

STATE OF WASHINGTON DEPARTMENT OF ECOLOGY Southwest Region Office

PO Box 47775, Olympia, WA 98504-7775 • 360-407-6300

October 17, 2024

Lexington Flood Control Zone District of Cowlitz County ATTN: Susan Eugenis 1600 13th Avenue South Kelso, Washington 98626

Re: Amendment to 401 Water Quality Certification Order No. 15319 for U.S. Army Corps of Engineers Reference No. NWS-2012-880, South Fork McCorkle Creek Detention Structure Modifications, McCorkle Creek, Cowlitz County, Washington

Dear Susan Eugenis:

Enclosed is an amendment to Water Quality Certification Order No. 15319, issued on October 5, 2017 (first amendment on October 4, 2022), for the above project. We have also included a strikeout version of the Water Quality Certification that reflects the changes made. All other conditions of Water Quality Certification No. 15319 remain in effect.

The purpose of this amendment is to extend the effective date of Order No. 15319.

If you have any questions, please contact Lydia Albright at (360) 870-2983 or Lydia.Albright@ecy.wa.gov. The enclosed Amendment may be appealed by following the procedures described in the Amendment.

Sincerely,

Maria Saula

Maria Sandercock, Section Manager Southwest Regional Office Shorelands and Environmental Assistance Program

Enclosure (1)

By certified mail: 9489 0090 0027 6085 7505 77

Second Amendment to Order No. 15319 Aquatics No. 135394, Corps No. NWS-2012-880 October 17, 2024 Page 2 of 2

Sent via e-mail: eugeniss@co.cowlitz.wa.us

E-cc: Danette Guy, U.S. Army Corps of Engineers Richard Gushman, Gibbs & Olson, Inc. Mara McGrath, Ecological Land Services, Inc. Lacey Hoffman, Ecological Land Services, Inc. Lydia Albright, Ecology Erin Hanlon Brown, Ecology Dana Mock, Ecology Gus Ordonez, Ecology ecyrefedpermits@ecy.wa.gov

In The Matter of Granting a Water Quality Certification (WQC) to Lexington Flood Control Zone District of Cowlitz County pursuant to 33 U.S.C. 1341 (FWPCA § 401), RCW 90.48.120, RCW 90.48.260 and Chapter 173-201A WAC

Lexington Flood Control Zone District of Cowlitz County Attn: Susan Eugenis 1600 13th Avenue South Kelso, Washington 98626

WQC Order No.	15319, Second Amendment
Corps Reference No.	NWS-2012-880
Site Location	South Fork McCorkle Creek Detention Structure Modifications project located within McCorkle Creek, Cowlitz County, Washington.

On October 5, 2017, the Washington Department of Ecology (Ecology) issued a 401 Water Quality Certification to Lexington Flood Control Zone District of Cowlitz County for the above-referenced project pursuant to the provisions of 33 U.S.C. 1341 (FWPCA § 401). The first amendment to Order No. 15319 was issued on October 4, 2022.

Ecology received a request on September 12, 2024, to extend the effective date of Order No. 15319.

WQC Order No. 15319 dated October 5, 2017 (first amended on October 4, 2022) is hereby amended as follows:

I. Condition number C.1 which reads:

This Order will expire on December 31, 2024. Continuing this project beyond December 31, 2024, will require the Applicant to apply for an extension prior to expiration of this Order.

Is replaced with:

This Order will expire on May 15, 2028. Continuing this project beyond May 15, 2028 will require the Applicant to apply for an extension prior to expiration of this Order.

No other conditions or requirements of the above referenced Order are affected by this amendment.

Ecology retains continuing jurisdiction to make modifications hereto through supplemental order, if it appears necessary to further protect the public interest.

Second Amendment to WQC Order No. 15319 Aquatics No. 135394, Corps No. NWS-2012-880 October 17, 2024 Page 2 of 3

Failure to comply with this amended Order may result in the issuance of civil penalties or other actions whether administrative or judicial, to enforce the terms of this amended Order.

