



Oregon

Tina Kotek, Governor

Department of State Lands

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Salem, OR 97301-1279

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Exhibit 4_DSL Permit_Engineering Services for Pier 3 Boatyard Haul Out Piers Rehabilitation

State Land Board

Tina Kotek

Governor

Tobias Read

Secretary of State

Elizabeth Steiner

State Treasurer

BEFORE THE DIRECTOR OF THE DEPARTMENT OF STATE
LANDS OF THE STATE OF OREGON

In the Matter of Removal-Fill Permit)
Application 65501-RF) Proposed Permit Decision and Order;
) Notice of Right to a Hearing
By Port Of Astoria)

Short and Plain Statement of the Permitting Decision: The permit application is approved because the Department of State Lands (DSL or the Department) has determined that, when carried out in compliance with all terms and conditions outlined in the permit, the proposed removal-fill activity is consistent with the protection, conservation, and best use of the water resources of this state and will not unreasonably interfere with the paramount policy of this state to preserve the use of its waters for navigation, fishing, and recreation. See ORS 196.825.

I. Applicable Law:

- a. ORS Chapter 196 governs removal fill permits in Oregon. The Department administers Oregon's Removal-Fill Law, Oregon Revised Statutes (ORS) 196.795 to ORS 196.990, which protects the state's wetlands and waterways. See ORS 196.805. Unless an exception applies, a person may not remove material from waters of this state or fill waters of this state without a permit from DSL. ORS 196.810. Waters of this state include the all-natural waterways, tidal and non-tidal bays, intermittent streams, constantly flowing streams, lakes, wetlands, the Pacific Ocean that is in the boundaries of this state, and other water bodies. ORS 196.800; Oregon Administrative Rule (OAR) 141-085-0515; OAR 141-093-0100.
- b. Specifically, the statutes that govern removal-fill permits in Oregon, including the permit application at issue in this case, generally include the following:

- ORS 196.795 (Administration of State Removal or Fill Permits; General Permits);
- ORS 196.800 (Definitions);
- ORS 196.805 (Policy);
- ORS 196.810 (Removal from Bed or Banks of Waters; Permits; Exceptions);
- ORS 196.812 (Removal of Large Woody Debris);
- ORS 196.815 (Permit Applications; Fees);
- ORS 196.816 (Removal of Materials for Purpose of Maintaining Drainage and Protecting Agricultural Land);
- ORS 196.817 (Removal or Fill General Permits);
- ORS 196.818 (Wetland Delineation Reports; Fees);
- ORS 196.820 (Smith Lake, Bybee Lake Prohibition);

ORS 196.825 (Permit Criteria; Consultation with Other Agencies);
ORS 196.830 (Estuarine Resource Replacement; Other Permit Conditions);
ORS 196.835 (Issuance of Permits; Procedure);
ORS 196.845 (Investigations and Surveys of Location); and
ORS 196.850 (Waiver of Permit Requirement; Notice; Review).

The full text of these statutes may be viewed online at:

https://www.oregonlegislature.gov/bills_laws/ors/ors196.html.

The full text of these statutes may also be inspected in person during normal business hours at:

Oregon Department of State Lands
775 Summer St NE STE 100
Salem, OR 97301.

- c. OAR Chapter 141, Division 85 implement the above statutory scheme and govern removal-fill permits in Oregon. The rules that govern removal-fill permits in Oregon, including the permit application at issue in this case, generally include the following:

Div. 85 Removal-Fill Authorizations:

