



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

PO Box 47600, Olympia, WA 98504-7600 • 360-407-6000

November 8, 2023

Columbia Land Trust
ATTN: Ian Sinks
850 Officer's Row
Vancouver, WA 98661

Re: Water Quality Certification Order No. **21789** (Corps No. **NWS-2023-0344**), Indian Jack Slough Phase III Restoration project, Wahkiakum County, Washington

Dear Ian Sinks:

On March 30, 2023, Columbia Land Trust submitted a request for a Section 401 Water Quality Certification (WQC) under the federal Clean Water Act for the Indian Jack Slough Phase III Restoration project, Wahkiakum County, Washington.

On behalf of the state of Washington, the Department of Ecology certifies that the work described in the Water Quality Certification Request and supplemental documents complies with applicable provisions of Sections 301, 302, 303, 306, and 307 of the Clean Water Act, as amended, and applicable state laws. **This certification is subject to the enclosed Water Quality Certification Order (WQC Order).**

Please ensure that anyone doing work under this WQC Order has read, is familiar with, and is able to follow all of the provisions within the attached WQC Order.

If you have any questions about this decision, please contact Casey Vaughn at (564) 669-4201. The enclosed WQC Order may be appealed by following the procedures described within.

Sincerely,

Brenden McFarland, Section Manager
Environmental Review & Transportation Section
Shorelands and Environmental Assistance Program

WQC Order No. 21789, Corps No. NWS-2023-0344

Aquatics ID No. 141599

November 8, 2023

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Enclosures (3)

By certified mail: 9489 0090 0027 6383 2200 86

Sent via e-mail: isinks@columbialandtrust.org

E-cc: Brad Johnson, U.S. Army Corps of Engineers
Tammy Stout, Cascade Environmental Group
Rod Lundberg, Otak, Inc.
Austin Tomlinson, Columbia Land Trust
Meghan Tait, Ecology
Rowan Kelsall, Ecology
Loree' Randall, Ecology
Casey Vaughn, Ecology
ECYREFEDPERMITS@ecy.wa.gov

**In The Matter of Granting a Water Quality
Certification to Columbia Land Trust**
pursuant to 33 U.S.C. 1341 (FWPCA § 401), RCW 90.48.120,
RCW 90.48.260 and Chapter 173-201A WAC

Columbia Land Trust
Attn: Ian Sinks
850 Officer's Row
Vancouver, WA 98661

WQC Order No.	21789
Corps Reference No.	NWS-2023-0344
Site Location	Indian Jack Slough Phase III Restoration project, located within Indian Jack Slough and wetlands, Cathlamet, Wahkiakum County, Washington.

Columbia Land Trust submitted a request for a Section 401 Water Quality Certification (WQC) under the federal Clean Water Act to the Department of Ecology (Ecology) for the Indian Jack Slough Phase III Restoration project, Wahkiakum County, Washington. The following required processing dates are listed below:

- On 3/30/2022, Columbia Land Trust submitted a pre-filing meeting request.
- On 3/30/2023, Ecology received a request for Clean Water Section 401 Water Quality Certification.
- On 5/17/2023, the U.S. Army Corps of Engineers (Corps) sent a permit notification to Ecology that indicated that they are processing the project under Nationwide Permit (NWP) No. 27 and requires an individual Section 401.
- On 5/31/2023, Ecology issued a public notice for the project.

The project proposes to improve wetland habitat conditions adjacent to the upper reach of Indian Jack Slough through grading and revegetation activities. The project would excavate a number of depressions and connecting channels, and uses excavation spoils to create low mound areas. These actions will work together to create a more varied vegetation mosaic across the site. A portion of the excavation spoils would also be used to fill the constructed drainage ditch to restore site hydrology.

The project site is located at 209 Nelson Creek Rd, Town of Cathlamet, Wahkiakum County, Washington, Section 26, Township 9 N., Range 6 W., within Water Resource Inventory Area (WRIA) 25, Grays-Elokoman.

Authorities

In exercising authority under 33 U.S.C. §1341, RCW 90.48.120, and RCW 90.48.260, Ecology has reviewed this WQC request pursuant to the following:

1. Conformance with applicable water quality-based, technology-based, and toxic or pretreatment effluent limitations as provided under 33 U.S.C. §§1311, 1312, 1313, 1316, and 1317.
2. Conformance with the state water quality standards contained in Chapter 173-201A WAC and authorized by 33 U.S.C. §1313 and by Chapter 90.48 RCW, and with other applicable state laws; and
3. Conformance with the provision of using all known, available and reasonable methods to prevent and control pollution of state waters as required by RCW 90.48.010.
4. Conformance with Washington’s prohibition on discharges that cause or tend to cause pollution of waters of the state of Washington. RCW 90.48.080.
5. The Project Proponent of the project authorized is responsible for obtaining all other permits, licenses, and certifications that may be required by federal, state, local or tribal authorities.