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 options 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://eluho.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 Second Amendment to WQC Order No. 15319 Aquatics No. 135394, Corps No. NWS-2012-880 October 17, 2024 Page 3 of 3

E-Mail Address:

ecologyappeals@ecy.wa.gov

Contact Information

Please direct all questions about this Order to:

Lydia Albright Department of Ecology (360) 380-2983 Lydia.Albright@ecy.wa.gov

More Information

- Pollution Control Hearings Board Website <u>https://eluho.wa.gov</u>
- Chapter 43.21B RCW Environmental and Land Use Hearings Office Pollution Control Hearings Board <u>http://app.leg.wa.gov/RCW/default.aspx?cite=43.21B</u>
- 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

Signature

Dated this 17th day of October 2024, at the Department of Ecology, Lacey, Washington.

Mana Soula

Maria Sandercock, Section Manager Southwest Regional Office Shorelands and Environmental Assistance Program This document shows the activities and conditions that have been amended since the original Order was issued. Therefore, it is not the official certification and should be used for information purposes only.

First Amendment changes are reflected in RED Second Amendment changes are reflected in BLUE

IN THE MATTER OF GRANTING AWATER QUALITYCERTIFICATION TOLexington Flood Control Zone District ofCowlitz County, Washington,in accordance with 33 U.S.C. 1341(FWPCA 401), RCW 90.48.120, RCW90.48.260, and Chapter 173-201A WAC

ORDER No. 15319 – First Amendment, Second Amendment Corps Reference No. NWS-2012-880 South Fork McCorkle Creek Detention Structure Modifications, McCorkle Creek, Cowlitz County, Washington

TO: Lexington Flood Control Zone District of Cowlitz County ATTN: Ms. Susan Eugenis 1600 13th Avenue South Kelso, Washington 98626

On October 24, 2016, the Lexington Flood Control Zone District of Cowlitz County submitted a Joint Aquatic Resource Permit Application (JARPA) to the Department of Ecology (Ecology) requesting a §401 Water Quality Certification.

A joint public notice regarding the request was distributed by the U.S. Army Corps of Engineers (Corps) for the above-referenced project pursuant to the provisions Chapter 173-225 WAC on October 18, 2016.

The project proposes to increase the crest height of the embankment of the existing South Fork McCorkle Creek detention structure from 20 feet to 35 feet within the 7.58-acre project area. A new spillway (with affiliated intake and outfall facilities) will be constructed to convey South Fork McCorkle Creek base flows.

To enlarge the detention structure, the existing embankment will remain, and new material will be placed on the downstream slope to widen its base width and raise the crest elevation by 15 feet. The existing overflow spillway and associated 36-inch low-level outlet piping will be removed and replaced with a new overflow spillway and a 48-inch to 60-inch low-level, high-density polyethylene (HDPE) outlet pipe. Energy dissipaters will be incorporated into the final design for both the outlet pipe downstream flow-control structure and the overflow spillway. The new embankment crest will be 15 feet wide and will be located approximately 75 feet downstream from the existing crest

The project will be constructed in two phases. Phase 1 will consist of placing and compacting imported fill material to widen and raise the majority of the structure south of the creek channel. Phase 2 consists of constructing the embankment to its final configuration; demolishing the existing spillway and outlet pipe; and constructing the new spillway, outlet pipe, and associated structures.

Order No. **15319 – October 5, 2017** *First Amendment – October 4, 2022 Second Amendment – October 17, 2024 Corps No. NWS-2012-880 October 5, 2017 Page 2 of 10*

Modifications to the detention structure will result in placement of fill in approximately 120 linear feet of the South Fork McCorkle Creek channel downstream of the existing detention structure. Approximately 0.17 acre of steam riparian habitat buffer will also be impacted.

Proposed permanent stream and buffer impacts will be mitigated by restoring the segment of the South Fork McCorkle Creek immediately upstream of the detention structure to its natural channel, installing woody material, and replanting the riparian buffer with native vegetation.

The new detention structure footprint will permanently impact 0.42 acre of the southern section of the existing Aloha Park #7 (AP) Mitigation Site, a Category III depressional wetland, as well as impacting 0.07 acre of Category IV wetlands outside of the AP Mitigation Site. Temporary impacts will also affect 0.16 acre of a Category III wetlands outside of the AP Mitigation Site.

Temporarily impacted wetland area will be restored to pre-construction contours and will be replanted with native wetland vegetation. Mitigation to compensate for all permanent wetland impacts will be through the purchase of 0.82 credit at the Coweeman Wetland Mitigation Bank.

The overall purpose of the proposed project is to provide improved flood protection for downstream homes and infrastructure within the lower McCorkle Creek drainage basin. This proposal is designed to have the capacity to impound a 100-year, 24-hour design storm event.

