

THIS SECTION

THE PERMIT REQUIREMENTS

THE SWPPP

MONITORING

Adaptive Ada

2

#### THE ANATOMY OF THE PERMIT

#### **SPECIAL CONDITIONS**

- PERMIT COVERAGE
- APPLICATION REQUIREMENTS
- COMPLIANCE WITH STANDARDS
- MONITORING REQUIREMENTS
- REPORTING/RECORDKEEPING
- FEESDISPOSALSWPPP
- ETC.

3

#### **GENERAL CONDITIONS**

- DISCHARGE VIOLATIONS
- SIGNATORY REQUIREMENTS
- PERMIT MODIFICATIONS
- PENALTIES
- DUTY TO PROVIDE INFO
- REQUESTS FOR EXCLUSION
- ETC.

#### ACRONYMS — "PERMIT SPEAK"

- AKART IS AN ACRONYM FOR "ALL KNOWN, AVAILABLE, AND REASONABLE
  METHODS OF PREVENTION, CONTROL, AND TREATMENT" AKART REPRESENTS THE
  MOST CURRENT METHODOLOGY THAT CAN BE REASONABLY REQUIRED FOR
  PREVENTING, CONTROLLING, OR ABATING THE POLLUTANTS AND CONTROLLING
  POLLUTION ASSOCIATED WITH A DISCHARGE.
- BEST MANAGEMENT PRACTICES (BMPS) MEANS SCHEDULES OF ACTIVITIES, PROHIBITIONS OF PRACTICES, MAINTENANCE PROCEDURES, AND OTHER PHYSICAL, STRUCTUBAL AND/OR MANAGERIAL PRACTICES TO PREVENT OR REDUCE THE POLLUTION OF WATERS OF THE STATE. BMPS INCLUDE TREATMENT SYSTEMS, OPERATING PROCEDURES, AND PRACTICES TO CONTROL STORMWATER ASSOCIATED WITH CONSTRUCTION ACTIVITY, SPILLAGE OR LEAKS, SLUDGE OR WASTE DISPOSAL, OR DRAINAGE FROM RAW MATERIAL STORAGE.
- NOTICE OF INTENT (NOI) MEANS THE APPLICATION FOR, OR A REQUEST FOR COVERAGE UNDER THIS GENERAL PERMIT PURSUANT TO WAC 173-226-200.
- NOTICE OF TERMINATION (NOT) MEANS A REQUEST FOR TERMINATION OF COVERAGE UNDER THIS GENERAL PERMIT AS SPECIFIED BY SPECIAL CONDITION \$10 OF THIS PERMIT.

4

#### ACRONYMS - "PERMIT SPEAK"

- STORMWATER MANAGEMENT MANUAL (SWMM) OR MANUAL MEANS THE TECHNICAL MANUAL PUBLISHED BY ECOLOGY FOR USE BY LOCAL GOVERNMENTS THAT CONTAIN DESCRIPTIONS OF AND DESIGN CRITERIA FOR BMPS TO PREVENT, CONTROL, OR TREAT POLILIPATIS IN STORMWATER.
- STORMWATER POLLUTION PREVENTION PLAN (SWPPP) MEANS A DOCUMENTED PLAN TO IMPLEMENT MEASURES TO IDENTIFY, PREVENT, AND CONTROL THE CONTAMINATION OF POINT SOURCE DISCHARGES OF STORMWATER.
- TOTAL MAXIMUM DAILY LOAD (TMDL) MEANS A CALCULATION OF THE MAXIMUM AMOUNT OF A POLLUTANT THAT A WEREBODY CAN RECEIVE AND STILL MEET STATE WARE ROULTLY STANDARDS, PERCENTAGES OF THE TOTAL MAXIMUM DAILY LOAD ARE ALLOCATED TO THE VARIOUS POLLUTANT SOURCES, A TIMDL IS THE SUM OF THE ALLOWABLE LOADS OF A SINGLE POLLUTANT FROM ALL CONTRIBUTING POINT AND NONPOINT SOURCES. THE TMD CALCULATIONS MUST INCLUDE A "MARKIN OF SAFETY" TO ENSURE THAT THE WATERBODY CAN BE PROTECTED IN CASE THERE ARE UNFORSEEN EVENTS OR UNKNOWN SOURCES OF THE POLLUTANT. THE CALCULATION MUST ALSO ACCOUNT FOR SEASONABLE VARIATION IN WATER CUILITIN.
- TRANSFER OF COVERAGE (TOC) MEANS A REQUEST FOR TRANSFER OF COVERAGE UNDER THIS
  GENERAL PERMIT AS SPECIFIED BY SPECIAL CONDITION S2.A OF THIS PERMIT.

#### DEFINITIONS

Benchmark means a pollutant concentration used as a permit threshold, below which a pollutant is considered unlikely to cause a water quality violation, and above which it may. When pollutant concentrations exceed benchmarks, corrective action requirements take effect. Benchmark values are not water quality standards and are not numeric effluent limitations; they are indicator values.

Chemical Treatment means the addition of chemicals to stormwater and/or authorized non-stormwater prior to filtration and discharge to surface waters.