With this Water Quality Certification Order (WQC Order), Ecology is granting with conditions Columbia Land Trust’s request for a Section 401 Water Quality Certification for the Indian Jack Slough Phase III Restoration project, Indian Jack Slough and wetlands located in Wahkiakum County. Ecology has determined that the proposed discharges will comply with all applicable state water quality and other appropriate requirements of State law, provided the project is conducted in accordance with the WQC request that Ecology received on 3/30/2023, the supporting documents referenced in Table 1 below, **and the conditions of this WQC Order.**

Table 1 Supporting Documents

Date Received	Document Type	Title and Date	Author
3/27/2023	Joint Aquatic Resources Permit Application (JARPA) Form	JARPA, signed 4/26/2022	Columbia Land Trust
3/27/2023	Drawings	Indian Jack Slough Phase III Restoration, dated March 2022	Cascade Environmental Group
3/27/2023	Drawings	Figures and photos, dated 4/26/2022	Columbia Land Trust

3/27/2023	Dewatering Plan	Indian Jack Slough Phase III Restoration March 2022	Cascade Environmental Group
3/27/2023	Wetland Delineation and Rating	Wetland Delineation for Indian Jack Slough Phase III Restoration, dated March 2022	Columbia Land Trust
3/27/2023	Construction Stormwater Pollution Prevention Plan	Indian Jack Slough Phase III Restoration Construction Stormwater Pollution Prevention Plan, dated 2/23/2023	Columbia Land Trust
9/14/2023	Planting/Revegetation Plan	Planting and Revegetation Plan Indian Jack Slough Phase III Restoration	Columbia Land Trust
10/20/2023	Water Quality Monitoring Plan	Water Quality Monitoring Plan Indian Jack Slough Phase III Restoration Project, revised 10/18/2023	Columbia Land Trust

Issuance of this Section 401 Water Quality Certification for this proposal does not authorize Columbia Land Trust to exceed applicable state water quality standards (Chapter 173-201A WAC), ground water quality standards (Chapter 173-200 WAC) or sediment quality standards (Chapter 173-204 WAC) or other appropriate requirements of State law. Furthermore, nothing in this Section 401 Water Quality Certification absolves the Columbia Land Trust from liability for contamination and any subsequent cleanup of surface waters, ground waters, or sediments resulting from project construction or operations.

Water Quality Certification Conditions

The following conditions will be incorporated into the Corps permit and strictly adhered to by the Columbia Land Trust. Specific condition justifications and citations are provided below.

A. General Conditions

1. In this WQC Order, the term “Project Proponent” shall mean the Columbia Land Trust and its agents, assignees, and contractors.
 - Justification - Ecology needs to identify that conditions of this WQC Order apply to anyone conducting work on behalf of the Project Proponent to ensure compliance with the water quality standards and other applicable state laws.
 - Citation - 40 CFR 121.1(j), Chapter 90.48 RCW, RCW 90.48.080, RCW 90.48.120, RCW 90.48.260, Chapter 173-200 WAC, Chapter 173-201A WAC, and WAC 173-225-010.
2. All submittals required by this WQC Order shall be sent to Ecology’s Headquarters Office, Attn: Federal Permit Manager, via e-mail to fednotification@ecy.wa.gov and cc to Casey.Vaughn@ecy.wa.gov. The submittals shall be identified with WQC Order No. 21789 and include the Project Proponent’s name, Corps permit number, project name, project contact, and the contact phone number.
 - Justification - Ecology needs to identify where information and submittals are to be submitted to be in compliance with the requirements of this WQC Order.
 - Citation - Chapter 90.48 RCW, RCW 90.48.120, RCW 90.48.260, Chapter 173-201A WAC, and WAC 173-225-010.
3. Work authorized by this WQC Order is limited to the work described in the WQC request package received by Ecology on 3/30/2023, and the supporting documentation identified in Table 1.
 - Justification - Ecology has the authority to prevent and control pollution of state waters. By authorizing a discharge into a water of the state, through a WQC, Ecology is certifying the project as proposed will not negatively impact water quality. Therefore, it is imperative the project is conducted as it was presented during the review process. Any deviations from information within the WQC Request package and this WQC Order must be disclosed prior to the initiation of the planned work, and may require a new WQC request.
 - Citation - 40 CFR 121.5, 40 CFR 121.10, 40 CFR 121.11, Chapter 90.48 RCW, RCW 90.48.030, RCW 90.48.120, RCW 90.48.260, Chapter 173-200 WAC, Chapter 173-201A WAC, Chapter 173-204 WAC, and WAC 173-225-010.
4. The Project Proponent shall keep copies of this WQC Order on the job site and readily available for reference by Ecology personnel, the construction superintendent, construction managers and lead workers, and state and local government inspectors.