The project is located approximately 500 feet west of the west end of Sparks Drive, Kelso, Cowlitz County, Washington; SW and SE quarters of Section 10, Township 8 North, Range 2 West and NW and NE quarters of Section 15, Township 8 North, Range 2 West; WRIA 26, Cowlitz Watershed.

AUTHORITIES:

In exercising authority under 33 U.S.C. § 1341, RCW 90.48.120, and RCW 90.48.260, Ecology has examined this application 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 (FWPCA §301, 302, 303, 306 and 307);
- 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.

Order No. **15319 – October 5, 2017** *First Amendment – October 4, 2022 Second Amendment – October 17, 2024 Corps No. NWS-2012-880 October 5, 2017 Page 3 of 10*

WATER QUALITY CERTIFICATION CONDITIONS:

Through issuance of this Order, Ecology certifies that it has reasonable assurance that the activity as proposed and conditioned will be conducted in a manner that will not violate applicable water quality standards and other appropriate requirements of state law. In view of the foregoing and in accordance with 33 U.S.C. §1341, RCW 90.48.120, RCW 90.48.260, Chapter 173-200 WAC, and Chapter 173-201A WAC, water quality certification is granted to the Applicant subject to the conditions within this Order.

Certification of this proposal does not authorize the Applicant to exceed applicable state water quality standards (Chapter 173-201A WAC), ground water standards (Chapter 173-200 WAC), or sediment quality standards (Chapter 173-204 WAC). Furthermore, nothing in this certification shall absolve the Applicant from liability for contamination and any subsequent cleanup of surface waters, ground waters, or sediments occurring as a result of project construction or operations.

A. General Conditions:

- 1. For purposes of this Order, the term "Applicant" shall mean the Lexington Flood Control Zone District of Cowlitz County and its agents, assignees, and contractors.
- For purposes of this Order, all submittals required by its conditions shall be sent to Ecology's Southwest Regional Office, Attn: Federal Permit Manager, SEA Program, PO Box 47775, Olympia, WA 98504-7775 or by e-mail (preferred) to <u>fedenotification@ecy.wa.gov</u> with a copy to <u>Lori.kingsbury@ecy.wa.gov</u>. Any submittals shall reference Order No. **15319** and Corps Reference No. **NWS-2012-880**.
- 3. Work authorized by this Order is limited to the work described in the JARPA received by Ecology on October 24, 2016. The Applicant will be out of compliance with this Order and must submit an updated JARPA if the information contained in the JARPA is voided by subsequent changes to the project not authorized by this Order.
- 4. Within 30 days of receipt of an updated JARPA, Ecology will determine whether the revised project requires a new water quality certification and public notice or if a modification to this Order is required.
- 5. This Order shall be rescinded if the U.S. Army Corps of Engineers does not issue a permit for this project.
- 6. Copies of this Order shall be kept 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.
- 7. The Applicant shall provide access to the project site and all mitigation sites upon request by Ecology personnel for site inspections, monitoring, necessary data collection, and/or to ensure that conditions of this Order are being met.

Order No. 15319 – October 5, 2017 First Amendment – October 4, 2022 Second Amendment – October 17, 2024 Corps No. NWS-2012-880 October 5, 2017 Page 4 of 10

- 8. Nothing in this Order waives Ecology's authority to issue additional orders if Ecology determines that further actions are necessary to implement the water quality laws of the state. Furthermore, Ecology retains continuing jurisdiction to make modifications hereto through supplemental order, if additional impacts due to project construction or operation are identified or if additional conditions are necessary to further protect water quality.
- 9. The applicant shall ensure that all appropriate project engineers and contractors at the project site have read and understand relevant conditions of this Order and all permits, approvals, and documents referenced in this Order. The Applicant shall provide Ecology a signed statement (see Attachment A for an example) from each project engineer and contractor that they have read and understand the conditions of this Order and the above-referenced permits, plans, documents, and approvals. These statements shall be provided to Ecology before construction begins at the project.
- 10. This 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 Order.
- 11. Failure of any person or entity to comply with this Order may result in the issuance of civil penalties or other actions, whether administrative or judicial, to enforce its terms.

