

working for clean rivers

CBWTP Outfall Diffuser Improvements (BES Project Number E06923)

Philip McCormick | Project Manager

Paul Suto | Engineering Manager

January 27, 2021

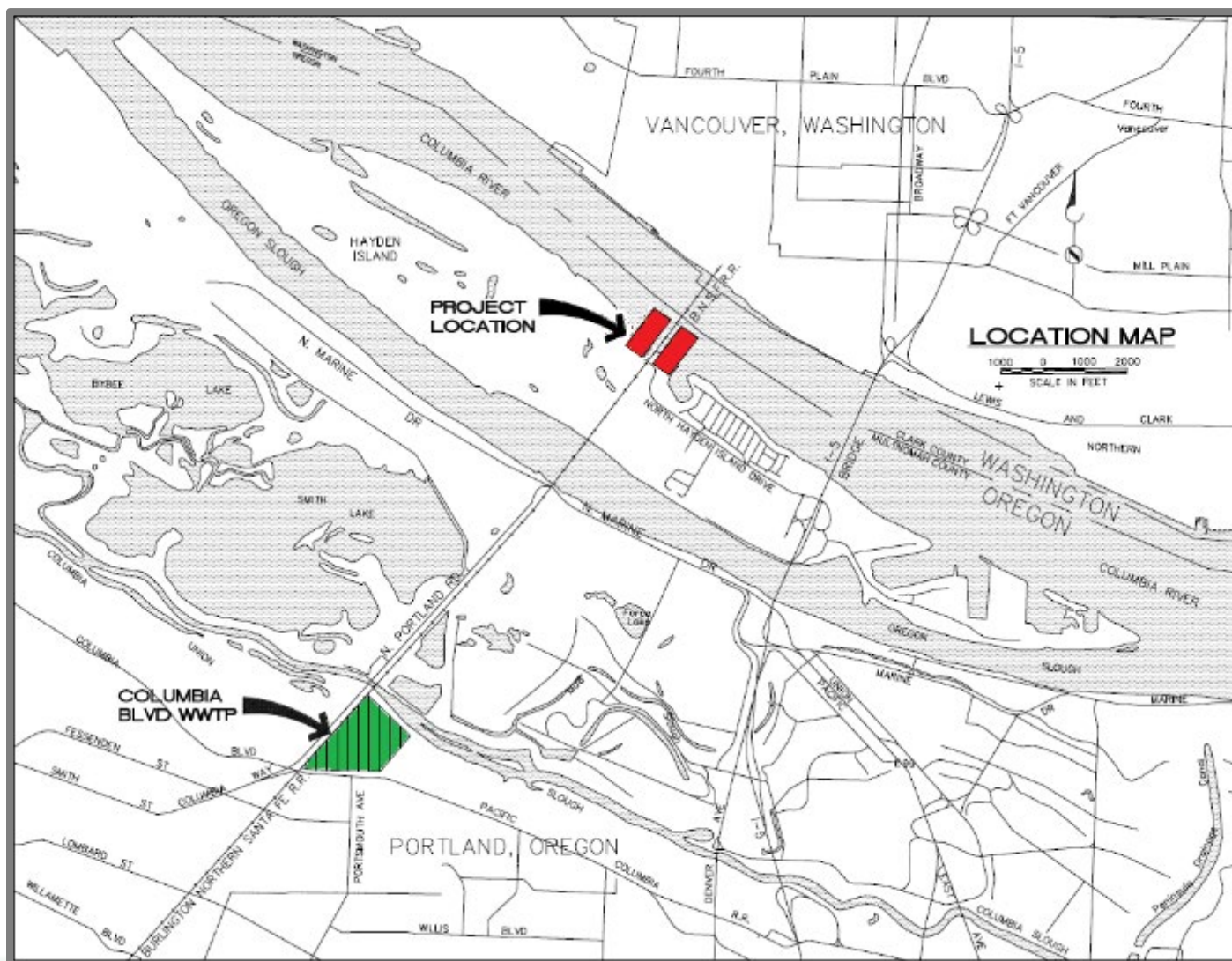


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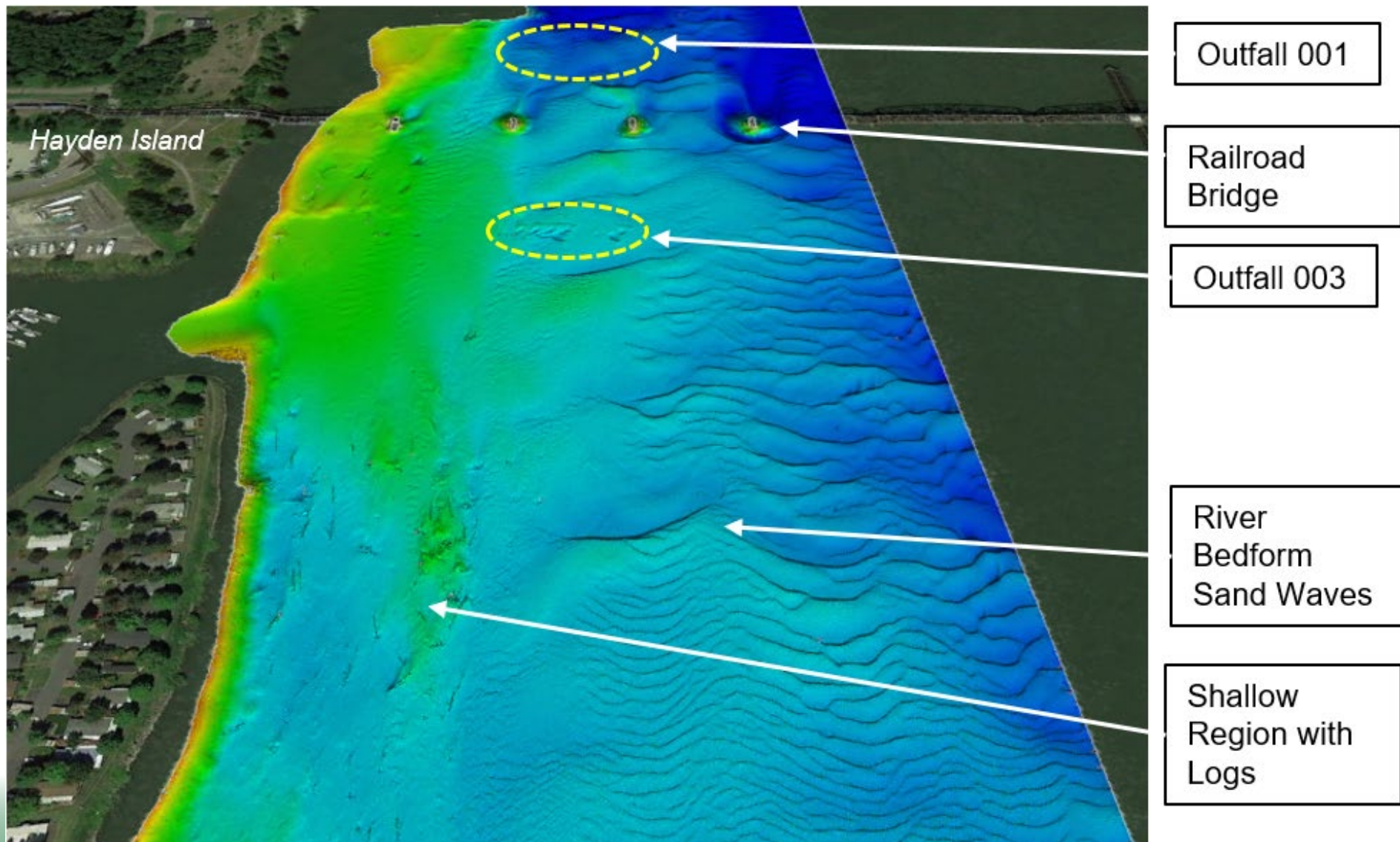
MINGUS MAPPS, COMMISSIONER
MICHAEL JORDAN, DIRECTOR