- Justification - All parties (including on-site contractors) must be aware of and comply with the WQC Order for the protection of water quality.
 - Citation - Chapter 90.48 RCW, RCW 90.48.030, Chapter 173-201A WAC, and WAC 173-225-010.
5. The Project Proponent shall provide access to the project site upon request by Ecology personnel for site inspections, monitoring, and/or necessary data collection, to ensure that conditions of this WQC Order are being met.
- Justification - Ecology must be able to investigate and inspect construction sites and facilities for compliance with all state rules and laws.
 - Citation - Chapter 90.48 RCW, RCW 90.48.030, RCW 90.48.090, RCW 90.48.120, Chapter 173-201A WAC, and WAC 173-225-010.
6. The Project Proponent shall ensure that all project engineers, contractors, and other workers at the project site with authority to direct work have read and understand relevant conditions of this WQC Order and all permits, approvals, and documents referenced in this WQC Order. The Project Proponent shall provide Ecology a signed statement (see Attachment A for an example) before construction begins.
- Justification - Ecology needs to ensure that anyone conducting work at the project, on behalf of the Project Proponent, are aware of and understand the required conditions of this WQC Order to ensure compliance with the water quality standards and other applicable state laws.
 - Citation - Chapter 90.48 RCW, RCW 90.48.030, Chapter 173-201A WAC, and WAC 173-225-010.
7. This WQC Order does not authorize direct, indirect, permanent, or temporary impacts to waters of the state or related aquatic resources, except as specifically provided for in conditions of this WQC Order.
- Justification - Ecology has the authority to prevent and control pollution of state waters, and to protect designated uses. By authorizing a discharge into a water of the state, through a water quality certification, Ecology is certifying the project as proposed will not negatively impact state water quality and will comply with the state's water quality requirements. Therefore, it is imperative the project is conducted as it was presented during the review process, and as conditioned herein.

- Citation - Chapter 90.48 RCW, RCW 90.48.030, RCW 90.48.120, Chapter 173-200 WAC, Chapter 173-201A WAC, WAC 173-201A-300(2)(e)(i), WAC 173-201A-310, WAC 173-204-120, and WAC 173-225-010.
8. Failure of any person or entity to comply with the WQC Order may result in the issuance of civil penalties or other actions, whether administrative or judicial, to enforce the state's water quality standards and the conditions of this WQC Order.
- Justification - Ecology must protect waters of the state from all discharges and potential discharges of pollution that can affect water quality to protect aquatic life and beneficial uses. Ecology has independent state authority to ensure protection of state water quality. Civil penalties and other enforcement actions are the primary means of securing compliance with water quality requirements.
 - Citation - Chapter 90.48 RCW, RCW 90.48.030, RCW 90.48.037, RCW 90.48.080, RCW 90.48.120, RCW 90.48.140, RCW 90.48.142, RCW 90.48.144, and WAC 173-225-010.
9. The Project Proponent shall provide Ecology documentation for review before undertaking any major changes to the proposed project that could significantly and adversely affect water quality, other than those project changes required by this WQC Order.
- Justification - Ecology has independent authority to enforce our 401 certification conditions issued through this WQC Order pursuant to RCW 90.48, and has independent state authority to ensure protection of state water quality. In order to ensure the project will comply with water quality standards in the event of any major changes, Ecology must be able to review the scope of work involved in the construction and operation of the project, otherwise all work must stop and a new 401 certification pre-filing meeting, followed by a new WQC request (after requisite 30-days) is required.
 - Citation - 40 CFR 121.1(k) and (n), 40 CFR 121.3, 40 CFR 121.5, 40 CFR 121.11, Chapter 90.48 RCW, and Chapter 173-201 WAC.
10. The Project Proponent shall send (per A.2.) a copy of the final Federal permit to Ecology's Federal Permit Manager within two weeks of receiving it.
- Justification - This condition is needed to ensure that all the conditions of the WQC Order have been incorporated into the federal permit.
 - Citation - 40 CFR 121.10, 40 CFR 121.11, and Chapter 90.48 RCW.
11. To transfer this WQC Order to a new owner or operator the Project Proponent shall:

- a. Complete a Request for Transfer of Order with a specific transfer date of the WQC Order's obligations, coverage, and liability and submit it to Ecology per condition A.2. Link to form: <https://apps.ecology.wa.gov/publications/SummaryPages/ECY070695.html>;
- b. Provide a copy of this WQC Order to the new owner or operator; and
- c. The transfer is not considered valid until the Project Proponent receive written notification from Ecology that the transfer has been approved.
 - Justification – Ecology has independent state authority to ensure protection of state water quality. Ecology needs to ensure that anyone conducting work at the project, including any new owners or operators, are aware of and understand the required conditions of this WQC Order to ensure compliance with the water quality standards and other applicable state laws.
 - Citation – 40 CFR 121.5, Chapter 90.48 RCW, RCW 90.48.030, Chapter 173-201A WAC, and WAC 173-225-010.

