BMPs IN THE CSWGP

Best Management Practices Aligned To Your Construction Stormwater General Permit And SWPPP

PRESENTED BY:

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CSWGP OVERVIEW

- Construction Stormwater General Permit (CSWGP) may be required for qualifying construction activities
  - Applies to soil-disturbing construction activities that discharge stormwater
- Permitting and timing can drive the construction schedule
  - Permit coverage, sequencing, and seasonal windows (ex. fish window)
- BMPs and a site-specific SWPPP are the core tools to prevent pollutants from leaving your site
  - Required to control sediment, turbidity, and other construction and site related contaminants
  - Compliance is verified through inspections, documentation, and monitoring

SWPPP Ties BMPs to CSWGP Requirements

- SWPPP translates CSWGP permit conditions into site specific construction controls
- Project specs often require the SWPPP to address the required elements and include BMP types, locations, phasing and drawings
  - It documents the BMPs you will use, where they will go and how they will be maintained
- UPDATED AS CONSTRUCTION CONDITIONS CHANGE!!!

Administrative BMPs

- What are your administrative BMPs?
  - Assign roles: Certified Erosions and Sediment Control Lead (CESCL) or equivalent site lead (as required)
- Training crews and subcontractors on BMP installation and housekeeping expectations and stormwater responsibilities
- Maintain and update SWPPP and revise as conditions change
- Keep records on site and readily available: Inspection logs, maintenance and repairs, and any required sampling and monitoring documentation

Inspection Log

Washington State CSWGP – Construction Stormwater BMP Inspection Log

Washington State Department of Ecology – Construction Stormwater General Permit (Effective Jan 1, 2026)

Project Name: _____

Project Location: _____

CSWGP Permit Number: _____

Inspection Date: _____

CESCL / Inspector Name: _____

Weather Conditions: _____

Rainfall (last 24 hrs): _____

Discharge Occurred During Inspection? (Y/N): _____

pH Sampling Required This Inspection? (Y/N): _____

BMP ID / Location	BMP Type (Ecology Manual)	Condition (G/F/P)	Sediment Accumulation	Maintenance or Repair Needed	Corrective Action & Co

Inspection Notes / Observations

I certify that this inspection was conducted in accordance with the Washington State Construction Stormwater General Permit (CSWGP).

Inspections must be performed at the frequency required by the CSWGP and documented in the project SWPPP.

CESCL / Inspector Signature _____ Date _____

Field Ready Checklist

- Map your BMPs and SWPPP elements included in construction phases
- Install your perimeters and access BMPs before major earthwork begins
- Material Staging:
  - Silt Fence, inlet protection, cover materials, spall for truck entrances, washout supplies
- Plan Storm Response:
  - Cover stockpiles, stabilize slopes, verify discharge points
- Coordinate sampling and monitoring points

Perimeter and Access Points

- Keep your sediment on site!
- Clearing Limits:
  - Temporary construction fence to mark disturbance boundaries
- Perimeter Protection:
  - Silt fence around disturbed areas
- Traffic area Stabilization:
  - Stabilized construction entrances
- Track-out control:
  - Wheel wash used as necessary

Erosion Control and Stabilization

- Cover Measures:
  - (e.g., plastic sheeting) when areas may be exposed
- Hydroseeding:
  - Creating vegetive covers when seasonally appropriate
- Soil Erosion Matting:
  - Supporting vegetation and protecting slopes
- Planning Ahead – improper application and timing can create downstream water quality issues

Sediment Control & Flow Management

- Check Dams:
  - Reduce velocity and erosion in conveyances
- Outlet Protection:
  - Reduce scouring and manage TSS downstream
- Sediment Controls:
  - Ponds, traps, filters
  - Often installed EARLY and maintained throughout grading

Concrete Washout: High Risk Pollutant Source

- Concrete wash has a very high pH and a high buffering capacity
- Washout discharge can harm vegetation and aquatic life
- Use dedicated, signed washout areas and prevent comingling with stormwater
  - Keep the washout contained and managed
- Inspect washout areas regularly and remove hardened material properly

When BMPs Need Backup: Active Treatment

- Upstream BMPs can support a site treatment system by reducing sediment load and stabilizing flows
- BMP C250
  - Construction Stormwater Chemical Treatment
    - Consolidate your side water into a pond or tanks for active treatment
- Decide Early:
  - Where to capture and consolidate water, treatment train components, and monitoring points

When BMPs Need Backup: Active Treatment

Inspections, Monitoring, and Keeping the SWPPP Current

- Inspect and maintain BMPs to ensure they perform as intended; repair as needed
- Example SWPPP inspection language:
  - Weekly inspections
  - Inspections within 24 hours of stormwater/non-stormwater discharges
- If a site is inactive and temporarily stabilized inspection frequency may drop to monthly
- CSWGP Special Conditions S3/S4/S9 for updating the SWPPP and conducting inspections and monitoring

Closeout:
Temporary BMP Removal & Final Stabilization

- Example SWPPP Language:
  - Remove temporary erosion and sediment control (TESC) BMPs within 30 days of final site stabilization or when no longer needed.
- Stabilize soils disturbed by BMP removal and manage trapped sediment (stabilize onsite or remove)
- Protect permanent stormwater BMPs from sediment and compaction during construction
  - Restore them if impactive

Thank You!!!

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