OAR 141-085-0500 (General);
OAR 141-085-0506 (Policy);
OAR 141-085-0510 (Definitions);
OAR 141-085-0515 (Removal-Fill Jurisdiction by Type of Water);
OAR 141-085-0520 (Removal-Fill Jurisdiction by Volume of Material);
OAR 141-085-0525 (Measuring and Calculating Volume of Removal and Fill);
OAR 141-085-0530 (Exemptions for Certain Activities and Structures);
OAR 141-085-0534 (Exemptions for Certain Voluntary Habitat Restoration Activities);
OAR 141-085-0535 (Exemptions Specific to Agricultural Activities);
OAR 141-085-0540 (Types of Authorizations);
OAR 141-085-0545 (Fees; Amounts and Disposition);
OAR 141-085-0550 (Application Requirements for Individual Permits);
OAR 141-085-0555 (Individual Removal-Fill Permit Application Review Process);
OAR 141-085-0560 (Public Review Process for Individual Removal - Fill Permit Applications);
OAR 141-085-0565 (Department Determinations and Considerations in Evaluating Individual Permit Applications);
OAR 141-085-0575 (Permit Appeals);
OAR 141-085-0580 (Discovery in Contested Cases);
OAR 141-085-0585 (Permit Conditions, Permit Expiration Dates and Permit Transfer);
OAR 141-085-0590 (Renewal and Extension of Individual Removal-Fill Permits);
OAR 141-085-0595 (Permit Requirements and Interagency Coordination for Department of Environmental Quality Approved Remedial Action, Corrections Facilities, Solid Waste Land Fills and Energy Facilities);
OAR 141-085-0665 (Expedited Process for Industrial or Traded Sector Sites);
OAR 141-085-0676 (Emergency Authorizations);
OAR 141-085-0680 (Compensatory Mitigation (CM); Applicability and Principal Objectives);
OAR 141-085-0685 (Functions and Values Assessment);
OAR 141-085-0690 (Eligibility Requirements for CM);
OAR 141-085-0692 (Mitigation Accounting);
OAR 141-085-0694 (Special Requirement for CM);
OAR 141-085-0695 (Administrative Protection of CM Sites);

OAR 141-085-0700 (Financial Security for CM Sites);
OAR 141-085-0705 (Requirements for CM Plans);
OAR 141-085-0710 (Monitoring Requirements for CWM);
OAR 141-085-0715 (Mitigation for Temporary Impacts);
OAR 141-085-0720 (Mitigation Banking Purpose, Applicability and Policies);
OAR 141-085-0725 (Process for Establishing Mitigation Banks);
OAR 141-085-0730 (Establishment of Mitigation Credits);
OAR 141-085-0735 (Release, Use and Sale of Mitigation Credits);
OAR 141-085-0740 (Authorization for Mitigation Banks);
OAR 141-085-0745 (In-Lieu Fee Mitigation);
OAR 141-085-0750 (Payments to and Expenditures from the Oregon Removal-Fill Mitigation Fund);
OAR 141-085-0755 (Advance Mitigation); and
OAR 141-085-0768 (Advance Aquatic Resource Plans).

The full text of these rules may be viewed online at:

<https://secure.sos.state.or.us/oard/viewSingleRule.action?ruleVrsnRsn=15700>.

The full text of these rules may also be inspected in person during normal business hours at:

Oregon Department of State Lands
775 Summer St NE STE 100
Salem, OR 97301.

II. Findings of Fact and Findings of Ultimate Fact:

1. The Department received a complete, written application from applicant on April 15, 2025 for the proposed removal-fill activity consisting of 53 cubic yards of fill and 53 cubic yards of removal to reinforce an existing boat haulout located at Pier 3 of the Port of Astoria in the Columbia River Estuary.
2. The Department circulated the complete application for 30-day public comment period April 18, 2025 to May 17, 2025 to parties including, affected local, state and federal agencies, affected tribal governments, adjacent landowners, and other parties requesting notification.
3. There were no comments that required a response to the Department.
4. Based on all the information in the agency file in this matter, including the complete application, comments received, applicant response to comments, and the agency's own investigations, the Department concludes as to the determinations in ORS 196.825(1) and (4), OAR 141-085-0565(3), and OAR 141-093-0115:
 - a. The project described in the permit application and as conditioned in the proposed permit, is consistent with the protection, conservation, and best use of the water resources of this state as specified in ORS 196.600 to 196.905;
 - b. The project described in the permit application and as conditioned in the proposed permit would not interfere with the paramount policy of this state to preserve the use of its waters for navigation, fishing, and public recreation.
 - c. The project results in a substantial fill in an estuary for a non-water dependent use but is for a public use that satisfies a public need that outweighs harm to navigation, fishery and recreation and meets all other criteria contained in ORS 196.600 to 196.905.

