

2021 – NPDES Construction Stormwater General Permit (CSWGP) (Transfer of Coverage Projects)

CTS ID	Permit Source Reference	Commitment Language / Commitment Tracking System	Construction Activity	Responsibility	Existing Method of Implementation	Notes
NPDES-1	S1.C.2 Stormwater Associated with Construction Support Activity	The Contractor must modify their TESC Plan to match their schedule, method of construction, and to include all areas that will be used to directly support construction activity such as equipment staging yards, material storage areas, or borrow areas to ensure the CSWGP requirements are being met.	TESC Plan	Contractor (Lead)	SS 1-02.4(1), SS 1-07.15(1), SS 8-01.3(1)A	None
NPDES-2	S1.D (1) through (4) Prohibited Discharges	The Contractor shall not discharge cementitious wastewater/concrete wastewater, or wastewater generated on-site as a byproduct of a construction process to surface waters of the State. Some sources of process wastewater may be infiltrated in accordance with the CSWGP, or may be disposed via independent disposal and treatment alternatives in compliance with the applicable WACs and permits.	Shaft Drilling	Contractor (lead)	SS 1-02.4(1), SS 1-07.5(3), SS 1-07.15(1), SS 6-19.3(4)F, SS 8-01.1, SS 8-01.1(1), SS 8-01.3(1)C2, SS 8-01.3(1)C3	None
NPDES-3	S1.C.3 - Non-Stormwater Discharges	The Contractor shall ensure discharges from potable water (including water line flushing), fire hydrant pH adjustment in accordance with the CSWGP.	Sampling Requirements	Contractor (lead) WSDOT (contract enforcement)	SS 1-02.4(1), SS 8-01.1	None
NPDES-4	S1.D (5) and (6) Prohibited Discharges	The Contractor shall not discharge petroleum products, chemicals, paint, soaps and solvents to waters of the State, including groundwater and wetlands in accordance with WSDOT Standard Specification 1-07.5(3) and the CSWGP Special Condition S1.D.	Spill Prevention	Contractor (lead) WSDOT (contract enforcement)	SS 1-02.4(1), SS1-07.5(3)	None
NPDES-5	S2.A.1 Permit Application Forms General Condition 20. Reporting Planned Changes	The Contractor shall notify Washington State Department of Ecology (Ecology) if intending to use “demonstrably equivalent” BMPs at least 60 days before intended use. The Contractor shall notify Ecology regarding any planned changes to the information provided on the NOI by submitting a CSWGP Modification/Update form. Depending on the nature of the change, a new NOI and public notice may be required.	Erosion Control, Grading and Soil Work, Notifications	Contractor (lead) WSDOT (contract enforcement)	SS 1-02.4(1), SS 8-01.1	None
NPDES-6	S1.D (7) through (8) Prohibited Discharges S9.D.9 Control Pollutants S9.D.10 Control Dewatering	The Contractor shall not discharge sediment-laden water (such as turbid wheel wash wastewater and trench water) to waters of the State, including groundwater and wetlands, in accordance with WSDOT Standard Specification 1-07.5(3) unless managed according to the CSWGP Special Condition S9.D.9 and S9.D.10.	De-watering Work, Spill Prevention	Contractor (lead) WSDOT (contract enforcement)	SS 1-02.4(1), SS 1-07.5(3), SS 8-01.3(1)C, SS 8-01.3(1)C1	None
NPDES-7	S3.B Compliance with Standards	Prior to the discharge of stormwater and authorized non-stormwater to waters of the State, the Contractor shall apply all known, available, and reasonable methods of prevention, control, and treatment (AKART). This includes the preparation and implementation of an adequate Stormwater Pollution Prevention Plan (SWPPP) with all appropriate best management practices (BMPs) installed and maintained in accordance with the SWPPP and the terms and conditions of the CSWGP. It is WSDOT standard practice to develop TESC and SPCC Plans to meet Ecology's SWPPP requirements - combined, these plans are deemed equivalent to the SWPPP.	Erosion Control, Spill Prevention, TESC Plan	Contractor (lead) WSDOT (contract enforcement)	SS 1-02.4(1), SS 1-07.15(1), SS 8-01, SS 8-01.3, SS 8-01.3(1)A1	None
NPDES-8	S3.A Compliance with Standards	The Contractor shall ensure discharges do not cause or contribute to a violation of surface water quality standards (Chapter 173-201A WAC), ground water quality standards (Chapter 173-200 WAC), sediment management standards (Chapter 173-204 WAC), and human health based criteria in the National Toxics Rule (40 CFR Part 131.36)	Erosion Control Sampling Requirements	Contractor (lead) WSDOT (contract enforcement)	SS 1-07.5(1), SS 1-07.5(3), SS 1-07.15(1), SS 8-01, SS 8-01.3(1)A1	None

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NPDES-9	S3.D Compliance with Standards	The Contractor shall ensure that discharges to ground water comply with the CSWGP Special Condition S3.D. If the Contractor plans on discharging to groundwater through an injection well, they must comply with applicable requirements of the Underground Injection Control (UIC) regulations, Chapter 173-218 WAC.	Erosion Control	Contractor (lead) WSDOT (contract enforcement)	SS 1-02.4(1) SS 1-07.1, SS 1-07.5, SS 1-07.5(3), SS 8-01.3(1)	None
NPDES-10	S4.A Monitoring Requirements, Benchmarks and Reporting Triggers	The Contractor must establish and maintain a site log book for the duration of the project. The site log book is a field record of the TESC implementation and other permit requirements, including BMP installation and maintenance, site inspections, and stormwater monitoring. The Contractor shall include a copy of the current CESCL card in the site log book for any Contractor staff responsible for performing site inspections and for collecting discharge samples in accordance with the permit. As a part of the site log book, the Contractor shall develop and maintain a tracking table to show that identified TESC compliance issues are fully resolved within 10 calendar days. The table shall include the date an issue was identified, a description of how it was resolved, and the date the issue was fully resolved.	Erosion Control, Monitoring Requirements, Record Keeping	Contractor (lead) WSDOT (contract enforcement)	SS 8-01.3(1)B, CM 1.05.1	None
NPDES-11	S4.B.1 Monitoring Requirements, Benchmarks and Reporting Triggers	The Contractor's site inspections shall include all areas disturbed by construction activities, all BMPs, and all discharge points. The Contractor shall visually examine stormwater for the presence of suspended sediment, turbidity, discoloration, and oil sheen. The Contractor's CESCL/ ESC Lead shall evaluate the effectiveness of BMPs and determine if it is necessary to install, maintain, or repair BMPs to improve the quality of stormwater discharges. Based on the results of the inspection, the Contractor shall correct the problems identified as follows: (a) Review the SWPPP (TESC Plan) for compliance with Condition S9 and make appropriate revisions within 7 days of the inspection; (b) Fully implement and maintain appropriate source control and/or treatment BMPs as soon as possible, but no later than within 10 days of the inspection; (c) Document BMP implementation and maintenance in the site log book.	Inspections, Monitoring Requirements	Contractor (lead) WSDOT (contract enforcement)	SS 8-01.3(1)B	None
NPDES-12	S4.B.2 Monitoring Requirements, Benchmarks and Reporting Triggers	The Contractor's ESC Lead/CESCL shall inspect all discharge points at least once every calendar week and within 24 hours of any discharge from the site, as required by the CSWGP.	Inspections	Contractor (lead) WSDOT (contract enforcement)	SS 8-01.3(1)B, WSDOT TESC Manual 4.1	None
NPDES-13	S4.B.3 Monitoring Requirements, Benchmarks and Reporting Triggers	The Contractor shall have a CESCL/ESC Lead to: a. Assess the site conditions and construction activities that could impact the quality of stormwater, and b. Assess the effectiveness of erosion and sediment control measures used to control the quality of stormwater discharges.	Inspections	Contractor (lead) WSDOT (contract enforcement)	SS 8-01.3(1)B	None
NPDES-14	S4.B.4 Monitoring Requirements, Benchmarks and Reporting Triggers	Construction sites 1 acre or larger that discharge stormwater to surface waters of the State, shall have site inspections conducted by a Certified Erosion and Sediment Control Lead (CESCL). The Contractor shall identify a CESCL in the TESC Plan who will be present onsite or on-call at all times. Certification shall be obtained through an approved erosion and sediment control training program that meets the minimum training standards established by Ecology (refer to BMP C160 in the Stormwater Management Manual for Western Washington or Eastern Washington).	Inspections	Contractor (lead) WSDOT (contract enforcement)	SS 8-01.3(1)B	None