Construction Activity means land disturbing operations including clearing, grading or excavation which disturbs the surface of the land. Such activities may include road construction, construction of residential houses, office buildings, or industrial buildings, site preparation, soil compaction, movement and stockpilling of topsoils, and demolition activity.

5

#### **DEFINITIONS**

Stabilization means the application of appropriate BMPs to prevent the erosion of soils, such as, temporary and permanent seeding, vegetative covers, mulching and matting, plastic covering and sodding. See also the definition of Erosion and Sediment Control BMDs.

Final Stabilization (same as fully stabilized or full stabilization) means the establishment of a permanent vegetative cover, or equivalent permanent stabilization measures (examples of permanent non-vegetative stabilization methods include, but are not limited to riprap, gabions or geotextiles) which prevents erosion.

**DEFINITION** 

**OPERATOR** MEANS ANY PARTY ASSOCIATED WITH A CONSTRUCTION PROJECT THAT MEETS EITHER OF THE FOLLOWING TWO CRITERIA:

- THE PARTY HAS OPERATIONAL CONTROL OVER CONSTRUCTION PLANS AND SPECIFICATIONS, INCLUDING THE ABILITY TO MAKE MODIFICATIONS TO THOSE PLANS AND SPECIFICATIONS; OR
- THE PARTY HAS DAY-TO-DAY OPERATIONAL CONTROL OF THOSE ACTIVITIES AT A PROJECT THAT ARE NECESSARY TO ENSURE COMPLIANCE WITH A SWPPP FOR THE SITE OR OTHER PERMIT CONDITIONS (E.G., THEY ARE AUTHORIZED TO DIRECT WORKERS AT A SITE TO CARRY OUT ACTIVITIES REQUIRED BY THE SWPPP OR COMPLY WITH OTHER PERMIT CONDITIONS).

PERMITTEE MEANS INDIVIDUAL OR ENTITY THAT RECEIVES NOTICE OF COVERAGE UNDER THIS GENERAL PERMIT.

7

8

#### **DEFINITIONS**

Responsible Corporate Officer for the purpose of signatory authority means: (i) a president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy- or decision-making functions for the corporation, or (ii) the manager of one or more manufacturing, production, or operating facilities, provided, the manager is authorized to make management decisions which govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long term environmental compliance with environmental laws and regulations; the manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures (40 CFR 122.22).

S1. PERMIT COVERAGE

- WHO IS REQUIRED TO GET A PERMIT AND WHO IS EXEMPT
- ALLOWABLE DISCHARGES
  - CONSTRUCTION SITE STORMWATER
  - CONDITIONALLY APPROVED NON-STORMWATER
- PROHIBITED DISCHARGES

9

10

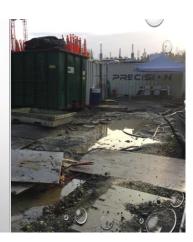
#### WHO IS REQUIRED TO OBTAIN A PERMIT?

OPERATORS OF THE FOLLOWING CONSTRUCTION ACTIVITIES ARE REQUIRED TO SEEK COVERAGE UNDER THIS CSWGP:

- CLEARING, GRADING AND/OR EXCAVATION THAT RESULTS IN THE DISTURBANCE OF ONE OR MORE ACRES (INCLUDING OFF-SITE DISTURBANCE ACREAGE RELATED TO CONSTRUCTION-SUPPORT ACTIVITY AS AUTHORIZED IN \$1.2 JAND DISCHARGES TO STORMWATER TO SUBFACE WATERS OF THE STATE, AND CLEARING, GRADING AND/OR EXCAVATION ON SITES SMALLER THAN ONE ACRE THAT ARE PART OF A LARGER COMMON PLAN OF DEVELOPMENT OR SALE, IF THE COMMON PLAN OF DEVELOPMENT OR SALE WILL ULTIMATELY DISTURB ONE ACRE OR MORE AND DISCHARGE STORMWATER TO SUBFACE WATERS OF THE STATE.
  - THIS CATEGORY INCLUDES FOREST PRACTICES (INCLUDING, BUT NOT LIMITED TO, CLASS IV CONVERSIONS) THAT ARE PART OF A CONSTRUCTION ACTIVITY THAT WILL RESULT IN THE DISTURBANCE OF ONE OR MORE ACCES, AND DECLARAGE TO SURFACE WATERS OF THE STATE (THAT IS, FOREST PRACTICES THAT PREPARE A SITE FOR CONSTRUCTION ACTIVITIES); AND
- ANY SIZE CONSTRUCTION ACTIVITY DISCHARGING STORMWATER TO WATERS OF THE STATE THAT
  THE WASHINGTON STATE DEPARTMENT OF ECOLOGY (ECOLOGY):
  - DETERMINES TO BE A SIGNIFICANT CONTRIBUTOR OF POLLUTANTS TO WATERS OF THE STATE OF WASHINGTON.
  - REASONABLY EXPECTS TO CAUSE A VIOLATION OF ANY WATER QUALITY STANDARD.