5. Based on all the information in the agency file in this matter, including the complete application, comments received, applicant response to comments, and the agency's own investigations, the Department concludes, as to the considerations in ORS 196.825(3), OAR 141-085-0565(4), OAR 141-093-0115.
 - a. The applicant is a public body and the Department has relied upon the public body's findings as to local public need and local public benefit.
 - b. There is an identified economic cost to the public if the proposed fill or removal is not accomplished. A reinforced boat haulout will provide an opportunity for larger commercial and recreational boats to complete required services. This will help to ensure the vessels receive timely maintenance and that additional costs are not passed to the public.
 - c. The application describes no alternatives to the project for which the fill or removal is proposed other than not completing the project, which has been designed to avoid in-water excavation. There are no practicable alternatives with lesser impact to waters of this state.
 - d. The application describes no alternative sites for the proposed removal or fill as this project is designed to improve the boat haulout that is located at Pier 3. There are no practicable alternative sites with lesser impact to waters of this state.
 - e. The proposed project conforms to sound policies of conservation because adverse effects to the aquatic resources have been reduced to the extent practicable and the proposed permit contains operating conditions for best management practices to further minimize adverse effects. No interference with public health and safety was identified in the application evaluation and public review processes.
 - f. There is not a conflict with existing public uses of the affected waters or adjacent land uses identified in the application evaluation and public review processes.
 - g. The proposed fill or removal is compatible with the governing comprehensive plan and land use regulations as described in the Land Use Compatibility Statement
 - h. The proposed fill and removal is not for streambank protection.
 - i. The application describes compensatory mitigation in the form of the removal of 21 existing creosote-treated timber piles within the project site to offset the installation of 16 new steel piles and pile caps that are needed for the project. The mitigation is sufficient to offset anticipated spatial and function attribute losses resulting from the proposed fill or removal.

III. **Conclusions of Law:**

Based on the factors laid out in ORS Chapter 196 and OAR Chapter 141, Division 85, including ORS 196.825, OAR 141-085-0565, and OAR 141-093-0115, DSL should approve the permit application as conditioned in the proposed permit.

IV. **Proposed Order:**

The Department proposes approving the permit application with conditions and based on the factors laid out in ORS Chapter 196 and OAR Chapter 141, Division 85, including ORS 196.825, OAR 141-085-0565 and OAR 141-093-0130.

As described below, you have the right to request a hearing within 21 days. Prior to the expiration of the 21-day period, this proposed permit decision is not the final agency order on the matter, and the permittee should be aware that the decision could be changed prior to the expiration of the 21-day appeal period—either because the permittee requests a contested case hearing, or as otherwise allowed under the removal fill law. A permittee who begins work under a permit prior to issuance of a final order does so with acceptance of this risk.

V. **Hearing:**

You are entitled to request a hearing based on this Proposed Order as provided by the Oregon Administrative Procedures Act (ORS chapter 183) and the administrative rules implementing the Administrative Procedures Act, OAR Chapter 137, Division 3. See ORS 196.825(7); OAR 141-001-0005; OAR 141-001-0010; OAR 141-085-0575; OAR 141-093-0130.

If you want a hearing, you must file a written request for a hearing with the Department no later than 21 calendar days from the date of the permit decision. See ORS 196.825(7); OAR 141-085-0575; OAR 141-093-0130. If you are a corporation, partnership, limited liability company, unincorporated association, trust, or government body, you must either have an attorney licensed to practice law in Oregon submit a request for a contested case hearing on your behalf or ratify your hearing request within 28 days. See OAR 137-003-0550.

The Department has determined that due to the complexity of removal-fill permitting, a general denial of the matters or a general objection to all permit conditions in the request for a contested case proceeding does not provide sufficient information for a fair and efficient contested case and a more specific request is warranted. OAR 141-085-0575. All requests for a contested case proceeding under this section shall include a specific list of issues for the contested case proceeding. OAR 141-085-0575. The requester may amend their request to include additional issues or clarify existing issues within 15 days of the date that the case is referred to the Office of Administrative Hearings. OAR 141-085-0575.

You may mail a request for a hearing to:

Department of State Lands
Aquatic Resource Management Program
775 Summer Street NE STE 100
Salem, OR 97301.