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NPDES-15	S4.B.5 (parts a through i)	<p>The Contractor's inspector shall summarize the results of each inspection using Ecology's Erosion and Sediment Control Site Inspection Form and maintain a tracking table to show that identified TESC compliance issues are fully resolved within 10 calendar days. At a minimum, each inspection report or checklist shall include:</p> <ul style="list-style-type: none"> a. Inspection date and time. b. Weather information; general conditions during inspection and approximate amount of precipitation since the last inspection, and precipitation within the last 24 hours. c. A summary or list of all BMPs which have been implemented, including observations of all erosion/sediment control structures or practices. d. The following shall be noted: i. locations of BMPs inspected, ii. Locations of BMPs that need maintenance and why, iii. Locations of BMPs that failed to operate as designed or intended, and iv. locations where additional or different BMPs are needed, and why. e. A description of stormwater discharged from the site. The inspector must note the presence of suspended sediment, turbidity, discoloration, and oil sheen, as applicable. f. Any water quality monitoring performed during inspection. g. General comments and notes, including a brief description of any BMP repairs, maintenance or installations made as a result of the inspection. h. A statement that, in the judgment of the person conducting the site inspection, the site is either in compliance or out of compliance with the terms and conditions of the SWPPP and the permit. If the site inspection indicates that the site is out of compliance, the inspection report shall include a summary of the remedial actions required to bring the site back into compliance, as well as a schedule of implementation. i. The name, title, signature of the person conducting the site inspection, phone number or other reliable method to reach this person, and the following statement: "I certify that this report is true, accurate and complete, to the best of my knowledge and belief." 	Erosion Control, Inspections, Monitoring Requirements, Record Keeping	Contractor (lead) WSDOT (contract enforcement)	SS 8-01.3(1)A, SS 8-01.3(1)B	None
NPDES-16	S4.C.1 Monitoring Requirements, Benchmarks and Reporting Triggers	The Contractor shall conduct turbidity sampling in accordance with the WSDOT's Temporary Erosion and Sediment Control Manual (TESCM) 4.1.3 or Ecology's Stormwater Management Manual S4.C.	Sampling Requirements	Contractor (lead) WSDOT (contract enforcement)	SS 1-02.4(1), SS 8-01.3(1)A1, SS 8-01.3(1)C	None
NPDES-17	S4.C.2 Sampling Frequency	<p>Sampling Frequency</p> <ul style="list-style-type: none"> a. Sampling shall be conducted by the Contractor at least once every calendar week when stormwater or authorized non-stormwater discharges from the site or enters any onsite surface waters of the state; sampling is not required on sites that disturb less than an acre. b. Samples shall be representative of the flow and characteristics of the discharge. c. When there is no discharge during a calendar week, sampling is not required. d. Sampling is not required outside of normal working hours or during unsafe conditions. e. If the Contractor is unable to sample during a monitoring period, the Discharge Monitoring Report (DMR) shall include a brief explanation. f. Sampling is not required before construction activity begins. g. The Contractor may reduce the sampling frequency for temporarily stabilized, inactive sites to once every calendar month. 	Sampling Requirements, TESC Plan	Contractor (lead) WSDOT (contract enforcement)	SS 1-02.4(1), SS 8-01.3(1), SS 8-01.3(1)A1, SS 8-01.3(1)B, SS 8-01.3(1)C	None

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NPDES-18	S4.C.3 Sampling Locations	<p>Sampling Locations</p> <p>a. The Contractor is required to conduct sampling at all discharge points where stormwater (or authorized non-stormwater) is discharged off-site, including where it enters any on-site surface waters of the state (for example, a creek running through a site).</p> <p>b. The Contractor may discontinue sampling at discharge points in areas of the project that are fully stabilized to prevent erosion.</p> <p>c. The Contractor shall identify all sampling point(s) on the TESC Plan Sheets and clearly mark sampling locations in the field with a flag, tape, stake or other visible marker.</p>	Sampling Requirements, TESC Plan	Contractor (lead) WSDOT (contract enforcement)	SS 1-02.4(1), SS 8-01.3(1)C4	None
NPDES-19	S4.C.4 Sampling and Analysis Methods	<p>The Contractor shall perform turbidity analysis with a calibrated turbidity meter (turbidimeter), either on-site or at an accredited lab. The Contractor shall record the results in the site log book in Nephelometric Turbidity Units (NTUs).</p> <p>The Contractor shall maintain a calibration log in accordance with the equipment manufacturer's calibration guidelines.</p>	Record Keeping, Sampling Requirements	Contractor (lead) WSDOT (contract enforcement)	SS 1-02.4(1), SS 8-01.3(1)B, SS 8-01.3(1)C, WSDOT TESC Manual 4-1.5	None

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NPDES-20	S4.C.5 Turbidity Benchmark Values	<p>The benchmark value for turbidity is 25 NTUs or less;</p> <p>a. Turbidity 26 – 249 NTUs: If discharge turbidity is greater than 25 NTU, but less than 250 NTU, the Contractor's CESCL shall: (i) Review the TESC Plan for compliance with Condition S9 and make appropriate revisions within 7 days of the discharge that exceeded the benchmark; (ii) Immediately begin the process to fully implement and maintain appropriate source control and/or treatment BMPs as soon as possible, addressing the problems within 10 days of the date the discharge exceeded the benchmark; and (iii) Document BMP implementation and maintenance in the site log book, (iv) Report discharge sample data in WebDMR and include notes about adaptive management.</p> <p>b. Turbidity 250 NTUs or greater: If a discharge point's turbidity is 250 NTUs or greater, the Contractor shall:</p> <p>(i) Notify Ecology by calling or submitting an electronic report to the applicable Ecology region Environmental Report Tracking System (ERTS) number (or through Ecology's Water Quality Permitting Portal [WQWebPortal] - Permit Submittals when the form is available) within 24 hours in accordance with Special Condition S5.A; and (ii) Review the TESC Plan for compliance with Special Condition S9 and make appropriate revisions within 7 days of the date the discharge exceeded the benchmark; and (iii) Immediately begin the process to fully implement and maintain appropriate source control and/or treatment BMPs as soon as possible, addressing the problems within 10 days of the date the discharge exceeded the benchmark; and (iv) Document BMP implementation and maintenance in the site log book and report discharge sample data in WebDMR and include notes about adaptive management; and (v) Continue to sample discharges daily until:</p> <p>(a) turbidity is 25 NTUs (or lower); or</p> <p>(b) the CESCL has taken samples which demonstrated compliance with the water quality standard for turbidity:</p> <p>(1) no more than 5 NTUs over background turbidity, if background is less than 50 NTUs, or (2) no more than 10% over background turbidity, if background is 50 NTUs or greater; or</p> <p>(d) the discharge stops or is eliminated.</p> <p>Note: A background sample (upstream in-water) may be collected to document compliance with the water quality standard for turbidity, however a discharge point sample is still required to be collected for DMR purposes (the background sample is supplemental information). Demonstrating compliance with the water quality standard for turbidity does not negate follow-up actions triggered by the discharge sample value. Not all projects will have access to the receiving water to collect a background sample – so this option is not applicable to all projects. Lifting a storm drain and sampling the water in the conveyance system does not constitute a background sample.</p>	Notifications, Record Keeping, Sampling Requirements, TESC Plan	Contractor (lead) WSDOT (contract enforcement)	SS 1-02.4(1), SS 8-01.3(1)B, WSDOT TESC Manual 4, WSDOT TESC Manual 4-1.4	None