B. Water Quality Conditions:

- 1. This Order does not authorize temporary exceedances of water quality standards beyond the limits established in WAC 173-201A-200(1)(e)(i) and WAC 173-201A-200(1)(g).
- 2. The Applicant shall conduct water quality monitoring as described in the approved *Water Quality Monitoring Plan for South Fork McCorkle Creek Detentions Structure Modifications, Lexington Flood Control Zone District, Cowlitz County, Washington,* prepared by Ecological Land Services, Inc., dated September 18, 2017.
- 3. Ecology's Federal Permit Manager must approve, in writing, any changes to the approved WQMP prior to implementing the changes.
- 4. Results of the water quality monitoring shall be documented in the proposed data sheet and submitted weekly to Ecology's Federal Permit Manager during the identified in-water work activities per Condition A.2 of this Order.
- 5. If water quality exceedances are detected outside of the point of compliance, work shall cease immediately, and the Applicant 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 exceedances. If an exceedance occurs, the Applicant shall follow the notification procedures outlined below.
- 6. Notification of exceedances that are detected through water quality sampling shall be made to Ecology within 24 hours of occurrence. Notification shall be made with reference to Order No. 15319, Attn: Federal Permit Manager, by telephone at

Order No. **15319 – October 5, 2017** *First Amendment – October 4, 2022 Second Amendment – October 17, 2024 Corps No. NWS-2012-880 October 5, 2017 Page 5 of 10*

(360) 407-6926, or by e-mail at <u>lori.kingsbury@ecy.wa.gov</u>. The Applicant shall, at a minimum, provide Ecology with the following information:

- a. A description of the nature, extent, and cause of the exceedance.
- b. The period of non-compliance, including exact dates, duration, and times and/or the anticipated time when the project will return to compliance.
- c. The steps taken, or to be taken, to reduce, eliminate, and prevent recurrence of the non-compliance.
- d. In addition, within five (5) days after notification of an exceedance, the Applicant shall submit a written report to Ecology that describes the nature of the exceedance, water quality monitoring results and location, photographs, and any other pertinent information.
- 7. Mitigation and/or additional monitoring may be required if water quality standards are not met.

C. Timing:

- This Order shall remain in effect for a period of five (5) years from the date of issuance. This Order will expire on December 31, 2024 This Order will expire on May 15, 2028. Continuing this project beyond the five-year term of this Order December 31, 2024 May 15, 2028 will require the Applicant to apply for an extension prior to expiration of this Order.
- 2. All in-water work shall be completed within the following work windows:
 - July 15 through September 30th of any year

Should any work need to be conducted outside of the above work window, the Applicant shall submit a request for an extended work window to Ecology and the other applicable agencies for approval.

D. Notification Requirements:

- 1. The Applicant shall provide a copy of the final Corps permit to Ecology's Southwest Regional Office Federal Permit Manager (in accordance with Condition A.2 above) within two weeks of receipt of the permit.
- 2. Written notification (e-mail is preferred) shall be made to Ecology's Southwest Regional Office Federal Permit Manager, per Condition A.2 above, for the following activities:
 - a. At least ten (10) days prior to the start of construction for each construction season.
 - b. Within ten (10) days after the completion of project construction.
- 3. If project construction is not completed within thirteen (13) months of issuance of this Order, the Applicant shall submit a written construction status report. Status reports shall be submitted every twelve (12) months thereafter until project construction is complete.

Order No. **15319 – October 5, 2017** *First Amendment – October 4, 2022 Second Amendment – October 17, 2024 Corps No. NWS-2012-880 October 5, 2017 Page 6 of 10*

E. Wetland Compensatory Mitigation Conditions:

- 1. The Applicant shall mitigate wetland impacts as described in the *Revised Bank Use Plan* for Aloha Park #7 Mitigation Site Permit Modification, Lexington Flood Control Zone District and the Revised Bank Use Plan for South Fork McCorkle Creek Detention Structure Modifications, Lexington Flood Control Zone District, Cowlitz County, prepared by Ecological Land Services, Inc., dated March 10, 2017, or as revised and approved by Ecology.
- 2. Prior to impacting wetlands, the Applicant shall submit to Ecology documentation from the bank sponsor verifying the purchase of 0.76 credits from the Coweeman Wetland Mitigation Bank for impacts to the Aloha Park Wetland Mitigation Site and the purchase 0.0.06 Credits for remaining wetland impacts for a total of 0.82 credits. This documentation must include the permit number, permit issuance date, impact acreage, the amount of credit required by the permit, and date of credit purchase.
- 3. The Applicant shall notify Ecology (per Condition A.2. above) of any changes to the amount of wetland impacts, or revisions to the mitigation plan.
- 4. The Applicant shall complete the purchase of credit before the impacts to wetlands occur, or Ecology may require additional compensation to account for temporal loss of wetland functions.
- 5. If the credit is not purchased within 13 months of the date of this Order, the Applicant shall inform Ecology, in writing, of the status of:
 - a. South Fork McCorkle Creek Detention Structure Modifications and
 - b. When bank credits will be purchased