If you request a hearing, you will be notified of the time and the place of the hearing. See OAR 137-003-0525. You may be represented by legal counsel at the hearing. ORS 183.417; OAR 137-003-0550. Corporations, partnerships, limited liability companies, unincorporated associations, trusts and government bodies must be represented by an attorney except as provided in OAR 137-003-0555 or as otherwise authorized by law. OAR 137-003-0550. Legal aid organizations may be able to represent you if you have limited financial resources. You will be given information on the procedures, right of representation, and other rights of parties

relating to the substance and conduct of the hearing before commencement of the hearing. See ORS 183.413.

VI. Jurisdiction and Authority to Hold a Hearing:

The Department has jurisdiction over the issuance of removal-fill permits pursuant to ORS Chapter 196, and specifically, ORS 196.810. A permit decision constitutes an order in a contested case. See ORS 183.310(2)(a); ORS 196.825(7). If timely requested, a hearing is held as laid out in ORS 183.411 to ORS 183.471, OAR Chapter 137, Division 3, ORS Chapter 196, and OAR Chapter 141, Division 85. ORS 196.825(7).

VII. Final Order and Defaults:

If a request for a hearing is not received by the Department within this 21-day period, your right to a hearing shall be waived and this Proposed Order shall become the Final Order by default. See ORS 196.825(7); OAR 141-085-0575; OAR 141-093-0130.

If you request a hearing and then either withdraw your hearing request, notify the Department or administrative law judge that you will not appear, or fail to appear at a scheduled hearing, the Department may issue a final order by default. See ORS 183.417.

If the Department issues a final order by default, it designates its file on this matter, including any materials submitted by you that relate to this matter, as the record for purposes of supporting its decision.

If you proceed to a contested case hearing, a Final Order will not be issued until after the hearing concludes. See ORS 183.464; OAR 141-085-0575; OAR 141-093-0130.

VIII. Federal Servicemembers Civil Relief Act:

Active duty servicemembers have a right to stay contested case proceedings under the federal Servicemembers Civil Relief Act. See *generally* 50 USC 3901 *et seq.* For more information, contact the Oregon State Bar (800-452-8260), the Oregon Military Department (503-584-3571), or the nearest United States Armed Forces Legal Assistance Office (<http://legalassistance.law.af.mil>). The Oregon Military Department does not have a toll-free telephone number.

Department of State Lands
775 Summer Street, Suite 100
Salem, OR 97301-1279
☎ 503-986-5200

Permit No.:	<u>65501-RF</u>
Permit Type:	<u>Removal/Fill</u>
Waters:	<u>Columbia River</u>
County:	<u>Clatsop</u>
Expiration Date:	<u>July 15, 2027</u>

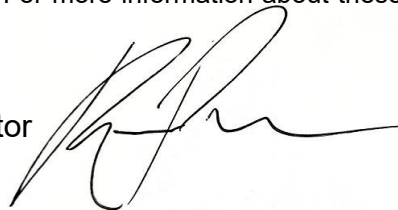
PORT OF ASTORIA

IS AUTHORIZED IN ACCORDANCE WITH ORS 196.800 TO 196.990 TO PERFORM THE OPERATIONS DESCRIBED IN THE REFERENCED APPLICATION, SUBJECT TO THE SPECIAL CONDITIONS LISTED ON ATTACHMENT A AND TO THE FOLLOWING GENERAL CONDITIONS:

1. This permit does not authorize trespass on the lands of others. The permit holder must obtain all necessary access permits or rights-of-way before entering lands owned by another.
2. This permit does not authorize any work that is not in compliance with local zoning or other local, state, or federal regulation pertaining to the operations authorized by this permit. The permit holder is responsible for obtaining the necessary approvals and permits before proceeding under this permit.
3. All work done under this permit must comply with Oregon Administrative Rules, Chapter 340; Standards of Quality for Public Waters of Oregon. Specific water quality provisions for this project are set forth on Attachment A.
4. Violations of the terms and conditions of this permit are subject to administrative and/or legal action, which may result in revocation of the permit or damages. The permit holder is responsible for the activities of all contractors or other operators involved in work done at the site or under this permit.
5. Employees of the Department of State Lands (DSL) and all duly authorized representatives of the Director must be permitted access to the project area at all reasonable times for the purpose of inspecting work performed under this permit.
6. Any permit holder who objects to the conditions of this permit may request a hearing from the Director, in writing, within twenty-one (21) calendar days of the date this permit was issued.
7. In issuing this permit, DSL makes no representation regarding the quality or adequacy of the permitted project design, materials, construction, or maintenance, except to approve the project's design and materials, as set forth in the permit application, as satisfying the resource protection, scenic, safety, recreation, and public access requirements of ORS Chapters 196, 390, and related administrative rules.
8. Permittee must defend and hold harmless the State of Oregon, and its officers, agents and employees from any claim, suit, or action for property damage or personal injury or death arising out of the design, material, construction, or maintenance of the permitted improvements.
9. Authorization from the U.S. Army Corps of Engineers may also be required.

NOTICE: If removal is from state-owned submerged and submersible land, the permittee must comply with leasing and royalty provisions of ORS 274.530. If the project involves creation of new lands by filling on state-owned submerged or submersible lands, you must comply with ORS 274.905 to 274.940 if you want a transfer of title; public rights to such filled lands are not extinguished by issuance of this permit. This permit does not relieve the permittee of an obligation to secure appropriate leases from DSL, to conduct activities on state-owned submerged or submersible lands. Failure to comply with these requirements may result in civil or criminal liability. For more information about these requirements, please contact Department of State Lands, 503-986-5200.

Robert Pennington, Aquatic Resource Coordinator
Aquatic Resource Management
Oregon Department of State Lands



Authorized Signature

April 13, 2026
Date

ATTACHMENT A

Permit Holder: Port of Astoria

Project Name: Pier 3 Boat Haulout Reinforcement

Special Conditions for Removal/Fill Permit No. 65501-RF

READ AND BECOME FAMILIAR WITH CONDITIONS OF YOUR PERMIT.

The project site may be inspected by the Department of State Lands (DSL) as part of our monitoring program. A copy of this permit must be available at the work site whenever authorized operations are being conducted.

1. **Responsible Party:** By signature on the application, Matt McGrath is acting as the representative of Port of Astoria. By proceeding under this permit, Port of Astoria agrees to comply with and fulfill all terms and conditions of this permit, unless the permit is officially transferred to another party as approved by DSL. In the event information in the application conflicts with these permit conditions, the permit conditions prevail.
2. **Authorization to Conduct Removal and/or Fill:** This permit authorizes 48 linear feet of waterway impact(s) with associated removal and fill of material in T8N R10W Section 13, Tax Lot 100, in Clatsop County, as referenced in the application, map and drawings (See Attachment B for project location(s)), dated April 15, 2025. This permit also authorizes removal and fill activities necessary to complete the required compensatory mitigation.
3. **Work Period in Jurisdictional Areas:** Fill or removal activities below the highest measured tide elevation of Columbia River must be conducted between November 1 and February 28, unless otherwise coordinated with Oregon Department of Fish and Wildlife and approved in writing by DSL. If fish eggs are observed within the project area, work must cease, and DSL contacted immediately.
4. **Changes to the Project or Inconsistent Requirements from Other Permits:** It is the permittee's responsibility to ensure that all state, federal and local permits are consistent and compatible with the final approved project plans and the project as executed. Any changes made in project design, implementation or operating conditions to comply with conditions imposed by other permits resulting in removal-fill activity must be approved by DSL prior to implementation.
5. **DSL May Halt or Modify:** DSL retains the authority to temporarily halt or modify the project or require rectification in case of unforeseen adverse effects to aquatic resources or permit non-compliance.
6. **DSL May Modify Conditions Upon Permit Renewal:** DSL retains the authority to modify conditions upon renewal, as appropriate, pursuant to the applicable rules in effect at the time of the request for renewal or to protect waters of this state.