B. Notification Requirements

1. The following notifications shall be made via phone or e-mail (e-mail is preferred) to Ecology's Federal Permit Manager via e-mail to fednotification@ecy.wa.gov and cc to Casey.Vaughn@ecy.wa.gov. Notifications shall be identified with WQC Order No.21789, Corps Reference No. NWS-2023-0344, and include the Project Proponent name, project name, project location, project contact and the phone number.
 - a. Immediately following a violation of state water quality standards or when the project is out of compliance with any conditions of this WQC Order;
 - b. At least ten (10) days prior to conducting initial in-water work activities; and
 - c. Within seven (7) days of completion of each in-water work activities.
 - Justification - Ecology has independent state authority to ensure protection of state water quality. Ecology must be aware of when a project starts and ends and whether there are any issues. This allows Ecology to evaluate compliance with the state water quality requirements.
 - Citation - Chapter 90.48 RCW, RCW 90.48.030, RCW 90.48.120, Chapter 173-201A WAC, WAC 173-201A-300 - 330, Chapter 173-204 WAC, and WAC 173-225-010.

2. In addition to the phone or e-mail notification required under B.1.a. above, the Project Proponent shall submit a detailed written report to Ecology within five (5) days that describes the nature of the event, corrective action taken and/or planned, steps to be taken to prevent a recurrence, results of any samples taken, and any other pertinent information.
 - Justification - Ecology has independent state authority to ensure protection of state water quality. This condition is intended to assure the Project Proponent remains in full compliance with state water quality requirements for the duration of the project.
 - Citation - Chapter 90.48 RCW, RCW 90.48.120, Chapter 173-201A WAC, and WAC 173-225-010.
3. If the project construction is not completed within 13 months of issuance of this WQC Order, the Project Proponent shall submit per Condition A2 a written construction status report and submit status reports every 12 months until construction is completed.
 - Justification - Ecology has independent state authority to ensure protection of state water quality. Ecology must be aware of when a project starts and ends and whether there are any issues. This allows Ecology to evaluate compliance with the state water quality requirements.
 - Citation - Chapter 90.48 RCW, RCW 90.48.030, RCW 90.48.120, Chapter 173-201A WAC, WAC 173-201A-300 - 330, Chapter 173-204 WAC, and WAC 173-225-010.

C. Timing

1. This WQC Order is effective upon issuance of the U.S. Corps of Engineers (Corps) permit for this project and will remain valid for the duration of the associated permit for the project.
 - Justification – Certifications are required for any license or permit that authorizes an activity that may result in a discharge or fill material into waters. This WQC Order is not valid until the Federal agency issues a permit. Additionally, Ecology needs to be able to specify how long the WQC Order will be in effect.
 - Citation – Chapter 90.48 RCW, Chapter 173-201A WAC, and WAC 173-225-010.

D. Water Quality Monitoring and Criteria

1. This WQC Order does not authorize the Project Proponent to exceed applicable water quality standards beyond the limits established in Chapter 173-201A WAC, except as authorized by this WQC Order.

- Justification - This condition ensures compliance with water quality standards to protect surface waters of the state. Ecology must protect waters of the state from all discharges and potential discharges of pollution that can affect water quality to protect aquatic life and beneficial uses.
 - Citation - Chapter 90.48 RCW, RCW 90.48.030, RCW 90.48.080, Chapter 173-201A WAC, WAC 173-201A-300 - 330, WAC 173-204-120, and WAC 173-225-010.
2. For in-water activities within fresh waters (including wetlands) turbidity shall not exceed 5 NTU over background when the background is 50 NTU or less; or a 10 percent increase in turbidity when the background turbidity is more than 50 NTU.
- Justification - Ecology must protect waters of the state from all discharges and potential discharges of pollution and prevent exceedances of the water quality standards that protect aquatic life and beneficial uses.
 - Citation - Chapter 90.48 RCW, RCW 90.48.030, RCW 90.48.080, Chapter 173-201A WAC, WAC 173-201A-300 - 330, WAC 173-204-120, and WAC 173-225-010.
3. This WQC Order does not authorize the Project Proponent to exceed applicable turbidity standards beyond the limits established in Chapter 173-201A WAC as set forth below, unless otherwise authorized in this WQC Order:
- a. Temporary area of mixing for turbidity established within the state water quality standards for fresh waters (WAC 173-201A-200) is as follows:
01. For waters up to 10 cfs flow at the time of construction, the point of compliance shall be one hundred feet downstream from the activity causing the turbidity exceedance.
 02. For waters above 10 cfs up to 100 cfs flow at the time of construction, the point of compliance shall be two hundred feet downstream of the activity causing the turbidity exceedance.
 03. For waters above 100 cfs flow at the time of construction, the point of compliance shall be three hundred feet downstream of the activity causing the turbidity exceedance.
 04. For projects working within or along lakes, ponds, wetlands, or other non-flowing waters, the point of compliance shall be at a radius of one hundred fifty feet from the activity causing the turbidity exceedance.