CONSTRUCTION SUPPORT ACTIVITY

MEANS OFF-SITE ACREAGE THAT WILL BE DISTURBED AS A DIRECT RESULT OF THE CONSTRUCTION PROJECT AND WILL DISCHARGE STORMWATER. FOR EXAMPLE, OFF-SITE EQUIPMENT STAGING YARDS, MATERIAL STORAGE AREAS, BORROW AREAS, AND PARKING AREAS.



11 12

# **COMMON PLAN OF DEVELOPMENT OR SALE** Means a site where multiple separate and distinct construction activities may be taking place at different times on different schedules and/or by different contractors, but still under a single plan. Examples include: 1) PHASED PROJECTS AND PROJECTS WITH MULTIPLE FILINGS OR LOTS, EVEN IF THE SEPARATE PHASES OR FILINGS/LOTS WILL BE CONSTRUCTED UNDER SEPARATE CONTRACT OR BY SEPARATE COWNERS (E.G., A DEVELOPMENT WHERE LOTS ARE SOLD TO SEPARATE BUILDERS); A DEVELOPMENT PLAN THAT MAY BE PHASED OVER MULTIPLE YEARS, BUT IS STILL UNDER A CONSISTENT PLAN FOR LONG-TERM DEVELOPMENT; 3) PROJECTS IN A CONTIGUOUS AREA THAT MAY BE UNRELATED BUT STILL UNDER THE SAME CONTRACT, SUCH AS CONSTRUCTION OF A BUILDING EXTENSION AND A NEW PARKING LOT AT THE SAME FACILITY; AND DEVELOPMENT OR SALE, THE DISTURBED AREA OF THE ENTIRE PLAN MUST BE USED IN DETERMINING PERMIT REQUIREMENTS.

AUTHORIZED NON-STORMWATER THE CATEGORIES AND SOURCES OF NON-STORMWATER DISCHARGES IDENTIFIED BELOW ARE AUTHORIZE CONDITIONALLY PROVIDED THE DISCHARGE IS CONSISTENT WITH THE TERMS AND CONDITIONS OF THIS PERMIT: UNCONTAMINATED GROUNDWATER OR SPRING WATER. LINCONTAMINATED EXCAVATION DEWATERING WATER (IN ACCORDANCE WITH SQ D 10). UNCONTAMINATED DISCHARGES FROM FOUNDATION OR FOOTING DRAINS

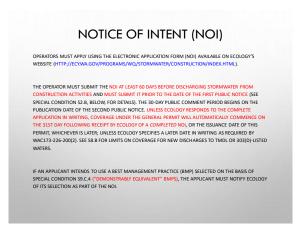
13 14



**PROCESS** WATER MANAGEMENT PROCESS WASTEWATER ME ANS ANY NON-STORMWATER WHICH, DURING MANUJACTURING OR PROCESSING, COMES INTO DIRECT CONTACT WITH OR RESULTS FROM THE PRODUCTION OR USE OF ANY RAW MATERIAL, INTERMEMENT PRODUCT, FINSHOED PRODUCT, FINSHOED PRODUCT, FINSHOED PRODUCT, FINSHOED PRODUCT, FINSHOED WASTE PRODUCT, FINSHOED WATER COMMINICES WITH PROCESS WASTEWATER, THE COMMINICES WATER SC CONSIDERED PROCESS WASTEWATER, THE COMMINICES WATER SC CONSIDERED PROCESS

16 15





17 18

# **PUBLIC NOTICE** FOR NEW OR PREVIOUSLY UNPERMITTED CONSTRUCTION ACTIVITIES, THE APPLICANT MUST PUBLISH A PUBLIC NOTICE AT LEAST DOR TIME EACH WEEK FOR TWO CONSECUTIVE WEEKS, AT LEAST 7 DAYS APART, IN A NEWSPAPERWITH GENERAL CRUZIANTON THE COLUMN'T WHERE THE CONSTRUCTION IS TO TAKE PLACE. THE NOTICE MUST BE RUN AFTER THE NO! HAS BEEN SUBMITTED AND MUST CONTAIN: A STATEMENT THAT "THE APPLICANT IS SEEKING COVERAGE UNDER THE WASHINGTON STATE DEPARTMENT OF ECOLOGY'S CONSTRUCTION STORMWATER NPDES AND STATE WASTE DISCHARGE GENERAL PERMIT." THE NAME ADDRESS AND LOCATION OF THE CONSTRUCTION SITE. THE NAME AND ADDRESS OF THE APPLICANT. THE TYPE OF CONSTRUCTION ACTIVITY THAT WILL RESULT IN A DISCHARGE (FOR EXAMPLE, RESIDENTIAL CONSTRUCTION, COMMERCIAL CONSTRUCTION, ETC.), AND THE TOTAL NUMBER OF ACRES TO BE DISTURBED OVER THE LIFETIME OF THE PROJECT. THE NAME OF THE RECEIVING WATER(S) (THAT IS, THE SUBFACE WATER(S) TO WHICH THE SITE WILL DISCHARGE), OR, IF THE DISCHARGE IS THROUGH A STORM SEWER YSTEM, THE NAME OF THE OPERATION OF THE SYSTEM AND THE RECEIVING WATER(S) THE SYSTEM DISCHARGES TO. THE STATEMENT ANY PERSONS DESIRING TO PRESENT THEIR VIEWS TO THE WASHINGTON STATE DEPARTMENT OF ECOLOGY PRESENTATION, OR INTERESTED IN ECOLOGY ACTION ON THIS APPLICATION, AND NOTIFY ECOLOGY PRESENTATION OF THE PROPERTY AND IN THE OWNERHOUSE PULLED WITEREST ACCORDING TO THEIR ATTORNATION FOR THE PROPERTY OF THE PROPERTY