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NPDES-21	S4.D pH Sampling Requirements	pH Sampling Requirements: Sites with Significant Concrete Work or Engineered Soils. If the Contractor's construction activity will result in the disturbance of 1 acre or more, and involves significant concrete work (significant concrete work means greater than 1000 cubic yards of placed or poured concrete or recycled concrete used over the life of the project) or the use of engineered soils (soil amendments including but not limited to Portland cement-treated base [CTB], cement kiln dust [CKD], or fly ash), and stormwater from the affected area drains to surface waters of the state or to a storm sewer system that drains to surface waters of the state, the Contractor shall conduct pH sampling as set forth in provisions S4.D.1 through S4.D.7 of the CSWGP.	Sampling Requirements	Contractor (lead) WSDOT (contract enforcement)	SS 1-02.4(1), SS 8-01.1, SS 8-01.1(1), SS 8-01.3(1)A1, SS 8-01.3(1)B,	None
NPDES-22	S4.D.1 pH Sampling Requirements	For sites with significant concrete work, the Contractor shall ensure the pH sampling period commences when the concrete is first placed or poured and exposed to precipitation, and shall continue weekly throughout and after the concrete pour and curing period, until stormwater pH in the range of 6.5 to 8.5 (su).	Sampling Requirements	Contractor (lead) WSDOT (contract enforcement)	SS 1-02.4(1), SS 8-01.3(1)A1, SS 8-01.3(1)C3	None
NPDES-23	S4.D.2 and S4.D.3 pH Sampling Requirements	For sites with recycled concrete where monitoring is required or engineered soils, the Contractor shall ensure the pH sampling period commences when the recycled concrete or soil amendments are first exposed to precipitation and must continue until the recycled concrete is fully stabilized with the stormwater pH in the range of 6.5 to 8.5 (su) or the area of engineered soils is fully stabilized.	Sampling Requirements	Contractor (lead) WSDOT (contract enforcement)	SS 1-02.4(1), SS 8-01.3(1)A1, SS 8-01.3(1)C3	None
NPDES-24	S4.D.4 pH Sampling Requirements	During the pH monitoring period, the Contractor shall obtain a representative sample of stormwater and conduct pH analysis at least once per week.	Sampling Requirements	Contractor (lead) WSDOT (contract enforcement)	SS 1-02.4(1), SS 8-01.3(1)A1	None
NPDES-25	S4.D.5 pH Sampling Requirements	The Contractor shall sample pH in the sediment trap/pond(s) or other locations that receive stormwater runoff from the area of significant concrete work or engineered soils prior to discharge to surface waters.	Monitoring Requirements, Sampling Requirements	Contractor (lead) WSDOT (contract enforcement)	SS 1-02.4(1)	None
NPDES-26	S4.D.6 pH Sampling Requirements	The benchmark value for pH is 8.5 standard units. Any time sampling indicates that pH is 8.5 or greater, the Contractor shall: a. Prevent the high pH water (8.5 or above) from entering storm sewer systems or surface waters; or b. If necessary, adjust or neutralize the high pH water using an appropriate treatment BMP such as carbon dioxide (CO2) sparging, dry ice, or food grade vinegar. The Contractor shall obtain written approval from Ecology before using any form of chemical treatment other than CO2 sparging, dry ice or food grade vinegar.	Sampling Requirements	Contractor (lead) WSDOT (contract enforcement)	SS 1-02.4(1), SS 8-01.1(1)	None
NPDES-27	S4.D.7 pH Sampling Requirements	The Contractor shall perform pH analysis on-site with a calibrated pH meter, pH test kit, or wide range pH indicator paper. The Contractor shall record pH sampling results in the site log book.	Sampling Requirements	Contractor (lead) WSDOT (contract enforcement)	SS 1-02.4(1), SS 9-25.1	None
NPDES-28	S5.A Reporting and Recordkeeping Requirements	High Turbidity Reporting. Any time sampling performed in accordance with Special Condition S4.C indicates turbidity is 250 NTU or greater, the Contractor shall either call the appropriate Ecology Region's Environmental Report Tracking System (ERTS) number by phone within 24 hours of analysis or submit an electronic report through Ecology's Water Quality Permitting Portal [WQWebPortal] - Permit Submittals when the form is available.	Notifications, Sampling Requirements	Contractor (lead) WSDOT (contract enforcement)	SS1-02.4(1), CM 41-01.37	None

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NPDES-29	S5.B Discharge Monitoring Reports	Discharge Monitoring Reports (DMRs). When the Contractor conducts discharge sampling in accordance with Special Conditions S.4.C (Turbidity/Transparency), S4.D (pH), S8 (303[d]/TMDL sampling), and/or G13 (Additional Sampling) the Contractor shall submit monitoring data using Ecology's WQWebDMR web application accessed through Ecology's Water Quality Permitting Portal. To sign up for WQWebDMR go to: https://ecology.wa.gov/Regulations-Permits/Guidance-technical-assistance/Water-quality-permits-guidance/WQWebPortal-guidance .	Record Keeping, Sampling Requirements, Submittal Requirements	Contractor (lead) WSDOT (contract enforcement)	SS 1-02.4(1)	None
NPDES-30	S5.B Discharge Monitoring Reports	If there was no discharge during a given monitoring period, the Contractor must submit a DMR as required with "no discharge" entered in place of the monitoring results. DMRs are required for the full duration of permit coverage (from the Specific Date of Transfer to termination).	Record Keeping, Sampling Requirements, Submittal Requirements	Contractor (lead) WSDOT (contract enforcement)	SS 1-02.4(1)	None
NPDES-31	S5.C Records Retention	The Contractor shall retain records of all monitoring information, TESC and SPCC Plans, copy of the permit coverage letter (including Transfer of Coverage documentation), and any other documentation of compliance with permit requirements during the life of the construction project. This information shall be retained by the Contractor for a minimum of five years following the termination of permit coverage. Such information shall include all calibration and maintenance records, and records of all data used to complete the application for this permit. This period of retention shall be extended during the course of any unresolved litigation regarding the discharge of pollutants by the Contractor or when requested by Ecology.	Inspections, Monitoring Requirements, Record Keeping, TESC Plan	Contractor (lead) WSDOT (contract enforcement)	SS 1-02.4(1), SS 1-07.15(1), SS 8-01.3(1)B	None
NPDES-32	S5.D Recording Results	For each measurement or sample taken, the Contractor shall record the following information: 1. Date, place, method, and time of sampling or measurement; 2. The first and last name of the individual who performed the sampling or measurement; 3. The date(s) the analyses were performed; 4. The first and last name of the individual who performed the analyses; 5. The analytical techniques or methods used; and 6. The results of all analyses.	Record Keeping, Sampling Requirements	Contractor (lead) WSDOT (contract enforcement)	SS 1-02.4(1)	None
NPDES-33	S5.E Additional Monitoring by the Permittee	If the Contractor monitors any pollutant more frequently than required by this permit using test procedures specified by Condition S4 of this permit, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the Contractor's Discharge Monitoring Report (DMR).	Record Keeping, Sampling Requirements, Submittal Requirements	Contractor (lead) WSDOT (contract enforcement)	SS 1-02.4(1),	None

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NPDES-34	S5.F Noncompliance Notification	<p>In the event the Contractor is unable to comply with any of the terms and conditions of this permit which may cause a threat to human health or the environment (such as but not limited to spills of fuels or other materials, catastrophic pond or slope failure, and discharges that violate water quality standards), or exceed numeric effluent limitations, the Contractor shall, upon becoming aware of the circumstance:</p> <ol style="list-style-type: none"> 1. Notify Ecology within 24-hours of the failure to comply by calling the applicable Regional office ERTS phone number. 2. Immediately take action to prevent the discharge/pollution, or otherwise stop or correct the noncompliance, and, if applicable, repeat sampling and analysis of any noncompliance immediately and submit the results to Ecology within five (5) days after becoming aware of the violation. 3. The Contractor shall submit a detailed written report to Ecology (and copy WSDOT on any correspondence) within five (5) days of the time the Contractor becomes aware of the circumstances, unless requested earlier by Ecology. The report must be submitted using Ecology's Water Quality Permitting Portal (WQWebPortal) – Permit Submittals, unless a waiver from electronic reporting has been granted according to S5.B. the report shall contain a description of the noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and the steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance. Compliance with these requirements does not relieve the Contractor from responsibility to maintain continuous compliance with the terms and conditions of this permit or the resulting liability for failure to comply. Upon request of the Permittee, Ecology may waive the requirement for a written report on a case-by-case basis, if the immediate notification is received by Ecology within 24 hours. 	Notifications, Submittal Requirements	Contractor (lead) WSDOT (contract enforcement)	SS 1-02.4(1)	None
NPDES-35	S5.G.1 Access to Plans and Records 1. Table 2 Summary of Required On-Site Documentation	2. The Contractor shall retain the following permit documentation (plans and records) onsite, or within reasonable access to the site, for use by the operator; or on-site review by Ecology or the local jurisdiction: <ol style="list-style-type: none"> a. CSWGP; b. Permit Coverage Letter or Transfer of Coverage (TOC) form; c. Stormwater Pollution Prevention Plan (TESC and SPCC Plans); and d. Site Log Book e. Site Map 	Erosion Control, Record Keeping, TESC Plan	Contractor (lead) WSDOT (contract enforcement)	SS 1-02.4(1)	None

