

Datums:
 Horizontal: NAD83 State Plane CA Zone 1
 Vertical: NAVD88

Sources:
 Elevation: 2019 Eureka Coastal Lidar DEM
 Aerial Image: 2018 Bing Aerial Imagery

0 700 1,400 ft

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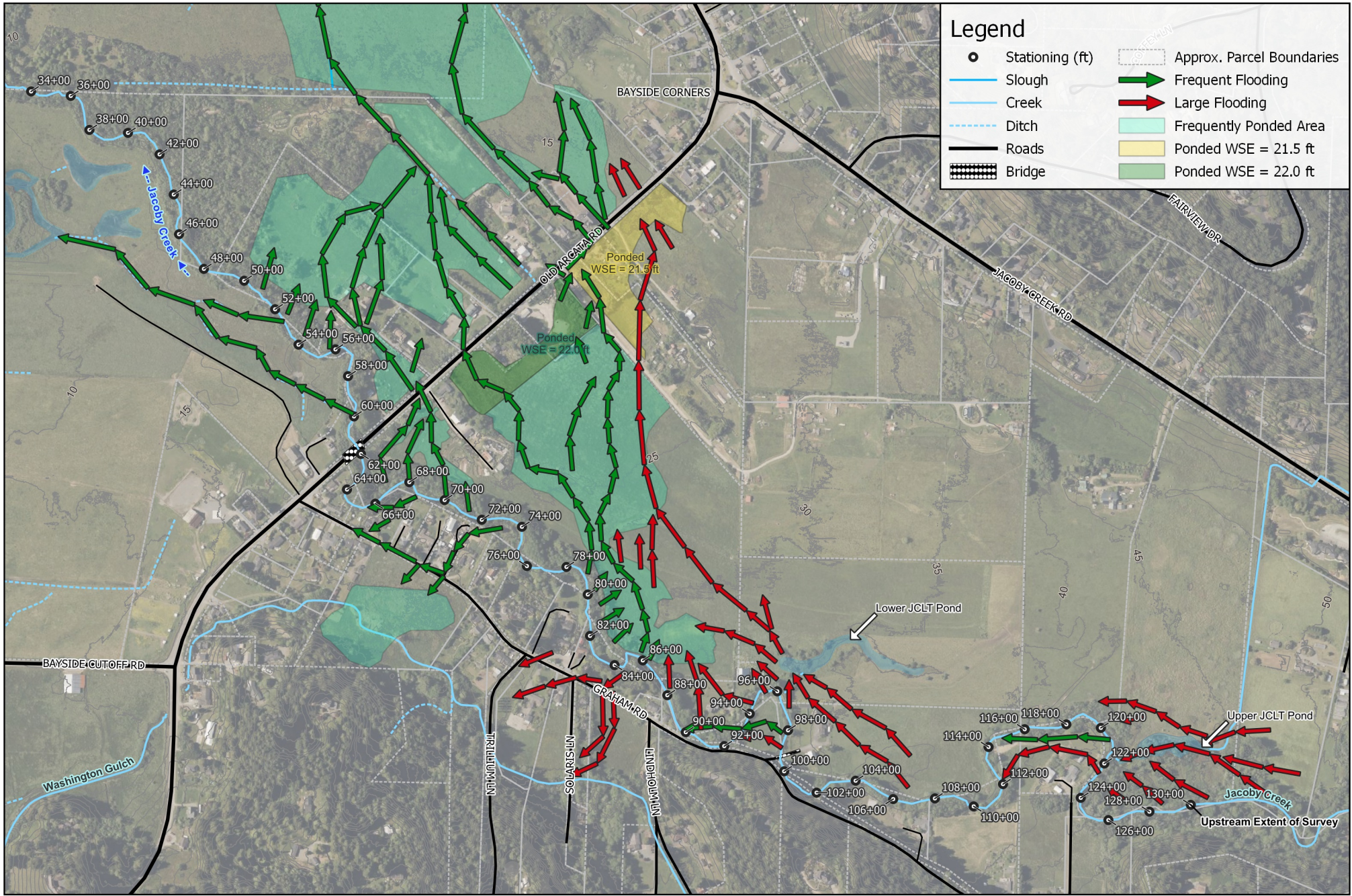
JACOBY CREEK LAND TRUST

GHD

Jacoby Creek Water Sustainability and Anadromous Fish Habitat Enhancement Feasibility Study

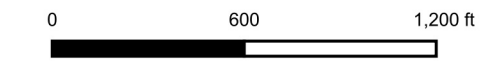
Appendix C-1.
 Mapped flow paths across floodplain during frequent and larger flood events. Downstream of Old Arcata Road.

Nov. 2023



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Jacoby Creek Water Sustainability and Anadromous Fish Habitat Enhancement Feasibility Study

Appendix C-2.
Mapped flow paths across floodplain during frequent and larger flood events. Upstream of Old Arcata Road.

Nov. 2023

Historical Floodplain Inundation Images (1948 – 2022)



Figure 1. January 8, 1948. From Cal Polly Shuster Collection.



Figure 2. January 16, 1974 – Arcata Baylands, US 101 a and Samoa Blvd/OAR (Humboldt County Dept. of Public Works).

Historical Floodplain Inundation Images (1948 – 2022)



Figure 3. March 18, 1975 – OAR crossing Jacoby Creek valley (Humboldt County Dept. of Public Works).



Figure 4. March 18, 1975 – Washington Gulch, Bayside Cutoff, and US 101 (Humboldt County Dept. of Public Works).

Historical Floodplain Inundation Images (1948 – 2022)



1/1/2003
Figure 5. January 1, 2003 – Photos of flooding across Old Arcata Road and onto properties to the west, taken from Kokte Ranch driveway (Jacoby Creek Land Trust).

Historical Floodplain Inundation Images (1948 – 2022)



Figure 6. February 18, 2004 – Old Arcata Road at Jacoby Creek Bridge, facing east. (Humboldt County Dept. of Public Works).



Figure 7. December 2, 2012 – Looking east from Arcata marsh towards inundated Arcata Baylands (Brad Finney).

Historical Floodplain Inundation Images (1948 – 2022)



(a)



(b)

Figure 8. February 16, 2019 – Looking south across Old Arcata Road towards Arcata Baylands and (b) southeast towards Old Arcata Road and the JCLT.

Historical Floodplain Inundation Images (1948 – 2022)



(a)



(b)

Figure 9. December 27, 2021 – Looking (a) northwest and (b) southwest across Old Arcata Road

Historical Floodplain Inundation Images (1948 – 2022)



(a)



(b)

Figure 10. December 27, 2021 –Looking (a) west to the South Jacoby Wetland Complex and US 101 and (b) east towards Old Arcata Road.

Historical Floodplain Inundation Images (1948 – 2022)



(a)



(b)

Figure 11. December 27, 2021 –Looking (a) east along the old railroad alignment towards Old Arcata Road and (b) west to Arcata Baylands North and US 101.