19

#### CONTAMINATED SITE APPLICATION **REQUIREMENTS**

- CONTAMINATED SITES (SOIL AND/OR GROUNDWATER) REQUIRE ADDITIONAL INFORMATION SUCH AS:
  - NATURE & EXTENT OF THE CONTAMINATION
    - · LIST OR TABLE OF KNOWN CONTAMINANTS
    - . MAP WITH SAMPLE LOCATIONS
  - STORMWATER & DEWATERING MANAGEMENT PLAN
    - TESC
    - SWPPP EXCERPTS
    - DEWATERING PLAN OR CONTINGENCY PLAN

20



Applying for a Notice of Intent (NOI) thru SAW
vice "Matter Quality Permitting Portal (MOXWebPortal)"
the home page (citic on Permit Coverage Rehenwal-Motice of Intent (NOI)
If this is a NEW permit, please click on "New" for Construction Stormwater General Permit

You will then be required to enter data for the following:

Contact Info

Satu/Project Info

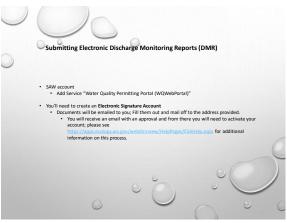
Situ/Project Info

Discharge Location

NOI Info

SEPA

Public Notice



**CONTAMINANTS** ARE DISCOVERED G6 – MODIFICATION OF PERMIT ADMIN ORDER (including the discovery of contaminated soils and/or

23 24

4

#### WHAT CESCLS NEED TO KNOW ABOUT **ADMIN ORDERS**

- ORDERS MAY INCLUDE SITE SPECIFIC BMPS
  - CAPTURE, CONTAIN, & TREAT WATER PRIOR TO DISCHARGE
    - OR SAMPLE TO DETERMINE TREATMENT IS NOT NECESSARY
  - ROUTING OF SOME STORMWATER OR DEWATERING WATER TO SANITARY OR VAC TRUCK
- ADDITIONAL SAMPLING FOR CONSTITUENTS OF CONCERN
- ON THE "CONTAMINATED WATER ON CONSTRUCTION SITES"
  - FREQUENTLY ASKED QUESTIONS
  - RESOURCES (WQ STANDARDS, TREATMENTS)

https://ecology.wa.gov/Regulations-Permits/Guidance-technicalassistance/Stormwater-permittee-guidance-resources/Contaminated-water-onconstruction-sites

25 26

# MODIFICATION OF COVERAGE PERMITTEES MUST NOTIFY ECOLOGY REGARDING ANY CHANGES TO THE INFORMATION PROVIDED ON THE OI BY SUBMITTING AN UPDATE/MODIFICATION OF PERMIT COVERAGE FORM IN ACCORDANCE WI GENERAL CONDITIONS G6 AND G19. EXAMPLES OF SUCH CHANGES INCLUDE, BUT ARE NOT LIMITED TO: · CHANGES TO THE PERMITTEE'S MAILING ADDRESS, CHANGES TO THE ON-SITE CONTACT PERSON INFORMATION, AND CHANGES TO THE AREA/ACREAGE AFFECTED BY CONSTRUCTION ACTIVITY.

#### WAIVER POTENTIAL

This waiver is not available for facilities declared significant contributors of pollutants as defined in Special Condition S1.B.1.b. or for any size construction activity that could reasonably expect to cause a violation of any water quality standard as defined in Special Condition S1.B.1.b.ii

**COMPLIANCE WITH STANDARDS** 

- SPECIAL CONDITION S3
- MUST USE AKART IN SWPPP
- CAN NOT VIOLATE STANDARDS
  - SURFACE WATER QUALITY (WAC 173-201A)
  - GROUND WATER STANDARDS (WAC 173 200)
  - SEDIMENT MANAGEMENT STANDARDS (WAC 173 204)
  - UNDERGROUND INJECTION CONTROL (UIC) (WAC 173-218)

27 28



#### S7. SOLID AND LIQUID WASTE DISPOSAL

THE PERMITTEE MUST HANDLE AND DISPOSE OF 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

S8. DISCHARGES TO TMDLS OR 303(D)

SAMPLING AND NUMERIC EFFLUENT LIMITS FOR CERTAIN DISCHARGES TO 303(D)-LISTED WATERBODIES

- PERMITTEES WHO DISCHARGE TO SEGMENTS OF WATER BODIES LISTED AS IMPAIRED UNDER SECTION 303(D) OF THE CLEAN WATER ACT FOR TURBIDITY, FINE SEDIMENT, HIGH PH, OR PHOSPHORUS, MUST CONDUCT WATER QUALITY SAMPLING
- LIMITS NOT BENCHMARKS

29 30





# STORMWATER POLLUTION PREVENTION PLAN (SWPPP) • WHAT IS A SWPPP? • HOW DO I CREATE ONE?

HOW DO I CREATE

- TEMPLATE
- CHECKLISTS



The Living Document!