- Justification - Ecology must protect waters of the state from all discharges and potential discharges of pollution and prevent exceedances of the water quality standards that protect aquatic life and beneficial uses.
 - Citation - Chapter 90.48 RCW, RCW 90.48.030, RCW 90.48.080, Chapter 173-201A WAC, WAC 173-201A-300 - 330, WAC 173-204-120, and WAC 173-225-010.
4. The Project Proponent shall conduct water quality monitoring as described in the approved Water Quality Monitoring Plan, identified in Table 1 (hereafter referred to as the WQMP).
- Justification - Ecology must protect waters of the state from all discharges and potential discharges of pollution and prevent exceedances of the water quality standards that protect aquatic life and beneficial uses.
 - Citation - RCW 90.48, RCW 90.48.030, Chapter 173-201A WAC, 173-201A-300-330 and WAC 173-225-010.
5. If water quality exceedances for turbidity are observed outside the point of compliance, work shall cease immediately and the Project Proponent or the contractor shall assess the cause of the water quality problem and take immediate action to stop, contain, and correct the problem and prevent further water quality turbidity exceedances.
- Justification - Ecology must protect waters of the state from all discharges and potential discharges of pollution and prevent exceedances of the water quality standards that protect aquatic life and beneficial uses.
 - Citation - Chapter 90.48 RCW, RCW 90.48.030, RCW 90.48.080, Chapter 173-201A WAC, WAC 173-201A-300 - 330, WAC 173-204-120, and WAC 173-225-010.
6. Monitoring results shall be submitted monthly to Ecology's Federal Permit Manager, per condition A.2.
- Justification - Ecology must protect waters of the state from all discharges and potential discharges of pollution and prevent exceedances of the water quality standards that protect aquatic life and beneficial uses.
 - Citation - Chapter 90.48 RCW, RCW 90.48.030, RCW 90.48.080, Chapter 173-201A WAC, WAC 173-201A-300 - 330, WAC 173-204-120, and WAC 173-225-010.
7. Ecology may ask or could use its discretionary authority to require the Project Proponent to provide mitigation and/or additional monitoring if the monitoring results indicate that the water quality standards have not been met.

- Justification - Ecology must protect waters of the state from all discharges and potential discharges of pollution and ensure that aquatic life and beneficial uses are protected.
- Citation - RCW 90.48, RCW 90.48.010, RCW 90.48.030, RCW 90.48.080, RCW 90.48.120, Chapter 173-201A WAC, 173-201A-300-330 WAC, and Chapter 173-204 WAC.

E. Construction

General Conditions

1. All work in and near waters of the state shall be conducted to minimize turbidity, erosion, and other water quality impacts. Construction stormwater, sediment, and erosion control Best Management Practices (BMPs) suitable to prevent exceedances of state water quality standards shall be in place before starting maintenance and shall be maintained throughout the duration of the activity.
 - Justification - Disturbed areas without appropriate BMPs and construction methods can discharge excess sediment to waters of the state and degrade water quality. Ecology must protect waters of the state from all discharges and potential discharges of pollution that can affect water quality to protect aquatic life and beneficial uses.
 - Citation - Chapter 90.48 RCW, Chapter 90.48.030 RCW, Chapter 90.48.080 RCW, Chapter 173-201A WAC, Chapter 173-201A-300-330 WAC, Chapter 173-204-120 WAC, and Chapter 173-225-010 WAC.
2. All clearing limits, stockpiles, staging areas, and trees to be preserved shall clearly be marked prior to commencing construction activities and maintained until all work is completed for each project.
 - Justification -Ensures that the project proponent preserves sensitive areas from discharges and potential discharges of pollution that can affect water quality to protect aquatic life and beneficial uses.
 - Citation - Chapter 90.48 RCW, RCW 90.48.030, RCW 90.48.080, Chapter 173-201A WAC, WAC 173-201A-300 - 330, WAC 173-204-120, and WAC 173-225-010.
3. The Project Proponent shall obtain and comply with the conditions of the Construction Stormwater General Permit (National Pollutant Discharge Elimination System - NPDES) issued for this project.
 - Justification - Ecology must protect waters of the state from all discharges and potential discharges of pollution that can affect water quality to protect aquatic life and beneficial uses.