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NPDES-36	S5.G.2 Access to Plans and Records	The Contractor shall address written requests for plans and records (with notification to WSDOT) listed under Condition S5.G.1 as follows: a. A copy of plans and records shall be provided to Ecology within 14 days of receipt of a written request from Ecology. b. Upon receiving a written request from the public for the Permittee's plans and records, the Contractor shall either: i. Provide a copy of the plans and records to the requestor within 14 days of a receipt of the written request; or ii. Notify the requestor within 10 days of receipt of the written request of the location and times within normal business hours when the plans and records may be viewed, and provide access to the plans and records within 14 days of receipt of the written request; or iii. Within 14 days of receipt of the written request, the Contractor may submit a copy of the plans and records to Ecology for viewing and/or copying by the requestor at an Ecology office, or a mutually agreed upon location. If plans and records are viewed and/or copied at a location other than at an Ecology office, the Contractor will provide reasonable access to copying services for which a reasonable fee may be charged. The Contractor shall notify the requestor within 10 days of receipt of the request where the plans and records may be viewed and/or copied.	Record Keeping	Contractor (lead) WSDOT (contract enforcement)	SS 1-02.4(1)	None
NPDES-37	S7. Solid and Liquid Waste Disposal	Solid and liquid wastes generated by construction activity such as demolition debris, construction materials, contaminated materials, and waste materials from maintenance activities, including liquids and solids from cleaning catch basins and other stormwater facilities, shall be handled and disposed of by the Contractor in accordance with: 1. Special Condition S3, Compliance with Standards. 2. WAC 173-216-110. 3. WSDOT Standard Specification 2-03.3(7)c. 4. Other applicable regulations.	Disposal Requirements	Contractor (lead) WSDOT (contract enforcement)	SS 2-03.3(7)C	None
NPDES-38	S8 Sampling & Numeric Effluent Limits for Discharges to 303(d)-listed Waterbodies or Waterbodies Covered by Approved TMDLs	1. If the Contractor has authorization (via Notice of Intent) to discharge to segments of waterbodies listed as impaired by the State of Washington under Section 303(d) of the Clean Water Act for turbidity, fine sediment, high pH, or phosphorus, the Contractor shall conduct water quality sampling according to the requirements of this section, and must comply with the applicable numeric effluent limitations in S8.C and S8.D. 2. All references and requirements associated with Section 303(d) of the Clean Water Act mean the most current listing by Ecology of impaired waters (Category 5) that exists on January 1, 2016, or the date when the operator's complete permit application is received by Ecology, whichever is later.	Sampling Requirements	Contractor	GSP 1-07.5(3).OPT1(A).FR1, SS 8-01.1, SS 8-01.1(1), SS 8-01.3(1)	None

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NPDES-39	S8.C.1 & 2	If the Contractor discharges to segments of water bodies on the 303(d) list (Category 5) for turbidity, fine sediment, or phosphorus sampling must be conducted for turbidity in accordance with Special Condition S4.C.2 and comply with either of the numeric effluent limits noted in Table 5. As an alternative to the 25 NTUs effluent limit noted in Table 5 (applied at the point where stormwater [or authorized non-stormwater] is discharged offsite), the Contractor may choose to comply with the surface water quality standard for turbidity. The standard is: no more than 5 NTU over background turbidity when the background turbidity is 50 NTUs or less, or more than a 10% increase in turbidity when the background turbidity is more than 50 NTUs. In order to use the water quality standard requirement, the sampling must take place at the following locations: a. Background turbidity shall be measured in the 303(d)-listed receiving water immediately upstream (upgradient) or outside the area of influence of the discharge; and b. Turbidity at the point of discharge into the 303(d) listed receiving waterbody, inside the area of influence of the discharge.	Sampling Requirements	Contractor	GSP 1-07.5(3).OPT1(A).FR1, SS 8-01.1, SS 8-01.1(1), SS 8-01.3(1) SS 8-01.3(1)A	None
NPDES-40	S8.C.3 & 4	Discharges that exceed the numeric effluent limit for turbidity or the surface water quality standards constitute a violation of this permit. If a discharge exceeds the numeric effluent limit, the Contractor shall sample discharges daily until the violation is corrected, notify Ecology immediately, and comply with the non-compliance notification requirements in Special Condition S5.F.	Notifications, Sampling Requirements	Contractor	SS 1-02.4(1), SS 1-07.5(3)	None
NPDES-41	S8.D.1 & 2	Discharges to waterbodies on the 303(d) list for High pH. 1) Permittees that discharge to segments waterbodies on the 303(d) list (Category 5) for high pH shall conduct sampling at one of the following locations to evaluate compliance with the water quality standard for pH (in the range of 6.5-8.5): A. Directly in the 303(d) listed waterbody segment, inside the immediate area of influence of the discharge; or B. Alternatively, pH may be measured at the point where the discharge leaves the construction site rather than in the receiving water.	Sampling Requirements	Contractor	SS 1-02.4(1) SS 8-01.1, SS 8-01.1(1), SS 8-01.3(1), SS 8-01.3(1)A	None
NPDES-42	S8.D.3 & 4	Discharges that exceed the numeric effluent limit for pH (outside the range of 6.5-8.5 su) constitute a violation of the permit. If a discharge exceeds the numeric effluent limit, the Contractor shall sample discharges daily until the violation is corrected, notify Ecology immediately, and comply with the non-compliance notification requirements in Special Condition S5.F.	Sampling Requirements	Contractor WSDOT (contractor enforcement)	SS 1-02.4(1)	None
NPDES-43	S8.E Sampling and Limits for Sites Discharging to Waters Covered by an Approved TMDL	Discharges to a waterbody that is subject to a Total Maximum Daily Load (TMDL) for turbidity, fine sediment, high pH, or phosphorus must be consistent with the TMDL. Where an applicable TMDL sets specific waste load allocations or requirements for discharges covered by this permit, discharges must be consistent with any specific waste load allocations or requirements established. The Contractor shall sample discharges weekly or as otherwise specified by the TMDL to evaluate compliance. The Contractor shall comply with the Special Conditions S8.E regarding TMDLs.	Sampling Requirements	Contractor	SS 1-02.4(1)	None
NPDES-44	S9. Stormwater Pollution Prevention Plan	An adequate Stormwater Pollution Prevention Plan (TESC Plan and SPCC Plan) for construction activity shall be prepared and implemented by the Contractor in accordance with the requirements of this permit beginning with initial soil disturbance and until final stabilization.	Submittal Requirements, TESC Plan	Contractor	SS 1-02.4(1), SS 1-07.15, SS 8-01.3(1), SS 8-01.3(1)A	None