32

## DEFINITION OF A SWPPP

- A DOCUMENTED PLAN TO IMPLEMENT MEASURES TO IDENTIFY, PREVENT AND CONTROL THE CONTAMINATION OF POINT SOURCE DISCHARGES OF STORMWATER.
- POLLUTANTS
  - TURBIDITY
  - PH
  - HYDROCARBONS
  - OTHER MATERIALS BROUGHT ON SITE



33

SWPPP IS A LIVING DOCUMENT

ADAPTIVE MANAGEMENT

When monitoring indicates a problem, take appropriate action

Making changes and amendments to the SWPPP is one of the most important keys to staying in compliance.

34

#### WHEN DO YOU NEED ONE?

 PRIOR TO STORMWATER OR APPROVED NON-STORMWATER DISCHARGE OF CONSTRUCTION RELATED ACTIVITY

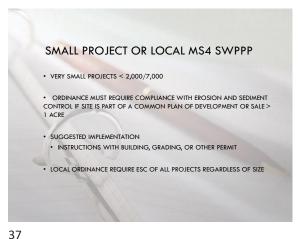
No Plan -> No Construction

Know your plan -> Start your construction

#### **SWPPP OBJECTIVES**

- IMPLEMENT AND IDENTIFY BMPS (BEST MANAGEMENT PRACTICES)
   THAT WILL BE USED TO MANAGE POLLUTANTS
- 2. PREVENT VIOLATIONS OF PERMIT BENCHMARKS OR STATE
  SURFACE WATER, GROUNDWATER OR SEDIMENT MANAGEMENT
  STANDARDS
- 3. CONTROL VOLUME AND VELOCITIES

35 36



WHAT DOES THE SWPPP CONTAIN? Ultimately Defines "Compliance" for the Project BEST MANAGEMENT PRACTICES (BMPS)

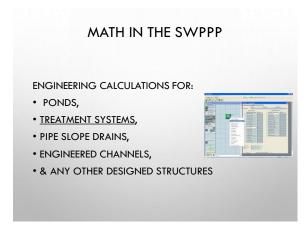
38



**PLAN FOR** MITIGATING **RISK**  PRESERVE EXISTING VEGETATION, ESPECIALLY NEAR SENSITIVE SURFACE WATERS DIVERT UPLAND AND OFF-SITE WATER AROUND EXPOSED SOIL AND ACTIVE CONSTRUCTION STABILIZE AND COVER EXPOSED AREAS ASAP PROTECT SLOPES AND CHANNELS FROM FROSION MAINTAIN PROJECT BOUNDARIES WHAT IF??? – PROACTIVE ADAPTIVE MANAGEMENT

40

39



**SWPPP MODIFICATIONS** THE PERMITTEE MUST MODIFY THE SWPPP IF, DURING INSPECTIONS OR INVESTIGATIONS CONDUCTED BY THE OWNER/OPERATOR, OR THE APPLICABLE LOCAL OR STATE REGULATORY AUTHORITY, IT IS DETERMINED THAT THE SWPPP IS, OR WOULD BE, INEFFECTIVE IN ELIMINATING OR SIGNIFICANTLY MINIMIZING POLLUTANTS IN STORMWATER DISCHARGES FROM THE SITE. THE PERMITTEE MUST THEN REVIEW THE SWPPP FOR COMPLIANCE WITH SPECIAL CONDITION S9 AND MAKE APPROP REVISIONS WITHIN 7 DAYS OF THE INSPECTION OR INVESTIGATION IMMEDIATELY BEGIN THE PROCESS TO FULLY IMPLEMENT AND MAINTAIN APPROPRIATE SOURCE CONTROL AND/OR TREATMENT BMPS AS SOON AS POSSIBLE, ADDRESSING THE PROBLEMS NO LATER THAN 10 DAYS FROM THE INSPECTION OR INVESTIGATION. IF INSTALLATION OF NECESSARY TREATMENT BMPS IS NOT FEASIBLE WITHIN 10 DAYS, ECOLOGY MAY APPROVE ADDITIONAL TIME WHEN AN EXTENSION IS REQUESTED BY A PERMITTEE WITHIN THE INITIAL 10-DAY RESPONSE PERIOD. DOCUMENT BMP IMPLEMENTATION AND MAINTENANCE IN THE SITE LOG BOOK THE PERMITTEE MUST MODIFY THE SWPPP 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.