- Citation – Chapter 90.48 RCW, RCW 90.48.030, RCW 90.48.080, RCW 90.48.260, Chapter 173-201A WAC, WAC 173-201A-300 - 330, WAC 173-204-120, and WAC 173-225-010.
4. All equipment being used below the ordinary high-water mark shall utilize biodegradable hydraulic fluid.
- Justification - Ecology must protect waters of the state from all discharges and potential discharges of pollution that can affect water quality to protect aquatic life and beneficial uses.
 - Citation - Chapter 90.48 RCW, RCW 90.48.030, RCW 90.48.080, Chapter 173-201A WAC, WAC 173-201A-300 - 330, WAC 173-204-120, and WAC 173-225-010.
5. Work within waters of the state shall be conducted in the dry or during periods of low flow to the extent practicable.
- Justification - Ecology must protect waters of the state from all discharges and potential discharges of pollution that can affect water quality to protect aquatic life and beneficial uses.
 - Citation - Chapter 90.48 RCW, RCW 90.48.030, RCW 90.48.080, Chapter 173-201A WAC, WAC 173-201A-300-330, WAC 173-204-120, and WAC 173-225-010.
6. To minimize sediment releases, re-introduction of water into the isolated work area shall be done gradually, and at a rate not higher than the normal flow.
- Justification - Ecology must protect waters of the state from all discharges and potential discharges of pollution that can affect water quality to protect aquatic life and beneficial uses.
 - Citation - Chapter 90.48 RCW, RCW 90.48.030, RCW 90.48.080, Chapter 173-201A WAC, WAC 173-201A-300-330, WAC 173-204-120, and WAC 173-225-010.

Dewatering

7. The dewatering outfall or method of discharge shall be designed and operated so as not to cause erosion or scour in state waters, banks, or vegetation.
- Justification - Ecology must protect waters of the state from all discharges and potential discharges of pollution that can affect water quality to protect aquatic life and beneficial uses.
 - Citation - Chapter 90.48 RCW, RCW 90.48.030, RCW 90.48.080, Chapter 173-201A WAC, WAC 173-201A-300 - 330, WAC 173-204-120, and WAC 173-225-010.

8. All equipment associated with dewatering activities shall be properly operated and maintained.
 - Justification - Maintained equipment is less likely to fail or leak pollutants. Ecology must protect waters of the state from all discharges and potential discharges of pollution that can affect water quality to protect aquatic life and beneficial uses.
 - Citation - Chapter 90.48 RCW, RCW 90.48.030, RCW 90.48.080, Chapter 90.56 RCW, Chapter 173-201A WAC, WAC 173-201A-300 - 330, WAC 173-204-120, and WAC 173-225-010.

F. Reporting Requirements

1. After completing construction and planting of the restoration sites(s), the Project Proponent shall submit to Ecology (see A.2) an as-built report, including plan sheets, documenting site conditions at Year Zero. The as-built report must:
 - a. Be submitted within 90 days of completing construction and planting.
 - b. Include the information listed in Attachment B (Information Required for As-built Reports).
 - Justification - This condition is necessary to ensure the site was constructed and planted per the approved plans and serves as a baseline for monitoring.
 - Citation - 40 CFR 131.12, 40 CFR 230, subpart J, Chapter 47.85.040 RCW, Chapter 90.48 RCW, Chapter 90.54 RCW, Chapter 90.74 RCW, Chapter 173-201A WAC, WAC 173-201A-260 (3)(i-ii), WAC 173-201A-300 and WAC 173-225-010.

G. Emergency/Contingency Measures

1. The Project Proponent shall develop and implement a spill prevention and containment plan for all aspects of this project.
 - Justification - Ecology must ensure that the Project Proponent has a plan to prevent pollution from entering waterways. Ecology must protect waters of the state from all discharges and potential discharges of pollution that can affect water quality to protect aquatic life and beneficial uses.
 - Citation - Chapter 90.48 RCW, RCW 90.48.030, RCW 90.48.080, Chapter 90.56 RCW, Chapter 90.56.280 RCW, Chapter 173-201A WAC, WAC 173-201A-300 - 330, WAC 173-204-120, WAC 173-225-010, and WAC 173-303-145.