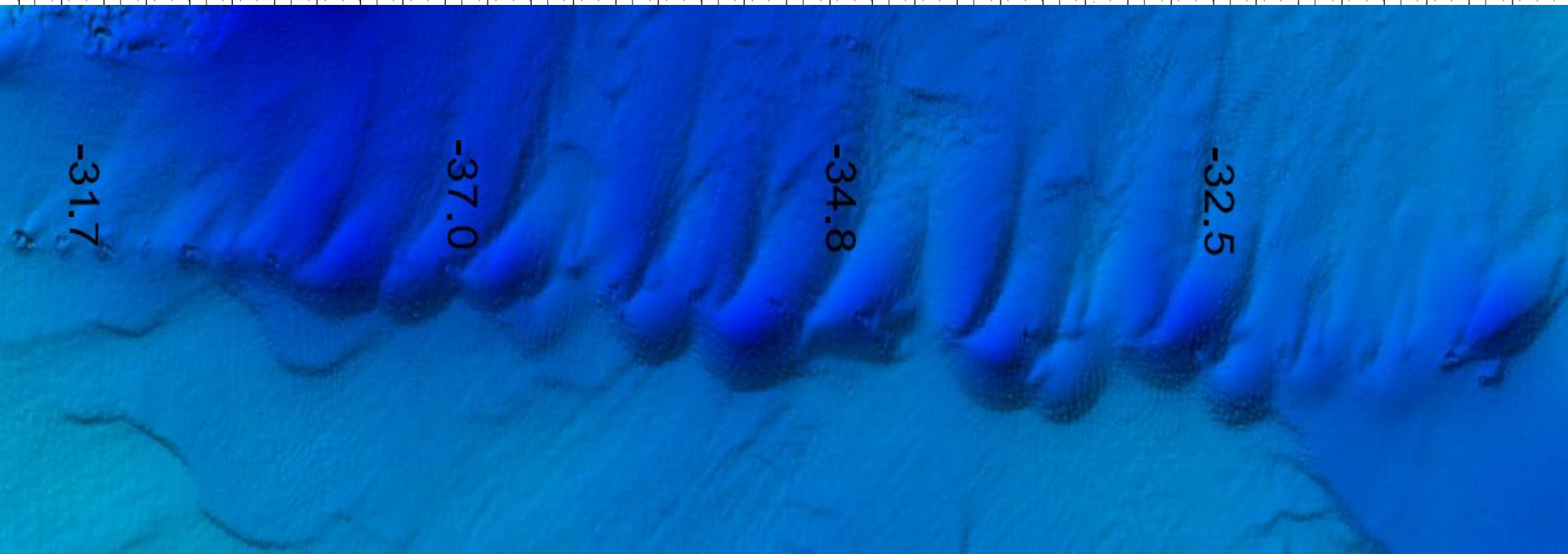
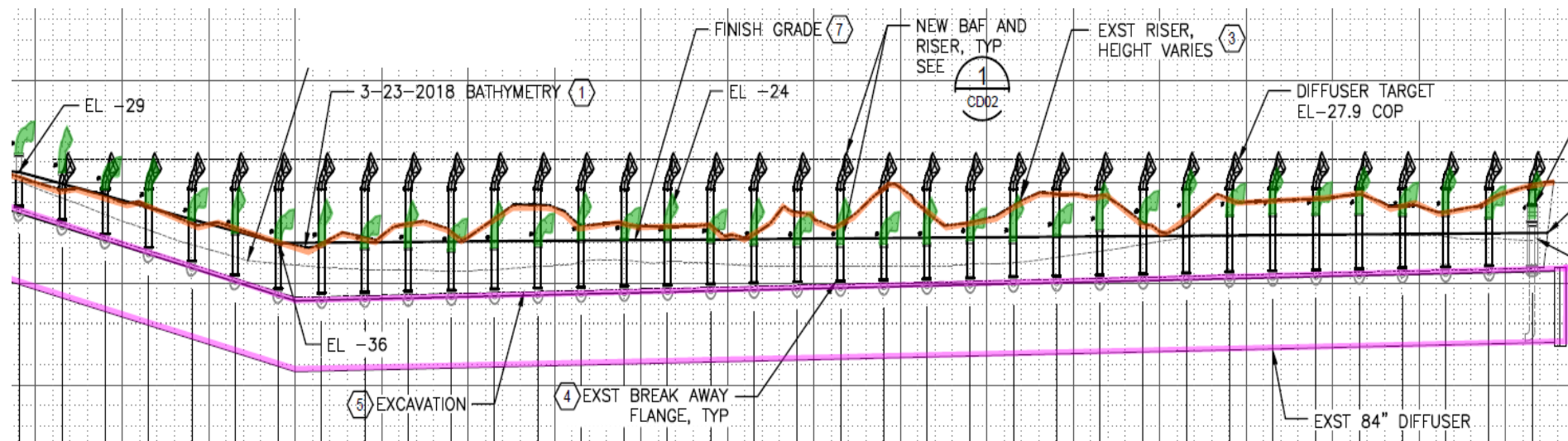
Agenda Item 59