41 42

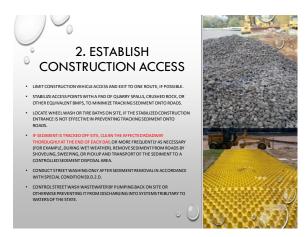
# 13 ELEMENTS OF A SWPPP

- 1. MARK CLEARING LIMITS
- 2. ESTABLISH CONSTRUCTION ACCESS
- 3. CONTROL FLOW RATES
- 4. INSTALL SEDIMENT CONTROLS
- 5. STABILIZE SOILS
- 6. PROTECT SLOPES

- 7. PROTECT DRAIN INLETS
- 8. STABILIZE CHANNELS AND **OUTLETS**
- 9. CONTROL POLLUTANTS
- 10. CONTROL DE-WATERING
- 11. MAINTAIN BMPS
- 12. MANAGE THE PROJECT
- 13. PROTECT LID BMPS



43 44



3. CONTROL FLOW **RATES** PROTECT PROPERTIES AND WATERWAYS DOWNSTREAM OF CONSTRUCTION SITES FROM EROSION AND THE ASSOCIATED DISCHARGE OF TURBID WATERS DUE TO INCREASES IN THE VELOCITY AND PEAK VOLUMETRIC FLOW RATE OF STORMWATER RUNOFF FROM THE PROJECT SITE, AS REQUIRED BY LOCAL PLAN APPROVAL WHERE NECESSARY TO COMPLY WITH SPECIAL CONDITION S9.D.3.A, ONE OF THE FIRST STEPS IN GRADING. ASSURE THAT DETENTION BMPS FUNCTION PROPERLY BEFORE CONSTRUCTING SITE IMPROVEMENTS (FOR EXAMPLE, IMPERVIOUS SURFACES).

45 46



#### 4. INSTALL SEDIMENT **CONTROLS**

- CONSTRUCT SEDIMENT CONTROL BMPS (SEDIMENT PONDS, TRAPS, FILTERS, INFILTRATION FACILITIES, ETC.) AS ONE OF THE FIRST STEPS IN GRADING. THESE BMPS MUST BE FUNCTIONAL BEFORE OTHER LAND DISTURBING ACTIVITIES TAKE
- MINIMIZE SEDIMENT DISCHARGES FROM THE SITE. THE DESIGN, INSTALLATION AND MAINTENANCE OF EROSION AND SEDIMENT CONTROLS MUST ADDRESS FACTORS SUCH AS THE AMOUNT, FREQUENCY, METERISTY AND DURINGTON OF PRECIPITATION, THE NATURE OF RESULTING STORMWATER RUNNOFF, AND SOIL CHARACTERISTICS, NICLUDING THE RANGE OF SOIL DAYLORE SUSSESSIES OF DEPRESENT ON THE
- 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 PULLY STABILIZED AREAS MAY BE DISCHARGED WITHOUT A SEDIMENT REMOVAL BMP, BUT MUST MEET THE FLOW CONTROL PERFORMANCE STANDARD OF SPECIAL CONDITION S9.D.3.A.
- LOCATE BMPS INTENDED TO TRAP SEDIMENT ON SITE IN A MANNER TO AVOID INTERFERENCE WITH THE MOVEMENT OF JUVENILE SALMONIDS ATTEMPTING TO ENTER OFF-CHANNEL AREAS OR DRAINAGES.
- PROVIDE AND MAINTAIN NATURAL BUFFERS AROUND SURFACE WATERS, DIRECT STORMWATER TO VEGETATED AREAS TO INCREASE SEDIMENT REMOVAL AND MAXIMIZE STORMWATER SPITE TATION, UNLESS IN PESSABLE.

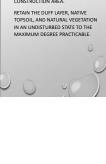
  WHERE FEASIBLE, DESIGN OUTLET STRUCT URES THAT WITHDRAW IMPOUNDED

#### 5. STABILIZE SOILS

THE PERMITTEE MUST STABILIZE EXPOSED AND UNWORKED SOILS BY THE PERMITTER MUST STABLES EMPSEAR MY BENEFIT FOR THE WEST THE MEMORY AND PERMANENT SEEDING, SODDING, MULCHER, DE MONTH OF THE MEMORY AND PERMANENT SEEDING, SODDING, MULCHER, DE MONTH OF THE MEMORY THE MEMORY

- THE PERMITTEE MUST CONTROL STORMWATER VOLUME AND VELOCITY WITHIN THE SITE TO MINIMIZE SOIL EROSION.
- THE PERMITTEE 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.
- THE PERMITTEE MUST STABILIZE SOILS AT THE END OF THE SHIFT BEFORE A HOLIDAY OR WEEKEND IF NEEDED BASED ON THE WEATHER FORECAST.
- THE PERMITTEE MUST STABILIZE SOIL STOCKPILES FROM EROSION, PROTECTEE
  WITH SEDIMENT TRAPPING MEASURES, AND WHERE POSSIBLE, BE LOCATED
  AWAY FROM STORM DRAIN INLETS, WATERWAYS, AND DRAINAGE CHANNELS.
- THE PERMITTEE MUST MINIMIZE THE AMOUNT OF SOIL EXPOSED DURING
- THE PERMITTEE MUST MINIMIZE THE DISTURBANCE OF STEEP SLOPES.
- THE PERMITTEE MUST MINIMIZE SOIL COMPACTION AND, UNLESS INFEASIBLE PRESERVE TOPSOIL.