Pre-Construction

7. **Stormwater Management Approval Required Before Beginning Work:** Prior to the start of construction, the permittee must obtain a National Pollution Discharge Elimination System (NPDES) permit from the Oregon Department of Environmental Quality (DEQ), if one is required by DEQ.
8. **Pre-construction Resource Area Fencing or Flagging:** Prior to any site grading, the boundaries of the avoided wetlands, waterways, and riparian areas adjacent to the project site must be surrounded by noticeable construction fencing or flagging. The marked areas must be maintained during construction of the project and be removed immediately upon project completion.

General Construction Conditions

9. **Water Quality Certification:** The Department of Environmental Quality (DEQ) may evaluate this project for a Clean Water Act Section 401 Water Quality Certification (WQC). If the evaluation results in issuance of a Section 401 WQC, that turbidity condition will govern any allowable turbidity exceedance and monitoring requirements.
10. **Erosion Control Methods:** The following erosion control measures (and others as appropriate) must be installed prior to construction and maintained during and after construction as appropriate, to prevent erosion and minimize movement of soil into waters of this state.
 - a. All exposed soils must be stabilized during and after construction to prevent erosion and sedimentation.
 - b. Filter bags, sediment fences, sediment traps or catch basins, leave strips or berms, or other measures must be used to prevent movement of soil into waterways and wetlands.
 - c. To prevent erosion, use of compost berms, impervious materials or other equally effective methods, must be used to protect soil stockpiled during rain events or when the stockpile site is not moved or reshaped for more than 48 hours.
 - d. Unless part of the authorized permanent fill, all construction access points through, and staging areas in, riparian and wetland areas must use removable pads or mats to prevent soil compaction. However, in some wetland areas under dry summer conditions, this requirement may be waived upon approval by DSL. At project completion, disturbed areas with soil exposed by construction activities must be stabilized by mulching and native vegetative plantings/seeding. Sterile grass may be used instead of native vegetation for temporary sediment control. If soils are to remain exposed more than seven days after completion of the work, they must be covered with erosion control pads, mats or similar erosion control devices until vegetative stabilization is installed.
 - e. Where vegetation is used for erosion control on slopes steeper than 2:1, a tackified seed mulch must be used so the seed does not wash away before germination and rooting.
 - f. Dredged or other excavated material must be placed on upland areas having stable slopes and must be prevented from eroding back into waterways and wetlands.
 - g. Erosion control measures must be inspected and maintained as necessary to ensure their continued effectiveness until soils become stabilized.
 - h. All erosion control structures must be removed when the project is complete, and soils are stabilized and vegetated.
11. **Fuels, Hazardous, Toxic, and Waste Material Handling:** Petroleum products, chemicals, fresh cement, sandblasted material and chipped paint, material treated with leachable preservatives or

other deleterious waste materials must not be allowed to enter waters of this state. Machinery and equipment staging, cleaning, maintenance, refueling, and fuel storage must be at least 150 feet from OHW or HMT and wetlands to prevent contaminants from entering waters of the state. Refueling is to be confined to a designated area to prevent spillage into waters of this state. Barges must have containment system to effectively prevent petroleum products or other deleterious material from entering waters of this state. Project-related spills into waters of this state or onto land with a potential to enter waters of this state must be reported to the Oregon Emergency Response System (OERS) at 1-800-452-0311.

12. **Archaeological Resources:** If any archaeological resources, artifacts or human remains are encountered during construction, all construction activity must immediately cease. The State Historic Preservation Office must be contacted at 503-986-0674. You may be contacted by a Tribal representative if it is determined by an affected Tribe that the project could affect Tribal cultural or archeological resources.
13. **Construction Corridor:** There must be no removal of vegetation or heavy equipment operating or traversing outside the designated construction corridor or footprint (Figure(s) 3).
14. **Hazards to Recreation, Navigation or Fishing:** The activity must be timed so as not to unreasonably interfere with or create a hazard to recreational or commercial navigation or fishing.
15. **Fish Passage May Be Required:** The project must meet Oregon Department of Fish and Wildlife requirements for fish passage, as required in ORS 509.585. Contact the local ODFW District Fish Biologist to ensure your project meets the state's fish passage requirements.
16. **Raising or Redirecting Water:** The project must not cause water to rise or be redirected and result in damage to structures or property on the project site as well as adjacent, nearby, upstream, and downstream of the project site.

