

Existing Conditions
Based on a 1/6/20 site visit with SHN biologists Joseph Saler and Gretchen O'Brien and SHN planner Stein Coriell (see attached photos), the emergency work location is accessible from an existing gravel access road off Pine Hill Road that provides access to within approximately 280 feet of the break. The access road is presumed upland, with a gravel fill prism, while the work area outside the road prism is presumed coastal wetland. The broken water main is an 8-inch diameter C-900 PVC pipe with ductile iron fittings. The ductile iron fittings may have decomposed and failed due to the saltwater setting. The area is regularly inundated by tides, which also affects access to the site. Joseph Saler identified occurrences of pickle weed (*Salicornia virginiana*), salt grass (*Distichlis spicata*), tufted hairgrass (*Deschampsia cespitosa*), and brackish-marsh-dependent vegetation community within the proposed work zone.
Same as in my 1/13/20 email above.

Proposed Emergency Work

HCSD plans to repair the water line break as soon as possible, subject to tidal work windows. At the recommendation of Joseph Saler, the proposed access route was adjusted to avoid sensitive salt marsh community resources (pickle weed, salt grass, and tufted hairgrass) to the degree possible (see attached figure showing proposed access route). As before, the disturbance for repairs will be restricted to the minimum area possible. HCSD will again use a plywood mat system as a surface stabilization technique to prevent equipment from sinking into the wetland soils and to minimize impacts. It is anticipated that the repair will require HCSD to excavate an approximately 30 foot long by 15 foot wide pit, to a depth of approximately 5 feet. The total area to be potentially temporarily impacted by access, staging, and construction is up to approximately 7,100 square feet (sf), all presumed coastal wetland. Excavation of the break location will begin with the removal and stockpiling of the upper 6 to 12 inches of topsoil from the pit (including all plant matter which is to be preserved for replanting), followed by excavation and separate stockpiling of the remaining material to the required width and depth. The broken section of pipe will be removed and a replacement section installed. The broken pipe will be repaired in kind with C-900 PVC pipe, except that the District plans to use plastic fittings and stainless steel bolts, if possible, to minimize corrosion in an attempt to prevent recurrence of the problem. Due to the high groundwater and the site being regularly tidally inundated, it will be necessary to dewater the excavated pit. As before, the volume of dewatering necessary due to the high groundwater and tidal influence is anticipated to be too much to be able to store it in a vacuum truck for subsequent discharge into the sanitary sewer. Therefore, as before, dewatering water will be pumped into a settling and infiltration basin temporarily assembled within the work area using hay bales, filter fabric, and sheet plastic. In this way any excess dewatering water can be settled out and discharged onsite with minimal impact. Equipment for the emergency repair will consist of an excavator, dump truck, skid steer loader, and portable generator for the dewatering pumps.

HCSD was able to complete these repairs on 1/24/20. The repair was pressure tested over the weekend and they also did a static pressure test onsite. HCSD followed the biologist's recommendation to use the proposed access route that was selected to avoid sensitive salt marsh community resources (pickle weed, salt grass, and tufted hairgrass) to the degree possible (see attached figure showing proposed access route). Disturbance for repairs was restricted to the minimum area possible (see Impact Description). HCSD again used the plywood mat system for surface stabilization. Dewatering was again accomplished using a temporary settling and infiltration basin (see attached figure). Dewatering pumps were fitted with a basket filter (1/4-inch mesh) to avoid suctioning of aquatic animals that may have been present. The parts used are called Hymax couplings. They are used to join two pieces of the same or different diameter pipe. In this case it was used to join 8-inch PVC to 8-inch AC (asbestos concrete). They are made with 2 stainless steel bolts and the body or barrel is powder coated. In between the two couplings HCSD used a piece of 8-inch PVC approximately 24 inches long. Plastic or non-corrosive parts were unavailable. Methodology was otherwise as described in my 1/13/20 email above. Impacts are described below under Impact Description.

Impact Description

Up to approximately 7,100 sf of coastal wetland will be temporarily impacted by the emergency repair due to access, staging, and construction. Up to approximately 83 cubic yards of material will be excavated within the 30 ft by 15 foot excavation area in order to perform pipe repair. Spoils will be temporarily stockpiled within the 7,100 proposed work/access area. After pipe placement, the excavated area will then be backfilled with pipe bedding material, pipe, and then the trench will be backfilled with native soil spoils, including the upper 6 to 12 inches of topsoil and plant matter that was initially removed from the excavated area. No permanent impacts are proposed or anticipated.