47 48



#### STABILIZATION OF UNWORKED SOILS

#### 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 WET SEASON (OCTOBER 1 -JUNE 30): 5 DAYS
- DURING THE DRY SEASON (JULY 1 -SEPTEMBER 30): 30 DAYS
- DURING THE WET SEASON (OCTOBER 1 -JUNE 30): 15 DAYS





#### 6. PROTECT SLOPES

THE PERMITTEE MUST DESIGN AND CONSTRUCT CUT-AND-FILL SLOPES IN A MANNER TO MINIMAZE EROSION. APPLICABLE PRACTICES INCLUDE, BUT ARE NOT IMMITED TO, REDUCING CONTINUOUS LENGTH OF SLOPE WITH TERRACING AND DIVERSIONS, REDUCING SLOPE STEEPINESS, AND ROUGHENING SLOPE SURFACES (FOR EXAMPLE, TRACK

- THE PERMITTE MUST DIVERT OFF-SITE STORMWATER (RUN-ON) OR GROUNDWATER AWAY FROM SLOPES AND DISTURBED AREAS WITH INTERCEPTOR DIKES, PIPES, AND/OR SWALLES. OFF-SITE STORMWATER SHOULD BE MANAGED SEPARATELY FROM STORMWATER GENERATED ON THE SITE.

50

49

51





. DESIGN, CONSTRUCT AND STABILIZE ALL ON-SITE CONVEYANCE CHANNELS TO PREVENT **EROSION FROM THE FOLLOWING EXPECTED** PEAK FLOWS: SIZING CRITERIA

• 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.





### 9. CONTROL POLLUTANTS

- DLE AND DISPOSE OF ALL POLLUTANTS, INCLUDING WASTE MATERIALS AND OUTTON DEBRIS THAT OCCUR ON SITE IN A MANNER THAT DOES NOT CAUSE
- OVIDE COVER, CONTAINMENT, AND PROTECTION FROM VAN PROVIDE COVER, CONTARNAMENT, AND PROTECTION REPORT VARIOUSS OF OR ALL STATES. THAT 
  FORMICALS, LIQUID PRODUCTS, HEFDILLAND PRODUCTS, AND OTHER MATERIALS, THAT 
  HAVE THE POTENTIAL TO POSE A PHEED AT TO HUMAN HARLIN OR THE EMPTORMENT. 
  MINIMIZE STORAGE OF HUMANDOUS STREAMED ON SHITE, METTY DATA SHETE'S (SOI) 
  SHOULD BE SUPPLIED ONE ALL MATERIALS ON SHITE, METTY DATA SHETE'S (SOI) 
  SHOULD BE SUPPLIED ONE ALL MATERIALS ON SHITE AND HEAD AS SHOULD SHOULD BE SHOULD SHOULD
- LOOP RECIRCULATION OR UPLAND LAND APPLICATION, OR TO THE SANITARY SEWER WITH LOCAL SEWER DISTRICT APPROVAL.

52

#### **CONCRETE WASTEWATER**

USE BMPS TO PREVENT CONTAMINATION OF STORMWATER RUNOF BY PH-MODIFYING SOURCES. THE SOURCES FOR THIS CONTAMINATION INCLUDE, BUT ARE NOT LIMITED TO: BULK CEMENT, CEMENT CLEW DUST, FLY ASH, NEW CONCRETE WASHING AND CURING WATERS, RECYCLED CONCRETE TO SCHAFFLE, WASHING AND CURING WATERS FLORED FROM CONCRETE REGNEDING AND SAMING, EXPOSED AGGERGATE PROCESSES, DEWNETRING CONCRETE VALUETS, CONCRETE PULMPING AND MIXER WASHOUT WATERS, LASO, DEFERED THE DEPARTMENT ONE "CONCRETE WASHINGTHE PULMPING AND MIXER WASHOUT WATERS, LASO, DEFERED THE DEPARTMENT ONE "CONCRETE WASHINGTHE" IN APPORTMENT A PERMITMENT.

- ADJUST THE PH OF STORMWATER OR AUTHORIZED NON-STORMWATER IF NECESSARY TO PREVENT AN EXCEEDANCE OF WATER AND/OR SURFACE WATER QUALITY STANDARDS.
- ASSURE THAT WASHOUT OF CONCRETE TRUCKS IS PERFORMED OFF-SITE OR IN DESIGNATED CONCRETE WASHOUT AREAS ONLY. DO NOT WASH OUT OF CONCRETE TRUCK DRUMS ONTO THE GROWNEN, DO RIND TO SMAD MEMSIS, OPEN INTOTEST, STREAMS, OPEN INTOTEST, OPEN IN A FORMER DAREA MANATIFE CONCRETE WHERE IT WILL NOT CONTAMINATE SURFACE, OR GROUNDERS DO NOT DURING EXCESS CONCRETE ON STREAMS. OF CONCRETE SHADED, OR CONCRETE SHADED CONCRETE MASHED CONC AND AND AND ACE WATERS OF THE STATE IS PROHIBITED. AT NO TIME SHALL CONCRETE BE WASHE INTO F AN AREA WHERE AN INFILTRATION BMP WILL BE INSTALLED.
- OBTAIN WRITTEN APPROVAL FROM ECOLOGY BEFORE USING ANY CHEMICAL TREATMENT, WITH THE EXCEPTION OF CO2, DR
- UNCONTAMINATED WATER-FROM WATER-ONLY BASED SHAFT DRILLING FOR CONSTRUCTION OF BUILDING, ROAD, AND
  BRIDGE FOUNDATIONS MAY BE INFLITAGED PROVIDED THE WASTEWATERS MANAGED IN A WAY THAT PROHIBITS
  DISCHARGE TO SURFACE WATERS, PRIOR TO INFLITATION, WATER FROM WATER-ONLY BASED SHAFT DRILLING THAT COMES
  INTO CONTACT WITH CURRING CONCRETE MUST BE NEUTRALIZED UNITE PH IS IN THE RANGE OF 6.5 TO 8.5 SUJI.