Pilings/Dock Structures

17. **Piling Placement and/or Removal Location:** Piling must be placed and/or removed from locations depicted in the application, (Figure(s) 3).
18. **Method of Piling Placement:** Pilings must be placed by means of a vibratory hydraulic hammer whenever feasible and the use of an impact hammer is not anticipated, as described in the application.
19. **Method of Piling Removal:** Removal of pile must be conducted by means of vibratory removal.
 - a. Piling must not intentionally be broken by twisting or bending;
 - b. Upon removal, piling must be handled to effectively contain all adhering sediment. All return flows must meet state water quality standards; and
 - c. Piling and containment materials must be disposed in an approved upland disposal site.
20. **Broken Piles:**

If piling breaks above or below the bed surface within an area of uncontaminated sediment, piling must be cut at least two feet below the bed surface or otherwise pushed into that depth, then covered with a cap of clean substrate.

21. **Backfilling after Piling Removal Required:** Where the waterway bed is exposed by seasonal or tidal fluctuations, the area vacated from structure removal must be backfilled with native material upon removal completion.
22. **Piling Placement Equipment Location:** Pilings must be placed using barge-mounted equipment or equipment located above the top of bank.
23. **Sound Reduction:** A vibratory hammer must be used whenever feasible. If an impact hammer must be used to drive or proof steel piles, sound attenuation measures including cushion blocks (wood blocks between pile and hammer) and bubble curtains operated to distribute air bubbles around 100 percent of the piling for the full depth of the water column must be used:
- a. If water velocity is 1.7 miles per hour or less, an unconfined bubble curtain may be used; or
 - b. If water velocity is greater than 1.7 miles per hour, a confined bubble curtain (e.g., bubble ring surrounded by fabric or metal sleeve) must be used.
24. **Barge Grounding Prohibited:** If barge-mounted, the barge must not at any time be grounded on the bed or banks of the waterway except when using a temporary placement of spud piles.
25. **Leachable Preservatives Prohibited:** There must be no products treated with creosote or other leachable preservatives in the new or replaced piles or structure.
26. **Waste Pilings Disposal:** Old piling and other waste material must be disposed of in a disposal facility approved for this purpose. There must be no temporary storage of piling or other waste material below top of bank or in any wetland, Federal Emergency Management Administration designated floodway, or an area historically subject to landslides.
27. **Anti-Perching Devices Required:** Pilings must be fitted with devices to effectively prevent perching by fish eating bird species.

Compensatory Mitigation

28. **Mitigation Site Location:** The mitigation must be conducted on-site and adjacent to the Boat Haulout project area (Lat. 46.1884, Long. -123.8645) in 8N R10W Section 13, Tax Lot 100, in Clatsop County, as shown on Figure(s) 3 of the application.
29. **Post-Construction Report Required:** A post-construction report demonstrating as-built conditions and discussing any variation from the approved plan must be provided to DSL within 90 days of project completion. The post-construction report must include:
- a. A scaled drawing, accurate to 1-foot elevation, clearly showing the following:
 - i. Finished contours of the site.
 - ii. Current tax lot and right-of-way boundaries.
 - iii. Photo point locations.
 - b. Photos from fixed photo points. This should clearly show the completed Pier 3 boat haulout as well as before and after photos of the mitigation area where the timber pilings were removed.
 - c. A narrative that describes any deviation from the approved plan.

ATTACHMENT B

Permit Holder: Port of Astoria

Project Name: Pier 3 Boat Haulout Reinforcement

Maps and Drawings for Removal/Fill Permit No. 65501-RF



FIGURE 1: USGS Topographic Map

Port of Astoria

Pier 3 Boat Haulout Reinforcement

(USGS 2023)

Applicant: Matt McGrath, Port of Astoria
Project Name: Pier 3 Boat Haulout Reinforcement
Location: Astoria, OR
Lat/Long: 46.1872 N / -123.8622 W (WGS84)
TRS: T:8N / R:10W / S:12