CTS ID	Permit Source Reference	Commitment Language / Commitment Tracking System	Construction Activity	Responsibility	Existing Method of Implementation	Notes
NPDES-45	S9.A The Permittee's SWPPP must meet the following objectives	The Contractor's TESC and SPCC Plans shall meet the following objectives: 1. To implement Best Management Practices (BMPs) to prevent erosion and sedimentation, and to identify, reduce, eliminate or prevent stormwater contamination and water pollution from construction activity. 2. To prevent violations of surface water quality, ground water quality, or sediment management standards. 3. To control peak volumetric flow rates and velocities of stormwater discharges.	Erosion Control, Submittal Requirements, TESC Plan	Contractor (Lead) WSDOT (Contractor enforcement)	SS 1-07.15(1), SS 8-01.3(1)A, SS 8-013(1)A1	None
NPDES-46	S9.B.1 General Requirements	The Contractor's TESC Plan shall include a narrative and Plan Sheets. All BMPs shall be clearly referenced in the narrative and marked on the Plan Sheets. The Contractor's TESC Plan narrative shall include documentation to explain and justify the pollution prevention decisions made for the project. Documentation shall include: a. Information about existing site conditions (topography, drainage, soils, vegetation, etc.); b. Potential erosion problem areas; c. The 13 Planning Elements identified in S9.D.1-13, including BMPs used to address each element; d. Construction phasing/sequence and general BMP implementation schedule; e. The actions to be taken if BMP performance goals are not achieved; and f. Engineering calculations for ponds, treatment systems, and any other designed structures. When a treatment system requires engineering calculations, these calculations must be included in the TESC Plan. Engineering calculations do not need to be included for treatment systems that do not require such calculations.	Submittal Requirements, TESC Plan	Contractor WSDOT (contractor enforcement)	SS 1-02.4(1), SS8-01.3(1)A1	None
NPDES-47	S9.B.2 General Requirements	The Contractor shall modify the TESC Plan if, during inspections or investigations conducted by the owner/operator, or the applicable local or state regulatory authority, it is determined that the TESC Plans is, or would be, ineffective in eliminating or significantly minimizing pollutants in stormwater discharges from the site. The Contractor shall take the following actions: a. Review the TESC Plan for compliance with Condition S9 and make appropriate revisions within 7 days of the inspection or investigation; b. Fully implement and maintain appropriate source control and/or treatment BMPs as soon as possible, but no later than 10 days from the inspection or investigation; and c. Document BMP implementation and maintenance in the site log book.	Record Keeping, TESC Plan	Contractor WSDOT (contractor enforcement)	SS 1-02.4(1), SS 8-01.3(1)A1	None
NPDES-48	S9.B.2 General Requirements	The Contractor shall modify the TESC Plan whenever there is a change in design, construction, operation, or maintenance at the construction site that has, or could have, a significant effect on the discharge of pollutants to waters of the state.	Record Keeping, TESC Plan	Contractor	SS1-02.4(1), SS1-07.15, SS 8-01.3(1)A1, SS 8-01.3(1)B	None
NPDES-49	S9.D SWPPP - Narrative Contents and Requirements	The Contractor shall include each of the 13 elements in S9.D.1-13 in the narrative of the TESC Plan and ensure that they are implemented unless site conditions render the element unnecessary and the exemption from that element is clearly justified in the TESC Plan.	TESC Plan	Contractor	SS 1-02.4(1), SS 8-01.3(1)A1	None

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NPDES-50	S9.D.1 Preserve Vegetation/Mark Clearing Limits	<p>1. Preserve Vegetation/Mark Clearing Limits</p> <p>a. Prior to beginning land disturbing activities, including clearing and grading, the Contractor shall clearly mark all clearing limits, sensitive areas and their buffers, and trees that are to be preserved within the construction area with high-visibility construction fencing. The fencing shall be installed in accordance with WSDOT Standard Specification 8-01.3(1), Standard Specification 8-01.3(9)A, and Standard Plan Section I, 10.10-01.</p> <p>b. The Contractor shall retain the duff layer, native topsoil, and natural vegetation in an undisturbed state to the maximum degree practicable.</p>	Clearing and Grubbing, Delineation and Fencing, Equipment and Staging, TESC Plan	Contractor	SS 1-02.4(1), SS 1-07.16(2), SS 1-07.16(2)A, SS 8-01.3(1), SS 8-01.3(9)A1, Standard Plans I-10.10-01	None
NPDES-51	S9.D.2 Establish Construction Access	<p>2. Establish Construction Access</p> <p>a. The Contractor shall limit construction vehicle access and exit to one route, if possible.</p> <p>b. The Contractor shall stabilize access points with a pad of permeable ballast, crushed rock, or other equivalent BMP, to minimize the tracking of sediment onto roads.</p> <p>c. The Contractor shall ensure tire wash are located on site, if the stabilized construction entrance is not effective in preventing sediment from being tracked onto roads.</p> <p>d. If sediment is tracked off site, the Contractor shall ensure public roads are cleaned thoroughly at the end of each day, or more frequently during wet weather. Sediment shall be removed from roads by shoveling or pickup sweeping and shall be transported to a controlled sediment disposal area.</p> <p>e. Street washing is allowed only after sediment is removed in accordance with S9.D.2.d. The Contractor shall ensure street wash wastewater is controlled by pumping back on site or otherwise be prevented from discharging into systems tributary to waters of the state.</p>	Equipment and Staging, Erosion Control, TESC Plan	Contractor	SS 1-02.4(1), SS 8-01.3(7), SS 8-01.3(8), Standard Plans I-80.10-02	None
NPDES-52	S9.D.3.a Control Flow Rates	<p>3. Control Flow Rates</p> <p>a. The Contractor shall that ensure properties and waterways, downstream from development sites, are protected from erosion due to increases in the velocity and peak volumetric flow rate of stormwater runoff from the project site, as required by local plan approval authority.</p>	Erosion Control, TESC Plan	Contractor	SS 1-02.4(1), SS 8-01.3(1)C4	None
NPDES-53	S9.D.3.b Control Flow Rates	<p>3. Control Flow Rates</p> <p>b. Where necessary to comply with S9.D.3.a. of the CSWGP, stormwater retention or detention facilities shall be constructed by the Contractor as one of the first steps in grading. The Contractor shall ensure detention facilities are functional prior to construction of site improvements (e.g., impervious surfaces).</p>	Clearing and Grubbing, Erosion Control, TESC Plan, Timing Restrictions	Contractor	SS 1-02.4(1), SS 8-01.3(1)E	None
NPDES-54	S9.D.3.c Control Flow Rates	<p>3. Control Flow Rates</p> <p>c. If permanent infiltration ponds are used for flow control during construction, the Contractor shall ensure these facilities are protected from siltation during the construction phase.</p>	Erosion Control, TESC Plan	Contractor	SS 1-02.4(1), SS 1-07.14	None
NPDES-55	S9.D.4.a Install Sediment Controls	<p>4. Install Sediment Controls.</p> <p>a. The Contractor shall construct sediment control BMPs as one of the first steps in grading. These BMPs must be functional before other land disturbing activities take place.</p>	Erosion Control, Outfalls, TESC Plan	Contractor	SS 1-02.4(1), SS 8-01, SS 8-01.3(1), SS 8-01.3(1)E, SS 9-14.6,	None
NPDES-56	S9.D.4.b Install Sediment Controls	The Contractor shall minimize sediment discharges from the site. The design, installation and maintenance of erosion and sediment controls must address factors such as the amount, frequency, intensity and duration of precipitation, the nature of resulting runoff, and soil characteristics.	Erosion Control, Grading and Soil Work, TESC Plan	Contractor	SS 1-02.4(1), SS 8-01.3(1)	None