Actual width of temporary access route was 15 feet instead of 20 feet. So the total area of temporary impact was approximately 4,200 sf (0.10 acres). Actual pit dimension were approximately 6 feet wide, 8 feet long, and 4 feet deep, so the volume of cut/fill was approximately 7 cubic yards. Methodology was otherwise as described in my 1/13/20 email above.

Restoration of Pre-project Conditions

In all areas subject to soil disturbance, the upper 6 to 12 inches of topsoil excavated will be separately stockpiled and kept moist and then will be immediately replaced at the top of the excavated area. The vegetation is expected to recover naturally without seeding or mitigation planting.

Straw wattles were placed along the slough and straw was spread on all disturbed areas. Otherwise, same as in my 1/13/20 email above.

Plan for Permitting

Given that HCSD just submitted permit applications for the previous emergency repair on 12/19/19, HCSD proposes to include the additional repairs as supplemental information which can be addressed with the permitting process currently underway.

Here is a table showing the permitting approach indicated by each agency. With your input we can confirm the desired approach for each agency and follow up accordingly.

Agency	Agency Contact-Event 1	Round 1 Instructions	Round 1 Permitting Submitted	Agency Contact-Event 2	Round 2 Instructions	Next Steps
CA Coastal Commission	Melissa Kraemer	Submit for potential waiver (11/8/19 email)	Submitted information for potential waiver 12/19/19	Melissa Kraemer	Treat these together as one "emergency project." Submit either info in support of a waiver (total cost <$25K) or else a regular emergency permit application.	Determining total cost, then will submit for a waiver or regular emergency permit.
USACE	Sahrye Cohen	Permit as an after-the-fact NWP because RGP5 does not allow after-the-fact authorization (11/26/19 email)	Submitted for after-the-fact NWP 12/19/19.	Keith Hess	Appear to be indicating RGP5? Please confirm permit type and as one project or two.	TBD – please advise
NCRWQCB	Gil Falcone then Brandon Stevens	If USACE not using RGP5 then submit an individual 401 application (12/10/19 email from Gil)	Submitted for after-the-fact 401 12/19/19.	Brandon Stevens	TBD – please advise	TBD – please advise
CDFW	Laurie Harnsburger and Cherie Sanville	Submit emergency notification (11/5/19 email from Laurie)	But since >14 days after emergency started and >14 days after completion (and no agency response to my 12/10/19 email), we submitted an	Michael Van Hattem or Kalyn Bocast?	TBD – please advise	TBD – please advise

			after-the-fact standard notification 12/19/19.			

Site Photos

The first two attached photos show the current break location and associated access. The third shows what the previous repair site looks like as of 1/6/20 following completion.

The attached photos are from 1/28/20 and show how the site of the additional emergency repairs looked a few days after completion.

Please advise how your agency wants to permit the work of these emergency repair events – as one project or two separate projects, and using what kind of permit process. We would be happy to arrange a site visit, just let us know. Thank you,