With the:

- c. Reason for the delay and
- d. Expected date of completion.

The Applicant shall submit an updated written notification every 12 months thereafter until the South Fork McCorkle Creek detention structure modifications are complete and the required credit is purchased.

F. Stream Mitigation Conditions:

- 1. The Applicant shall mitigate stream and riparian impacts as described in the *Conceptual Stream Mitigation Plan for South Fork McCorkle Creek Detention Structure Modifications, Lexington Flood Control Zone District, Cowlitz County*, Washington prepared by Ecological Land Services, Inc., dated November 11, 2015.
- 2. If revisions are made to the Stream Mitigation Plan, the revised Plan shall be submitted to Ecology per Condition A.2. above.

Order No. **15319 – October 5, 2017** *First Amendment – October 4, 2022 Second Amendment – October 17, 2024 Corps No. NWS-2012-880 October 5, 2017 Page 7 of 10*

G. Construction Conditions:

General Construction

- 1. The Applicant shall obtain and comply with the conditions of the current (National Pollutant Discharge Elimination System–NPDES) Construction Stormwater General Permit.
- 2. All work in and near the water shall be done so as to minimize turbidity, erosion, and other water quality impacts.
- 3. 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 clearing, filling, or grading work and shall be maintained throughout construction.
- 4. The project shall be clearly marked/staked prior to construction. Clearing limits, travel corridors, and stockpile sites shall be clearly marked. Sensitive areas and their buffers that are to be protected from disturbance shall be marked so as to be clearly visible to equipment operators. All project staff shall be trained to recognize construction fencing or flagging that identifies sensitive area boundaries. Equipment shall enter and operate within the marked clearing limits corridors and stockpile areas.
- 5. Appropriate BMPs shall be implemented to minimize track-out during construction.
- 6. Staging and stockpile areas shall be located a minimum of 50 feet from waters of the state, including wetlands. If a staging and/or stockpile area must be located within 50 feet of waters of the state, then the Applicant shall provide a written explanation (with additional BMPs) and obtain written approval from the Ecology Federal Permit Manager before placing the staging/stockpile location within the setback area.
- 7. The Applicant shall ensure that any fill material placed for the proposed project does not contain toxic materials in toxic amounts.
- 8. All construction debris, waste material, excess sediment, rock, concrete, and other solid waste shall be properly managed and disposed of in an upland disposal site approved by the appropriate regulatory authority.
- 9. No petroleum products, fresh concrete, grout, lime, chemicals, or other toxic or deleterious materials shall be allowed to enter waters of the state.
- 10. All equipment operating within and directly over waters of the state shall utilize vegetable-based biodegradable hydraulic fluid.
 - 11. All construction equipment shall be clean and inspected daily before use to ensure that the equipment is free from external petroleum products and has no fluid leaks.
 - 12. Accumulation of soils or debris shall be removed from the drive mechanisms (wheels, tires, tracks, etc.) and undercarriage of equipment prior to its working below the ordinary high water mark (OHWM).

Order No. **15319 – October 5, 2017** *First Amendment – October 4, 2022 Second Amendment – October 17, 2024 Corps No. NWS-2012-880 October 5, 2017 Page 8 of 10*