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NPDES-57	S9.D.4.c Install Sediment Controls	The Contractor shall direct stormwater runoff from disturbed areas through a sediment pond or other appropriate sediment removal BMP, before the runoff leaves a construction site or before discharge to an infiltration facility. Runoff from fully stabilized areas may be discharged without a sediment removal BMP, but shall meet the flow control performance standard of S9.D.3.a of the CSWGP.	Erosion Control	Contractor	SS 1-02.4(1), SS 8-01.3(1), SS 8-03,3(1)A, SS 8-01.3(1)C	None
NPDES-58	S9.D.4.d Install Sediment Controls	BMPs intended to trap sediment on site shall be located in a manner to avoid interference with the movement of juvenile salmonids attempting to enter off-channel areas or drainages.	TESC Plan	Contractor WSDOT oversight	SS 1-02.4(1), SS 1-07.5(3), SS 8-01.3(1)C, SS 8-31, GSP 8-31.3(1)A.OPT1.FR8, GSP 8-31.3(1)A.OPT2.FR8	None
NPDES-59	S9.D.4.e Install Sediment Controls	The Contractor shall provide and maintain natural buffers around surface waters, direct stormwater to vegetated areas to increase sediment removal and maximize stormwater infiltration, unless infeasible.	TESC Plan	Contractor	SS 1-02.4(1), SS8-01.3(1)C, SS 8-01.3(1)D	None
NPDES-60	S9.D.4.f Install Sediment Controls	Where feasible, design outlet structures that withdraw impounded stormwater from the surface to avoid discharging sediment that is still suspended lower in the water column.	Outfalls, TESC Plan	Contractor	SS 1-02.4(1), SS 8-01.3(1)C	None
NPDES-61	S9.D.5.a Stabilize Soils	The Contractor shall stabilize exposed and unworked soils by application of effective BMPs that prevent erosion. Applicable BMPs include, but are not limited to: temporary and permanent seeding, sodding, mulching, plastic covering, erosion control fabrics and matting, soil application of polyacrylamide (PAM), the early application of gravel base on areas to be paved, and dust control.	Erosion Control, Grading and Soil Work, TESC Plan	Contractor	SS 1-02.4(1), SS 8-01.3(2)B, SS 8-01.3(2)D, SS 8-01.3(2)E, SS 8-01.3(3), SS 8-01.3(4), SS 8-01.3(5)	None
NPDES-62	S9.D.5.b and c Stabilize Soils	The Contractor must control stormwater volume and velocity within the site to minimize soil erosion. The Contractor must control stormwater discharges, including both peak flow rates and total stormwater volume, to minimize erosion at outlets and to minimize downstream channel and stream bank erosion.	Erosion Control, Outfalls, TESC Plan	Contractor	SS 1-02.4(1), SS 8-01.3(1)C4, SS 8-01.3(1)D, TESC Control Manual Element 6	None
NPDES-63	S9.D.5.d Stabilize Soils	The Contractor must stabilize exposed and unworked soils by application of effective BMPs that prevent erosion. Applicable BMPs include, but are not limited to: temporary and permanent seeding, sodding, mulching, plastic covering, erosion control fabrics and matting, soil application of polyacrylamide (PAM), the early application of gravel base on areas to be paved, and dust control. Depending on the geographic location of the project, the Permittee must not allow soils to remain exposed and unworked for more than the time periods set forth below to prevent erosion: West of the Cascade Mountains Crest During the dry season (May 1 - September 30): 7 days During the wet season (October 1 - April 30): 2 days East of the Cascade Mountains Crest, except for Central Basin* During the dry season (July 1 - September 30): 10 days During the wet season (October 1 - June 30): 5 days The Central Basin*, East of the Cascade Mountains Crest During the dry Season (July 1 - September 30): 30 days During the wet season (October 1 - June 30): 15 days *Note: The Central Basin is defined as the portions of Eastern Washington with mean annual precipitation of less than 12 inches.	Erosion Control, Grading and Soil Work, TESC Plan, Timing Restrictions	Contractor	SS 1-02.4(1), SS 8-01.3(1)	None

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NPDES-64	S9.D.5.e Stabilize Soils	The Contractor shall ensure soils are stabilized at the end of the shift before a holiday or weekend if needed based on the weather forecast.	Erosion Control, Grading and Soil Work, TESC Plan	Contractor	SS 1-02.4(1), SS 8-01.3(1)	None
NPDES-65	S9.D.5.f Stabilize Soils	The Contractor shall ensure soil stockpiles are stabilized from erosion, protected with sediment trapping measures, and where possible, be located away from storm drain inlets, waterways, and drainage channels.	Erosion Control, TESC Plan	Contractor	SS 1-02.4(1), SS 8-01.3(1)	None
NPDES-66	S9.D.6.a Protect Slopes	The Contractor shall design and construct cut and fill slopes in a manner that will minimize erosion. Applicable practices include, but are not limited to, reducing continuous length of slope with terracing and diversions, reducing slope steepness, and roughening slope surfaces (e.g., track walking).	Erosion Control, TESC Plan	Contractor	SS1-02.4(1), TESC Control Manual Element 6	None
NPDES-67	S9.D.6.b Protect Slopes	The Contractor shall divert off-site stormwater (run-on) or groundwater away from slopes and disturbed areas with interceptor dikes, pipes, and/or swales. The Contractor shall manage off-site stormwater separately from stormwater generated on the site.	TESC Plan	Contractor	SS 8-01.3(1)C4	None
NPDES-68	S9.D.6.c Protect Slopes	At the top of slopes, the Contractor shall collect drainage in pipe slope drains or protected channels to prevent erosion. i. West of the Cascade Mountains Crest: Temporary pipe slope drains shall handle the peak 10 minute flow rate from a Type 1A, 10-year, 24-hour frequency storm for the developed condition. Alternatively, the 10-year, 1-hour flow rate predicted by an approved continuous runoff model, increased by a factor of 1.6, may be used. The hydrologic analysis shall use the existing land cover condition for predicting flow rates from tributary areas outside the project limits. For tributary areas on the project site, the analysis shall use the temporary or permanent project land cover condition, whichever will produce the highest flow rates. If using the Western Washington Hydrology Model (WWHM) to predict flows, bare soil areas should be modeled as "landscaped area." ii. East of the Cascade Mountains Crest: Temporary pipe slope drains must handle the expected peak flow rate from a 6-month, 3-hour storm for the developed condition, referred to as the short duration storm.	TESC Plan	Contractor	SS 1-02.4(1), SS 8-01.3(14)	None
NPDES-69	S9.D.6.d Protect Slopes	The Contractor shall place excavated material on the uphill side of trenches, consistent with safety and space considerations.	Grading and Soil Work, TESC Plan	Contractor	SS 1-02.4(1), TESC Control Manual Element 6: Protect Slopes	None
NPDES-70	S9.D.6.e Protect Slopes	The Contractor shall place check dams at regular intervals within constructed channels that are cut down a slope.	TESC Plan	Contractor	SS 8-01.3(6), Standard Plans I-50.20-02	None
NPDES-71	S9.D.7.a Protect Drain Inlets	The Contractor shall protect all storm drain inlets made operable during construction so that stormwater runoff does not enter the conveyance system without first being filtered or treated to remove sediment.	TESC Plan	Contractor	SS 8-01.3(B), SS 8-01.3(9)D, Standard Plans I-40.20-00	None
NPDES-72	S9.D.7.b Protect Drain Inlets	Inlet protection devices shall be cleaned or removed and replaced by the Contractor when sediment has filled one-third of the available storage (unless a different standard is specified by the product manufacturer).	TESC Plan	Contractor	SS 8-01.3(15)	None