2. The Project Proponent shall have adequate and appropriate spill response and cleanup materials available on site to respond to any release of petroleum products or any other material into waters of the state.
 - Justification - Ecology must have assurance that the Project Proponent has the material readily available in WQC Order to address any spills that might occur to protect waters of the state. Ecology must protect waters of the state from all discharges and potential discharges of pollution that can affect water quality to protect aquatic life and beneficial uses.
 - Citation - Chapter 90.48 RCW, RCW 90.48.030, RCW 90.48.080, Chapter 90.56 RCW, RCW 90.56.280, Chapter 173-201A WAC, WAC 173-201A-300 - 330, WAC 173-204-120, WAC 173-225-010, and WAC 173-303-145.
3. Fuel hoses, oil drums, oil or fuel transfer valves and fittings, etc., shall be checked regularly for drips or leaks, and shall be maintained and stored properly to prevent spills into state waters.
 - Justification - Ecology must protect waters of the state from all discharges and potential discharges of pollution that can affect water quality to protect aquatic life and beneficial uses.
 - Citation - Chapter 90.48 RCW, RCW 90.48.030, RCW 90.48.080, Chapter 90.56 RCW, RCW 90.56.280, Chapter 173-201A WAC, WAC 173-201A-300 - 330, WAC 173-204-120, WAC 173-225-010, and WAC 173-303-145.
4. Work causing distressed or dying fish and discharges of oil, fuel, or chemicals into state waters or onto land with a potential for entry into state waters is prohibited. If such work, conditions, or discharges occur, the Project Proponent shall notify Ecology's Federal Permit Manager, per condition A2, and immediately take the following actions:
 - a. Cease operations at the location of the non-compliance.
 - b. Assess the cause of the water quality problem and take appropriate measures to correct the problem and prevent further environmental damage.
 - c. In the event of a discharge of oil, fuel, or chemicals into state waters, or onto land with a potential for entry into state waters, containment and cleanup efforts shall begin immediately and be completed as soon as possible, taking precedence over normal work. Cleanup shall include proper disposal of any spilled material and used cleanup materials.
 - d. Immediately notify Ecology's Regional Spill Response Office and the Washington State Department of Fish and Wildlife with the nature and details of the problem, any actions

taken to correct the problem, and any proposed changes in operation to prevent further problems.

- e. Immediately notify the National Response Center at 1-800-424-8802, for actual spills to water only.
 - Justification - This condition is necessary to prevent oil and hazardous materials spills from causing environmental damage and to ensure compliance with water quality requirements. The sooner a spill is reported, the quicker it can be addressed, resulting in less harm. Ecology must protect waters of the state from all discharges and potential discharges of pollution that can affect water quality to protect aquatic life and beneficial uses.
 - Citation - Chapter 90.48 RCW, RCW 90.48.030, RCW 90.48.080, Chapter 90.56 RCW, RCW 90.56.280, Chapter 173-201A WAC, WAC 173-201A-300 - 330, WAC 173-204-120, WAC 173-225-010, and WAC 173-303-145.
5. Notify Ecology's Regional Spill Response Office immediately if chemical containers (e.g. drums) are discovered on-site or any conditions present indicating disposal or burial of chemicals on-site that may impact surface water or ground water.
 - Justification - Oil and hazardous materials spills cause environmental damage. The sooner a spill is reported, the quicker it can be addressed, resulting in less harm. Ecology must protect waters of the state from all discharges and potential discharges of pollution that can affect water quality to protect aquatic life and beneficial uses.
 - Citation - Chapter 90.48 RCW, RCW 90.48.030, RCW 90.48.080, Chapter 90.56 RCW, RCW 90.56.280, Chapter 173-201A WAC, WAC 173-201A-300 - 330, WAC 173-204-120, WAC 173-225-010, and WAC 173-303-145.

Your right to appeal

You have a right to appeal this Order to the Pollution Control Hearings Board (PCHB) within 30 days of the date of receipt. The appeal process is governed by Chapter 43.21B RCW and Chapter 371-08 WAC. "Date of receipt" is defined in RCW 43.21B.001(2).

To appeal, you must do all of the following within 30 days of the date of receipt of this Order.

- File your notice of appeal and a copy of this Order with the PCHB (see filing information below). "Filing" means actual receipt by the PCHB during regular business hours as defined in WAC 371-08-305 and -335. "Notice of appeal" is defined in WAC 371-08-340.

- Serve a copy of your notice of appeal and this Order on the Department of Ecology mail, in person, or by email (see addresses below).

You must also comply with other applicable requirements in Chapter 43.21B RCW and Chapter 371-08 WAC

Filing an appeal

Filing with the PCHB

For the most current information regarding filing with the PCHB, visit: <https://eluh0.wa.gov/> or call: 360-664-9160.