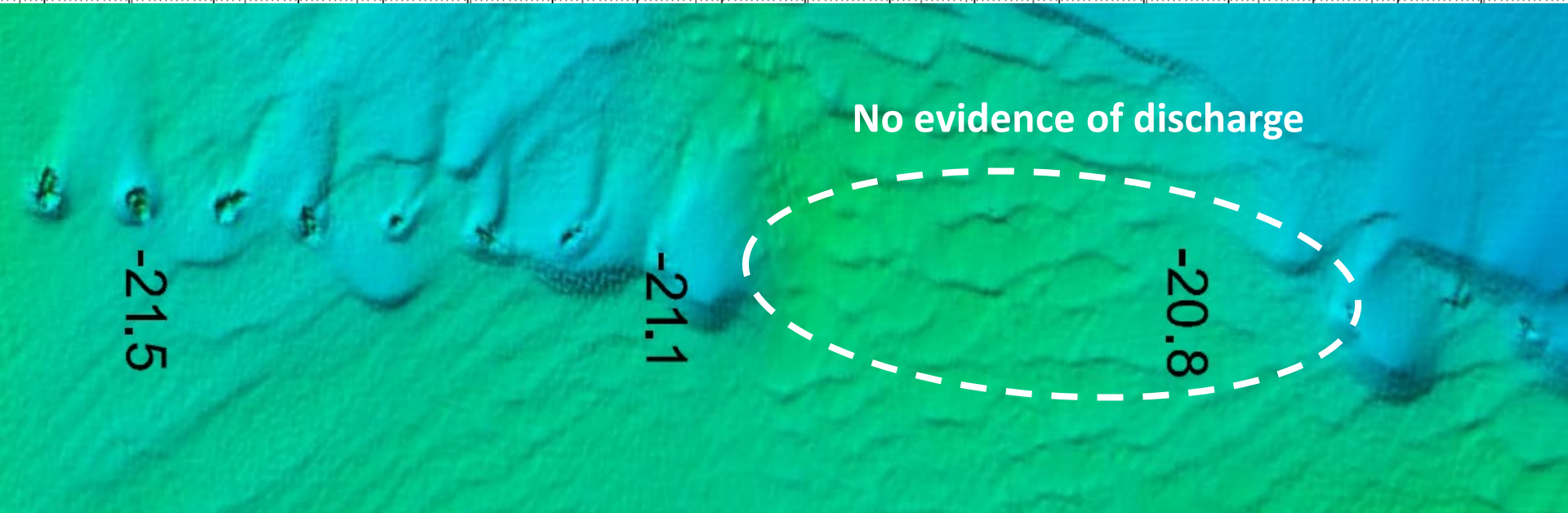
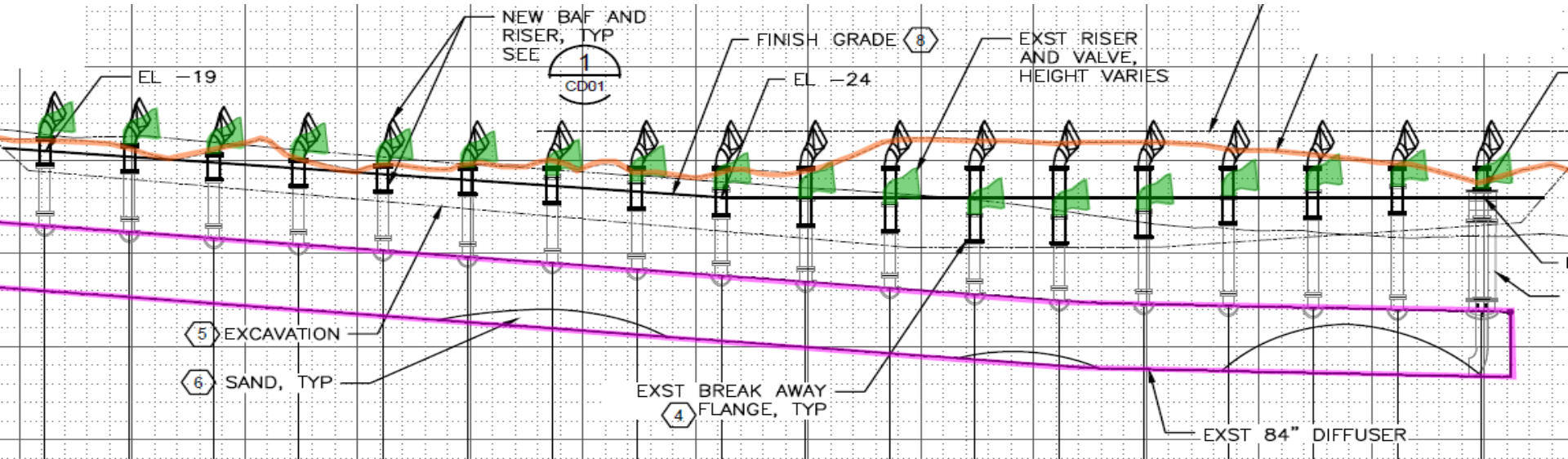
Project Location