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NPDES-73	S9.D.8.a Stabilize Channels and Outlets	The Contractor shall design, construct, and stabilize all temporary on-site conveyance channels to prevent erosion from the following expected peak flows: i. West of the Cascade Mountains Crest: Temporary pipe slope drains shall handle the peak 10 minute flow rate from a Type 1A, 10-year, 24-hour frequency storm for the developed condition. Alternatively, the 10-year, 1-hour flow rate predicted by an approved continuous runoff model, increased by a factor of 1.6, may be used. The hydrologic analysis shall use the existing land cover condition for predicting flow rates from tributary areas outside the project limits. For tributary areas on the project site, the analysis shall use the temporary or permanent project land cover condition, whichever will produce the highest flow rates. If using the Western Washington Hydrology Model (WWHM) to predict flows, bare soil areas should be modeled as "landscaped area." ii. East of the Cascade Mountains Crest: Temporary pipe slope drains must handle the expected peak flow rate from a 6-month, 3-hour storm for the developed condition, referred to as the short duration storm. i. West of the Cascade Mountains Crest: Channels shall handle the peak 10 minute flow rate from a Type 1A, 10-year, 24-hour frequency storm for the developed condition. Alternatively, the 10-year, 1-hour flow rate indicated by an approved continuous runoff model, increased by a factor of 1.6, may be used. The hydrologic analysis shall use the existing land cover condition for predicting flow rates from tributary areas outside the project limits. For tributary areas on the project site, the analysis shall use the temporary or permanent project land cover condition, whichever will produce the highest flow rates. If using the WWHM to predict flows, bare soil areas should be modeled as "landscaped area." ii. East of the Cascade Mountains Crest: Channels must handle the expected peak flow rate from a 6-month, 3-hour storm for the developed condition, referred to as the short duration storm.	Stream Bypass, TESC Plan	Contractor	SS 8-01.3(6), SS 8-31.3(2)B, GSP 8-31.3(1)A.OPT1.FR8, GSP 8-31.3(1)A.OPT2.FR8	None
NPDES-74	S9.D.8.b Stabilize Channels and Outlets	The Contractor shall provide stabilization, including armoring material, adequate to prevent erosion of outlets, adjacent stream banks, slopes, and downstream reaches at the outlets of all conveyance systems.	Outfalls	Contractor	SS 8-01.3(11), SS 8-31.3(2)B, GSP 8-31.3(1)A.OPT1.FR8, GSP 8-31.3(1)A.OPT2.FR8	None
NPDES-75	S9.D.9.a Control Pollutants	All pollutants, including waste materials and demolition debris, that occur onsite shall be handled and disposed of by the Contractor in a manner that does not cause contamination of stormwater.	Disposal Requirements, Spill Prevention, TESC Plan	Contractor	SS 1-07.15(1), SS 2-03.3(7)C	None
NPDES-76	S9.D.9.b Control Pollutants	The Contractor shall provide cover, containment, and vandalism protection for all chemicals, liquid products, petroleum products, and other materials that have the potential to pose a threat to human health or the environment. On-site fueling tanks must include secondary containment. Secondary containment means placing tanks or containers within an impervious structure capable of containing 110% of the volume contained in the largest tank within the containment structure. Double-walled tanks do not require additional secondary containment.	Spill Prevention	Contractor	SS 1-07.15(1),	None
NPDES-77	S9.D.9.c Control Pollutants	The Contractor shall use spill prevention and control measures when maintaining, fueling, and repairing heavy equipment and vehicles. The Contractor shall clean contaminated surfaces immediately following any spill incident.	Spill Prevention	Contractor	SS 1-07.15, SS 1-07.15(1)	None
NPDES-78	S1.D Prohibited discharges S9.D.2.c. S9.D.9.d Control Pollutants	The Contractor shall discharge wheel wash wastewater to a separate on-site treatment system or to the sanitary sewer with local sewer district approval.	Disposal Requirements, TESC Plan	Contractor	SS 8-01.3(7)	None

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NPDES-79	S9.D.9.e Control Pollutants	The Contractor shall ensure that application of fertilizers and pesticides, is conducted in a manner and at application rates that will not result in loss of chemical to stormwater runoff. The Contractor shall follow manufacturers' label requirements for application rates and procedures.	Planting and Revegetation	Contractor	SS 1-02.4(1), SS 8-02	None
NPDES-80	S9.D.9.f and g Control Pollutants	The Contractor shall use BMPs to prevent or treat contamination of stormwater runoff by pH modifying sources. These sources include, but are not limited to: bulk cement, cement kiln dust, fly ash, new concrete washing and curing waters, recycled concrete stockpiles, waste streams generated from concrete grinding and sawing, exposed aggregate processes, dewatering concrete vaults, concrete pumping and mixer washout waters. (See definition for "concrete wastewater" in Appendix A-- Definitions of the permit) The Contractor shall adjust the pH of stormwater or authorized non-stormwater if necessary to prevent an exceedance of groundwater and/or surface water quality standards.	Concrete and pH	Contractor	SS 1-02.4(1), SS 1-07.5(3), SS 8-01.1, SS 8-01.1(1), SS 8-01.3(1)C2	None
NPDES-81	S9.D.9.h Control Pollutants	The Contractor shall assure that washout of concrete trucks is performed off-site or in designated concrete washout areas only. Do not wash out concrete truck drums or concrete handling equipment onto the ground, or into storm drains, open ditches, streets, or streams. Washout of concrete handling equipment may be disposed of in a designated concrete washout area or in a formed area awaiting concrete where it will not contaminate surface or ground water. Do not dump excess concrete on site, except in designated concrete washout areas. Concrete spillage or concrete discharge or surface waters of the State is prohibited. Do not wash out to formed areas awaiting LID facilities.	Concrete and pH, TESC Plan	Contractor	SS 1-02.4(1), SS 1-07.5(3), SS 8-01.1, SS 8-01.1(1), SS 8-01.3(1)C2, TESC Control Manual 5-1.1.6, TESC Control Manual 5-1.1.7, TESC Control Manual 5-1.1.8	None
NPDES-82	S9.D.9.i & j Control Pollutants	i. The Contractor shall obtain written approval from Ecology prior to using any chemical treatment, with the exception of CO2, dry ice, or food grade vinegar used to adjust pH. j. The Contractor may infiltrate uncontaminated water from water-only based shaft drilling for construction of building, road, and bridge foundations, provided the wastewater is managed in a way that prohibits discharge to surface waters. Prior to infiltration, water from water-only based shaft drilling that comes into contact with curing concrete, must be neutralized by the Contractor until pH is in the range of 6.5 to 8.5.	Concrete and pH, Notifications	Contractor	SS 1-02.4(1), SS 8-01.1, SS 8-01.1(1)	None
NPDES-83	S9.D.10.a Control Dewatering	The Contractor shall discharge foundation, vault, and trench de-watering water, which have similar characteristics to stormwater runoff at the site, into a controlled conveyance system prior to discharge to a sediment trap or sediment pond.	TESC Plan	Contractor	SS 1-02.4(1), SS 8-01.3(1)C1	None
NPDES-84	S9.D.10.b Control Dewatering	Clean, non-turbid de-watering water, such as well-point ground water, can be discharged to systems tributary to, or directly into surface waters of the state, as specified in S9.D.8, provided the de-watering flow does not cause erosion or flooding of receiving waters. The Contractor shall not route clean de-watering water through stormwater sediment ponds.	De-watering Work	Contractor	SS 1-02.4(1), SS 8-01.3(1)C1	None
NPDES-85	S9.D.10.d Control Dewatering	The Contractor must handle highly turbid or contaminated dewatering water separately from stormwater.	TESC Plan	Contractor	SS 1-02.4(1), SS 8-01.3(1)C1	None
NPDES-86	S9.D.11.a & b Maintain BMPs	All temporary and permanent erosion and sediment control BMPs shall be maintained and repaired by the Contractor as needed to assure continued performance of their intended function in accordance with BMP specifications. The Contractor must remove all temporary erosion and sediment control BMPs within 30 days after achieving final site stabilization or after the temporary BMPs are no longer needed. When the temporary BMP materials are made of natural plant fibers unaltered by synthetic materials the Engineer may allow leaving the BMP in place.	Project Completion, TESC Plan	Contractor	SS 8-01.3(15), SS 9-14.6	None