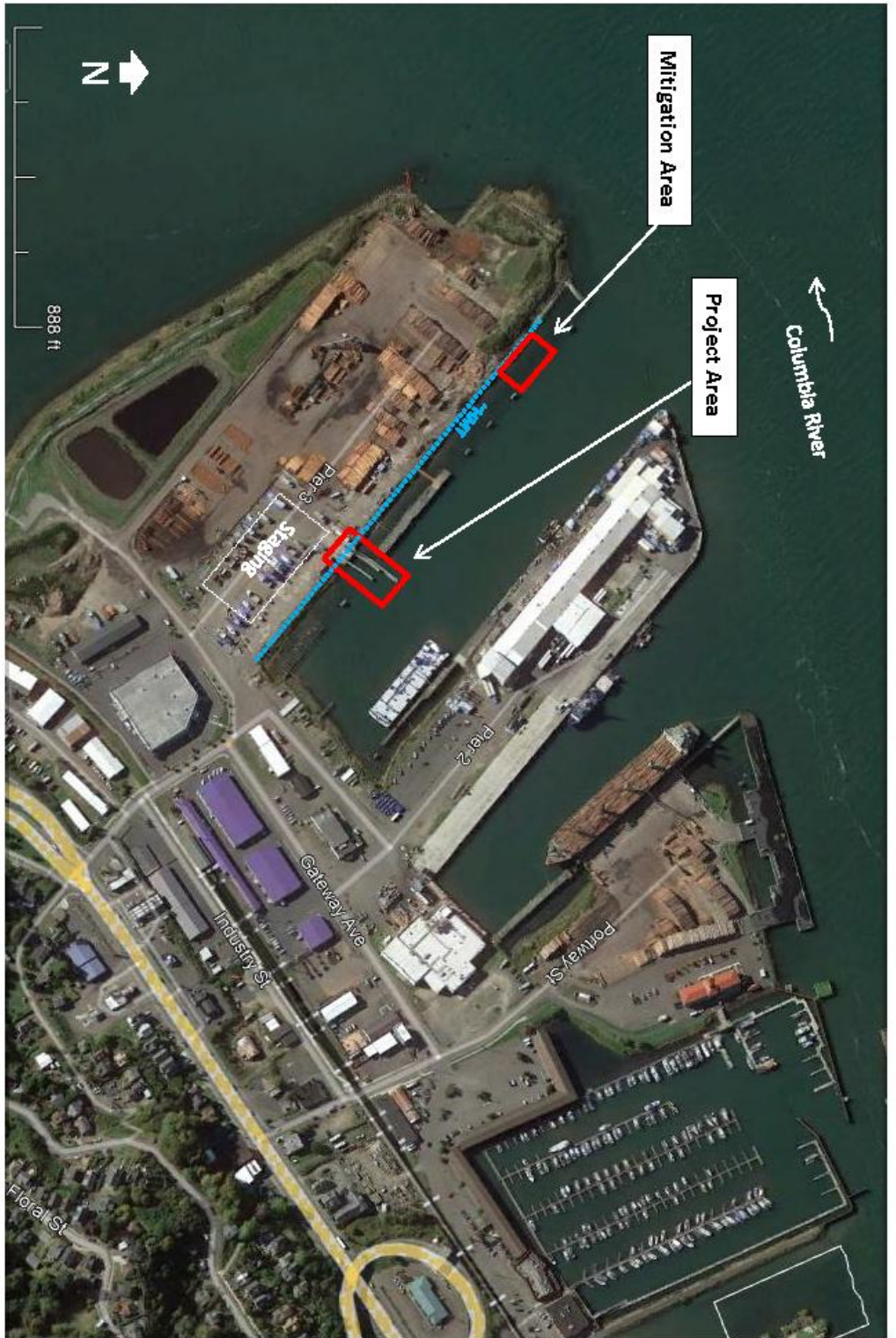


FIGURE 3: Aerial Photograph
Port of Astoria
Pier 3 Boat Haulout Reinforcement
(GoogleEarth 2023)

Applicant: Matt McGrath, Port of Astoria
Project Name: Pier 3 Boat Haulout Reinforcement
Location: Astoria, OR
Lat/Long: 46.1872 N / -123.8622 W (WGS84)
TRS: T:8N / R:10W / S:12