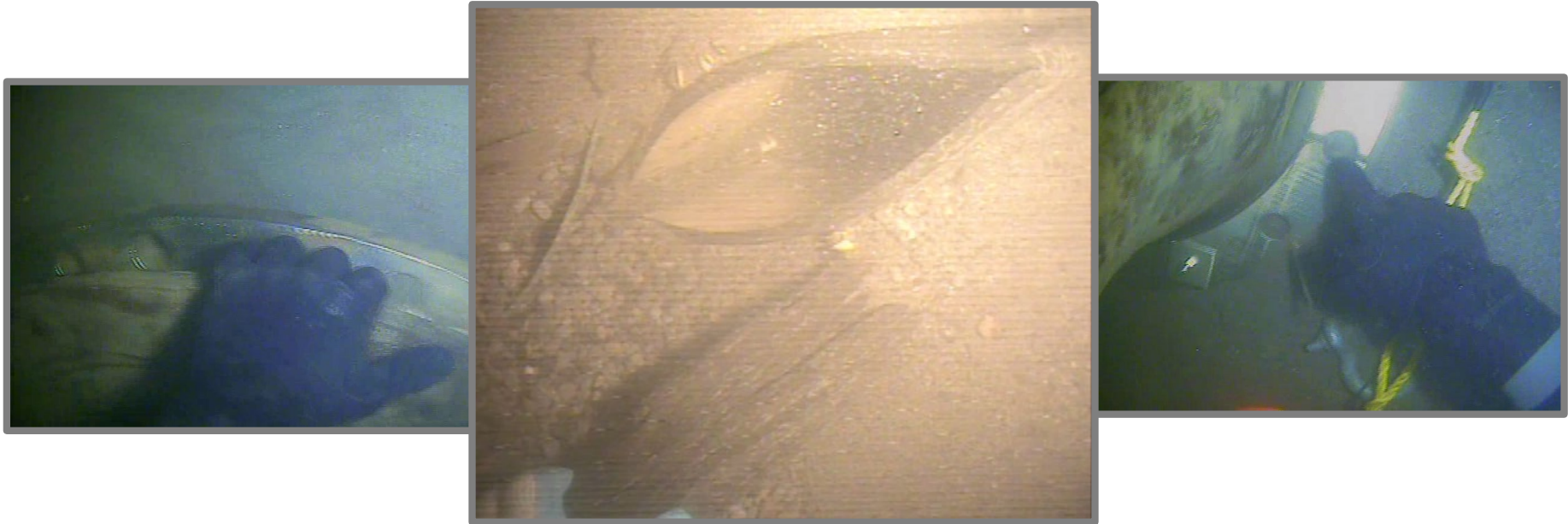
Project Overview – Outfall 1



Project Overview - Outfall 3



Project Objectives



- Restore risers and diffuser ports to provide full discharge capacity.
- Improvements to increase resiliency and reduce probability of future sand burial.
- Improved dilution performance to meet Department of Environmental Quality permits and water quality standards for future effluents.



Project Budget and Schedule

- Total project cost at completion is estimated at \$7,151,000.
- The estimated construction contract cost is \$5,500,000.
- The estimate includes 5% contingency.
- Project Schedule:

Project Phase	Start	Finish
Design	April 2017	Dec 2020
Advertise	Feb 2021	June 2021
Construction	Aug 2021	Feb 2022
Warranty / Closeout	Mar 2022	Mar 2024



Questions

Thank you