Stein Coriell, AICP
Senior Planner

Civil Engineering, Environmental Services,
Geosciences, Planning, and Surveying

www.shn-engr.com
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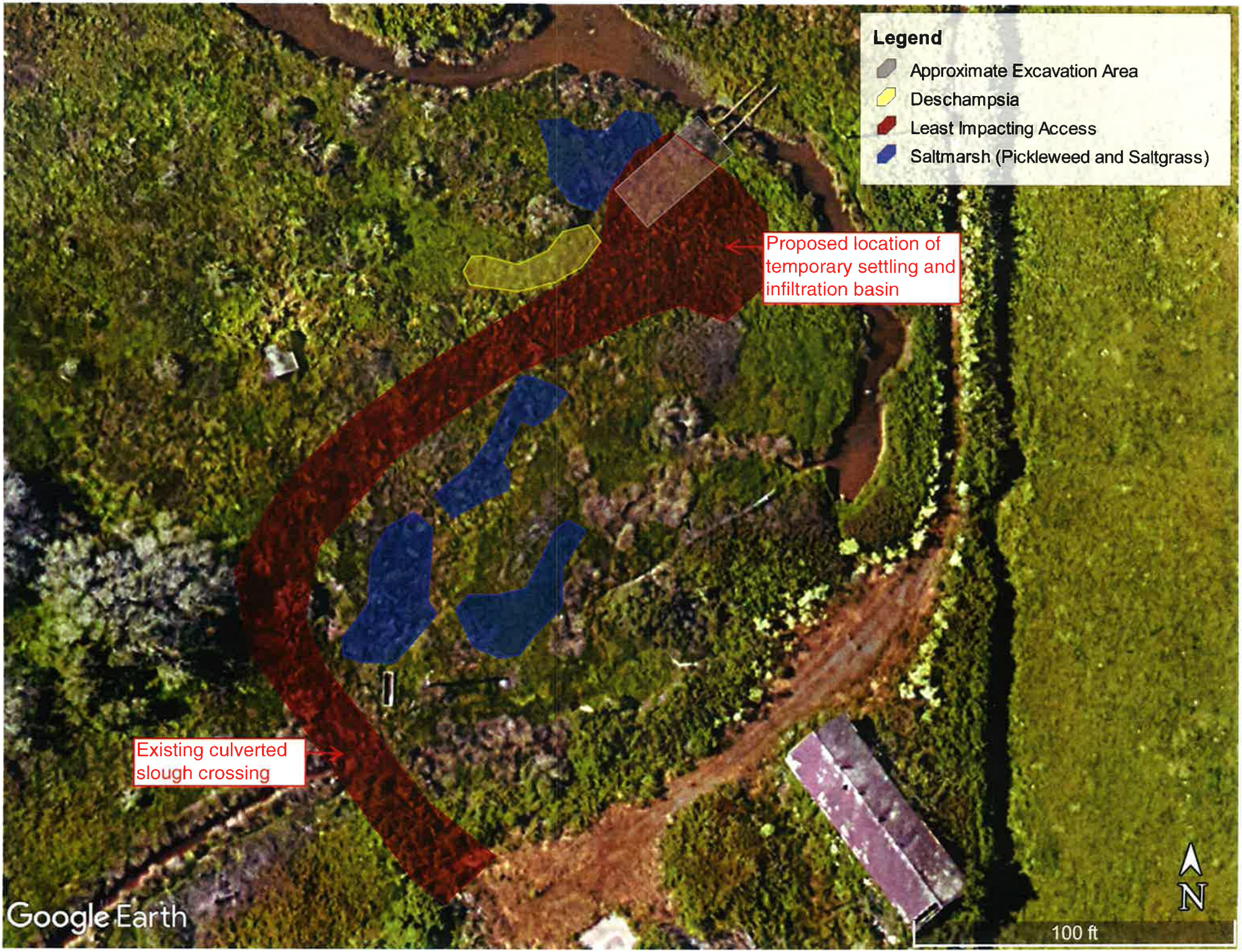
Legend
Approximate Excavation Area
Deschampsia
Least Impacting Access
Saltmarsh (Pickleweed and Saltgrass)
Proposed location of temporary settling and infiltration basin
Existing culverted slough crossing
Google Earth
N
100 ft

HCSD Elk River Water Main Break Cost Sheet (Both Main Breaks)

DATE:	Name of Business	Description	Cost
10/30/2019	Humb. Waste Mgmt	Greenwaste	705.11
11/13/2019	Pierson Building Ctr	Parts	24.44
11/13/2019	Ace Hardware	Parts	7.84
11/14/2019	Dons Rental	Equipment rental	65.1
11/18/2019	Keenan Supply	Parts	2021.36
11/19/2019	Pierson Building Ctr	Material	37.92
11/20/2019	Nilsen Feed Store	Material	19.42
1/10/2020	Hilfiker Pipe Co.	Material	71.62
1/10/2020	Farm Store	Material	156.11
1/14/2020	Hensell Materials	Material	81.38
1/17/2020	United Rentals	Equipment rental	1005.77
1/17/2020	United Rentals	Equipment rental	841.08
1/17/2020	Dons Rental	Equipment rental	195.3
1/21/2020	Napa Auto Parts	Parts	9.56
1/23/2020	Pierson Building Ctr	Parts	48.88
1/23/2020	United Rentals	Equipment rental	632.47
1/23/2020	Dons Rental	Equipment rental	130.2
1/23/2020	United Rentals	Equipment rental	667.38
1/23/2020	Nilsen Feed Store	Material	29.13
1/28/2020	USA Bluebook	Parts	304.12
1/22/2020	Keenan Supply	Parts	697.37
1/23/2020	Eureka Redi Mix	Material	69.53
varies	HCSD Yard Tanks	Fuel	350
PARTS/MATERIAL/RENTAL COST TOTAL			8171.09
LABOR (BOTH MAIN BREAKS) TOTAL			8792.57
ENGINEERING/CONSULTING FEES TOTAL			7500
TOTAL COSTS			24463.66