- 13. The Applicant shall establish a separate contained area for washing down vehicles and equipment that does not have any possibility of draining to surface waters and/or wetlands. No wash water containing sediments, oil, grease, or other hazardous materials resulting from wash down of the work area, tools, and equipment, including concrete delivery trucks or other equipment used for concrete work, shall be discharged into state waters or storm drains.
- 14. Machinery and equipment used during project construction shall be serviced, fueled, and maintained in a confined upland area in order to prevent entry to waters of the state. Fueling areas shall be located a minimum of 50 feet, and where practical, 100 feet, from waters of the state, including wetlands, and shall be provided with adequate spill containment.
- 15. Temporarily disturbed areas shall be replanted with native species.
- 16. If a temporary cofferdam is needed to divert water around the outlet pipe construction areas, the cofferdam shall be in place prior to initiation of that work.
- 17. The temporary diversion shall be of sufficient size and height, constructed of non-erosive materials, and installed to be able to divert the entire flow around the isolated work area with no chance of water overtopping the structure for the duration of the project.
- 18. The diversion system shall be designed and operated so as not to cause scour or erosion in the channel or on the bank of the waterbody in which the work is being conducted.
- 19. Prior to returning water flow to the work area, all bank protection measures shall be in place.
- 20. Re-introduction of water into the isolated work area shall be done gradually, and at a rate not higher than the normal flow, in order to minimize the mobilization of sediments and fines.
- 21. Upon completion of the project, all material used for the temporary diversion shall be removed from the site.
- 22. Turbid dewatering water shall not be discharged directly into waters of the state. Turbid water shall be pumped to an upland area to allow the turbid water to settle. The discharge from the upland areas shall meet water quality criteria at the point of discharge into surface waters.
- 23. Dewatering water that is not turbid may be discharged directly to surface waters and/or wetland provided that: a) waste water containing raw concrete or other harmful material has not been in contact with the water to be discharged, and b) the water will meet all of the water quality standards at the point of discharge.
- 24. The discharge outfall method shall be designed and operated so as not to cause erosion or scour in the stream channel, along the banks, or in the vegetated areas.

Order No. **15319 – October 5, 2017** *First Amendment – October 4, 2022 Second Amendment – October 17, 2024 Corps No. NWS-2012-880 October 5, 2017 Page 9 of 10*

- 25. If cast in place, wet concrete/grout shall be prevented from entering waters of the state. Uncured concrete and concrete by-products shall be completely sealed off and totally contained using sealed forms or other leak-proof containment systems.
- 26. Spill protection measures shall be in place prior to any concrete delivery over and/or near waters of the state.
- 27. Concrete delivery systems shall be inspected daily to prevent any discharges of concrete and/or slurry water into waters of the state.
- 28. All concrete shall be poured in the dry, or within confined waters not being dewatered, and shall be completely cured prior to coming into contact with waters of the state.
- 29. Concrete process water shall not enter waters of the state. Any concrete process/contact water discharged from a confined area shall be routed to a contained area to be treated and disposed of appropriately with no possible entry to waters of the state.
- 30. All concrete, cement, and/or grout must be completely cured prior to any contact with surface waters.

H. Emergency/Contingency Measures:

- 1. The Applicant shall develop and implement a Spill Prevention Control and Countermeasures (SPCC) Plan for all aspects of this project and shall have spill cleanup materials and an emergency call list available on site.
- 2. Any work that is out of compliance with the provisions of this Order, or conditions causing distressed or dying fish, or any discharge of oil, fuel, or chemicals into state waters or onto land with a potential for entry into state waters, <u>is prohibited</u>. If such work, conditions, or discharges occur, the Applicant or operator shall immediately take the following actions:
 - a. Cease operations that are causing the compliance problem.
 - b. Assess the cause of the water quality problem and take appropriate measures to correct the problem and/or prevent further environmental damage.
 - c. In the event of finding distressed or dying fish, the applicant shall collect fish specimens and water samples in the affected area within the first hour of the event. These samples shall be held in refrigeration or on ice until the applicant is instructed by Ecology on what to do with them. Ecology may require analyses of these samples before allowing the work to resume.
 - d. In the event of a discharge of oil, fuel, or other 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.

Order No. **15319 – October 5, 2017** *First Amendment – October 4, 2022 Second Amendment – October 17, 2024 Corps No. NWS-2012-880 October 5, 2017 Page 10 of 10*

- e. Immediately notify Ecology's 24-hour Spill Response Team at 360-407-6300 **and** within 24-hours of the event, notify Ecology's Federal Permit Manager at 360-407-6926.
- f. Submit a detailed written report to Ecology's Federal Permit Manager within five (5) days of the event 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.
- 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, including wetlands.
- 4. If at any time during work the Applicant or its contractor finds buried chemical containers, such as drums, or any unusual conditions indicating disposal of chemicals, the Applicant or its contractor shall immediately notify Ecology using the phone numbers listed above.