CTS ID	Permit Source Reference	Commitment Language / Commitment Tracking System	Construction Activity	Responsibility	Existing Method of Implementation	Notes
NPDES-87	S9.D.12.a & c Manage the Project	a. The Contractor shall phase development projects to the maximum degree practicable and shall take into account seasonal work limitations. c. The Contractor shall maintain, update, and implement the SWPPP (TESC and SPCC Plans) in accordance with Conditions S3, S4 and S9.	TESC Plan	Contractor	SS 1-02.4(1), SS 1-07.15, SS 8-01.3(1)A	None
NPDES-88	S9.D.13 Protect Low Impact Development (LID) BMPs	a. The Contractor shall protect all Bioretention and Rain Garden facilities from sedimentation through installation and maintenance of erosion and sediment control BMPs on portions of the site that into these areas. The Contractor shall restore the facilities to their fully functioning condition if they accumulate sediment during construction. b. The Contractor shall maintain the infiltration capabilities of Bioretention and Rain Garden facilities by protecting them from compaction by construction equipment and foot traffic. Protect completed lawn and landscaped areas from compaction due to construction equipment. c. The Contractor shall control erosion to avoid introducing sediment onto permeable pavements. Do not allow muddy construction equipment on the base material or pavement. Do not allow sediment-laden runoff onto permeable pavements. d. The Contractor shall clean permeable pavements fouled with sediments or no longer passing an initial infiltration test. e. The Contractor must keep all heavy equipment off existing soils under LID facilities that have not been excavated to final grade to retain the infiltration rate of the soils.	Record Keeping, Spill Prevention, TESC Plan	Contractor	SS 1-02.4(1), SS 8-01.3(1)A	None
NPDES-89	S9.E SWPPP - Map Contents and Requirements	The Contractor's TESC Plan shall include a vicinity map or general location map (e.g., USGS Quadrangle map, a portion of a county or city map, or other appropriate map) with enough detail to identify the location of the construction site and receiving waters within one mile of the site.	TESC Plan	Contractor	SS 1-02.4(1), SS 8-01.3(1)A1	None
NPDES-90	S9.E SWPPP - Map Contents and Requirements	The Contractor's TESC Plan sheets must include a legible site map (or maps) showing the entire construction site. The following features shall be identified, unless not applicable due to site conditions: 1. The direction of north, property lines, and existing structures and roads; 2. Cut and fill slopes indicating the top and bottom of slope catch lines; 3. Approximate slopes, contours, and direction of stormwater flow before and after major grading activities; 4. Areas of soil disturbance and areas that will not be disturbed; 5. Locations of structural and nonstructural controls (BMPs) identified in the SWPPP. 6. Locations of off-site material, stockpiles, waste storage, borrow areas, and vehicle/equipment storage areas; 7. Locations of all surface water bodies, including wetlands; 8. Locations where stormwater or non-stormwater discharges off-site and/or to a surface waterbody, including wetlands; 9. Location of water quality sampling station(s), if sampling is required by state or local permitting authority; and 10. Areas where final stabilization has been accomplished and no further construction phase permit requirements apply. 11. Location or proposed location of Low Impact Development (LID) facilities.	Submittal Requirements, TESC Plan	Contractor	SS 1-02.4(1), SS 8-01, SS 8-01.3(1) SS 8-01.3(1)A, SS 8-01.3(1)A1, SS 8-01.3(1)B, SS 8-01.3(1)C, SS 8-01.3(1)C4, SS 8-01.3(1)C7, SS 8-01.3(1)E, SS 8-01.3(2)E, SS 8-01.3(7), SS 8-01.3(9), SS 8-01.3(9)A1, SS 8-01.3(9)A2, SS 8-01.3(9)A3, SS 8-01.3(9)B	None

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NPDES-91	S10.B Notice of Termination	When the site is eligible for termination (as described in S10.A), the Contractor must submit a complete and accurate Notice of Termination (NOT) form, signed in accordance with General Condition G2 to: Department of Ecology Water Quality Program - Construction Stormwater PO Box 47696 Olympia, Washington 98504-7696 When an electronic termination form is available, the Contractor may choose to submit a complete and accurate Notice of Termination (NOT) form through the Water Quality Permitting Portal rather than mailing a hardcopy as noted above. The termination is effective on the thirty-first calendar day following the date Ecology receives a complete NOT form, unless Ecology notifies the Contractor that the termination request is denied because the eligibility requirements in Special Condition S10.A have not been met. The Contractor is required to comply with all conditions and effluent limitations in the permit until the permit has been terminated.	Project Completion	Contractor WSDOT oversight	SS 1-02.4(1), TESC Control Manual – 4-1.6.5, CM M 41-01.37	None
NPDES-92	G3. Right of Inspection and Entry	WSDOT and the Contractor shall allow an authorized representative of Ecology, upon the presentation of credentials and such other documents as may be required by law: A. To enter upon the premises where a discharge is located or where any records shall be kept under the terms and conditions of this permit. B. To have access to and copy - at reasonable times and at reasonable cost - any records required to be kept under the terms and conditions of this permit. C. To inspect - at reasonable times - any facilities, equipment (including monitoring and control equipment), practices, methods, or operations regulated or required under this permit. D. To sample or monitor - at reasonable times - any substances or parameters at any location for purposes of assuring permit compliance or as otherwise authorized by the Clean Water Act.	Inspections	Contractor	SS 1-02.4(1), SS 1-05.6	None
NPDES-93	G10. Removed Substances	The Contractor shall ensure collected screenings, grit, solids, sludges, filter backwash, or other pollutants removed in the course of treatment or control of stormwater will not be resuspended or reintroduced to the final effluent stream for discharge to state waters.	Disposal Requirements	Contractor	SS 1-02.4(1), SS 2-03.3(7)C	None
NPDES-94	G11. Duty to Provide Information	The Contractor shall submit to Ecology, within a reasonable time, all information which Ecology may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit or to determine compliance with this permit. WSDOT (with information provided by the Contractor as requested) shall also submit to Ecology upon request, copies of records required to be kept by this permit [40 CFR 122.41(h)].	Record Keeping, Submittal Requirements	Contractor	SS 1-02.4(1), SS 1-07.5	None
NPDES-95	G14. Penalties for Violating Permit Conditions	Any person who is found guilty of willfully violating the terms and conditions of this permit shall be deemed guilty of a crime, and upon conviction thereof shall be punished by a fine of up to ten thousand dollars (\$10,000) and costs of prosecution, or by imprisonment in the discretion of the court. Each day upon which a willful violation occurs may be deemed a separate and additional violation. Any person who violates the terms and conditions of a waste discharge permit shall incur, in addition to any other penalty as provided by law, a civil penalty in the amount of up to ten thousand dollars (\$10,000) for every such violation. Each and every such violation shall be a separate and distinct offense, and in case of a continuing violation, every day's continuance shall be deemed to be a separate and distinct violation.	Erosion Control	Contractor	SS 1-02.4(1), SS 1-07.5	None

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NPDES-96	G18. Toxic Pollutants	The Contractor shall comply with effluent standards or prohibitions established under Section 307(a) of the Clean Water Act for toxic pollutants within the time provided in the regulations that establish those standards or prohibitions, even if this permit has not yet been modified to incorporate the requirement.	Disposal Requirements	Contractor	SS 1-07.5(1)	None
NPDES-97	G19. Penalties for Tampering	The Clean Water Act provides that any person who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required to be maintained under this permit shall, upon conviction, be punished by a fine of not more than \$10,000 per violation, or by imprisonment for not more than two years per violation, or by both. If a conviction of a person is for a violation committed after a first conviction of such person under this Condition, punishment shall be a fine of not more than \$20,000 per day of violation, or imprisonment of not more than four (4) years, or both.	Monitoring Requirements, Sampling Requirements	Contractor	SS 1-02.4(1), SS 1-07	None
NPDES-98	G20. Reporting Planned Changes	The Contractor shall notify Ecology immediately if there are any planned physical alterations, modification or additions to the construction activity permitted in the CSWGP permit. The Contractor shall be responsible for any schedule delays that result from design changes. The Contractor shall, as soon as possible, give notice to Ecology of planned physical alterations, modifications or additions to the permitted construction activity, which will result in changes outlined under provision G20.A through D of this permit.	Notifications	Contractor	SS 1-02.4(1), SS 1-04.4	None
NPDES-99	G26.A Bypass Prohibited	Bypass, which is the intentional diversion of waste streams from any portion of a treatment facility, is prohibited for stormwater events below the design criteria for stormwater management. Ecology may take enforcement action against the Contractor for bypass unless one of the circumstances outlined in G26.A1 through G26.A5 of the CSWGP is applicable.	Erosion Control	Contractor	SS 1-02.4(1), SS 8-31.3(2)B, GSP 8-31.3(1)A.OPT1.FR8, GPS 8-31.3(1)A.OPT2.FR8	None
NPDES-100	G26.B Duty to Mitigate	The Contractor is required to take all reasonable steps to minimize or prevent any discharge or sludge use or disposal in violation of this permit that has a reasonable likelihood of adversely affecting human health or the environment.	Erosion Control	Contractor	SS 1-02.4(1), SS 1-07.5, SS 6-07.3(10)Q,	None