Service on Ecology

Street Addresses:

Department of Ecology
Attn: Appeals Processing Desk
300 Desmond Drive SE
Lacey, WA 98503

Mailing Addresses:

Department of Ecology
Attn: Appeals Processing Desk
PO Box 47608
Olympia, WA 98504-7608

E-Mail Address:

ecologyappeals@ecy.wa.gov

Americans with Disabilities Act Information

Accommodation Requests

To request ADA accommodation including materials in a format for the visually impaired, call Ecology at 360-407-7668 or visit <https://ecology.wa.gov/accessibility>. People with impaired hearing may call Washington Relay Service at 711. People with speech disability may call TTY at 877-833-6341.

Contact Information

Please direct all questions about this WQC Order to:

Casey Vaughn

Department of Ecology
(564) 669-4201
Casey.Vaughn@ecy.wa.gov

More Information

- **Pollution Control Hearings Board Website**
<https://elaho.wa.gov>
- **Chapter 43.21B RCW - Environmental and Land Use Hearings Office – Pollution Control Hearings Board**
<http://app.leg.wa.gov/RCW/default.aspx?cite=43.21B>
- **Chapter 371-08 WAC – Practice and Procedure**
<http://app.leg.wa.gov/WAC/default.aspx?cite=371-08>
- **Chapter 34.05 RCW – Administrative Procedure Act**
<http://app.leg.wa.gov/RCW/default.aspx?cite=34.05>
- **Chapter 90.48 RCW – Water Pollution Control**
<http://app.leg.wa.gov/RCW/default.aspx?cite=90.48>
- **Chapter 173.204 WAC – Sediment Management Standards**
<http://apps.leg.wa.gov/WAC/default.aspx?cite=173-204>
- **Chapter 173-200 WAC – Water Quality Standards for Ground Waters of the State of Washington**
<http://apps.leg.wa.gov/WAC/default.aspx?cite=173-200>
- **Chapter 173-201A WAC – Water Quality Standards for Surface Waters of the State of Washington**
<http://apps.leg.wa.gov/WAC/default.aspx?cite=173-201A>

WQC Order No. 21789, Corps No. NWS-2023-0344

Aquatics ID No. 141599

November 8, 2023

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Signature

Dated this 8th day of November 2023 at the Department of Ecology, Lacey, Washington.



Brenden McFarland, Section Manager
Environmental Review & Transportation Section
Shorelands and Environmental Assistance Program

Attachment A

**Statement of Understanding
Water Quality Certification Conditions**

Indian Jack Slough Phase III Restoration

Water Quality Certification WQC Order No. 21789

As the Project Proponent for the Indian Jack Slough Phase III Restoration project, I have read and understand the conditions of Washington State Department of Ecology WQC Order No. 21789, and any permits, plans, documents, and approvals referenced in the WQC Order. I have and will continue to ensure that all project engineers, contractors, and other workers at the project site with authority to direct work have read and understand the conditions of this WQC Order and any permits, plans, documents, and approvals referenced in the WQC Order.

Signature

Date

Title

Phone

Company

Attachment B

Information Required for As-built Reports

Indian Jack Slough Phase III Restoration

Ecology Order No. 21789

And

Corps Reference No. NWS-2023-0344

Ecology requires the following information for as-built reports submitted under this Order. Ecology will accept additional information that may be required by other agencies.

Background Information

1. Project name.
2. Ecology Order number and the Corps reference number.
3. Name and contact information of the person preparing the as-built report. Also, if different from the person preparing the report, include the names of:
 - a. The Project Proponent
 - b. The landowner
 - c. Project engineers, contractors, and other workers on site during construction
4. Date the report was produced.

Project Information

5. Brief description of the **final** project with any changes from the approved plan made during construction. Include:
 - a. Important dates, including:
 01. Start of project construction.
 02. When work on the site began and ended.
 03. When different activities such as grading, removal of invasive plants, installing plants, and installing habitat features began and ended.

6. Description of any problems encountered and solutions implemented (with reasons for changes) during construction of the site.
7. List of any follow-up actions needed, with a schedule.
8. Vicinity map showing the geographic location of the site(s) with landmarks.
9. Site map(s), 8-1/2" x 11" or larger, showing the following:
 - a. Boundary of the site(s).
 - b. Topography (with a description of how elevations were determined).
 - c. Installed planting scheme (quantities, densities, sizes, and approximate locations of plants, as well as the source(s) of plant material).
 - d. Location of habitat features.
 - e. Location of permanent photo stations and any other photos taken.

Include the month and year when each map was produced or revised. The site map(s) should reflect on-the-ground conditions after the site work is completed.

10. Photographs taken at permanent photo stations and other photographs, as needed. Photos must be dated and clearly indicate the direction from which each photo was taken. Photo pans are recommended.