53 54



# CONCRETE WASTEWATER MEANS ANY WATER USED IN THE PRODUCTION, POURING AND/OR CLEAN-UP OF CONCRETE OR CONCRETE PRODUCTS, AND AIRY WATER USED TO CUT, GRIND, WASH, OR OTHERWISE MODIFY CONCRETE OR CONCRETE PRODUCTS, EARLY CONCRETE OR CONCRETE PRODUCTS, EARLY CONCRETE OR CONCRETE TRUCK/MIXER/PUMPER/TOOL/CHUTE RINSING OR WASHING, CONCRETE SAW CULTING AND SURFACING (SAWING, CONCRETE) AND UTHING AND SURFACING (SAWING, CONCRETE) AND UTHING AND SURFACING (SAWING, CONCRETE) AND ROAD SURFACING, WHEN STORMWATER COMINGES WITH CONCRETE WASTEWATER THE RESULTING WATER IS CONSIDERE DONCRETE WASTEWATER AND MUST BE MANAGED TO PREVENT DISCHARGE TO WATERS OF THE STATE, INCLUDING GROUNDWATER.



55 56





57





59 60







ble 2 Summary of Required On-site Documentation  Document Title	Permit Conditions
Permit Coverage Letter	See Conditions S2 S5
-	
Construction Stormwater General Permit (CSWGP)	See Conditions S2, S5
Site Log Book	See Conditions S4, S5
Stormwater Pollution Prevention Plan (SWPPP)	See Conditions S5, S9
Site Map	See Conditions S5, S9

63 64

NOTICE OF TERMINATION (NOT)
HE SITE IS ELIGIBLE FOR TERMINATION OF COVERAGE WHEN IT HAS MET <b>any of the following</b> Onditions:
THE SITE HAS UNDERGONE FINAL STABILIZATION, THE PERMITTEE HAS REMOVED ALL TEMPORARY BMPS (EXCEPT BIODEGRADABLE BMPS CLEARLY MANUFACTURED WITH THE INTENTION FOR THE MATERIAL TO BE LEFT IN PLACE AND NOT INTERFERE WITH MAINTENANCE OR LAND USE, AND CALL STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY HAVE BEEN ELIMINATED; OR ALL PORTIONS OF THE SITE THAT HAVE NOT UNDERGONE FINAL STABILIZATION PERS SPECIAL CONDITION SIDLAL HAVE BEEN SUD AND/OR TRANSFERRED [PER SPECIAL CONDITION S 2.1], AND THE PERMITTEE NO LONGER HAS OPERATIONAL CONTROL OF THE CONSTRUCTION ACTIVITY; OR
FOR RESIDENTIAL CONSTRUCTION ONLY, THE PERMITTEE HAS COMPLETED TEMPORARY STABILIZATION AND THE HOMEOWNERS HAVE TAKEN POSSESSION OF THE RESIDENCES.
Permittees are required to comply with all conditions and effluent limitations in the permit will the permit has been terminated.



65 66

#### NON COMPLIANCE

In the event the Permittee is unable to comply with any part of the terms and conditions of this permit, and the resulting noncompliance may cause a threat to human health or the environment, or exceed numeric effluent limitations, the Permittee must, upon becoming aware of the circumstance:

- 1. Notify Ecology within 24-hours of the failure to comply by calling the applicable Regional office ERTS phone number
- 2. Submit a detailed written report to Ecology within five (5) days of the time the Permittee 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.

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.

67 68

#### RESPONSIBLE CORPORATE OFFICER

CORPORATIONS REQUIRE SIGNATURE BY A RESPONSIBLE CORPORATE OFFICER

- PERSON WHO PERFORMS POLICY OR DECISION-MAKING FUNCTIONS FOR THE CORPORATION (SUCH AS PRESIDENT, VICE PRESIDENT, SECRETARY, TREASURER, ETC.)
- MANAGER OF 1 OR MORE MANUFACTURING, PRODUCTION, OR OPERATING FACILITIES (PROVIDED THEY HAVE DECISION MAKING

#### SWPPP TEMPLATE - COVER PAGE

**G2 AUTHORIZATION** 

IN THE CASE OF A MUNICIPAL, STATE, OR OTHER PUBLIC FACILITY, BY EITHER A PRINCIPAL EXECUTIVE OFFICER OR RANKING

ALL REPORTS REQUIRED BY THIS PERMIT AND OTHER INFORMATION REQUESTED BY ECOLOGY (INCLUDING NOIS, NOTS, AND

ALL PERMIT APPLICATIONS MUST BEAR A CERTIFICATION OF CORRECTNESS TO BE S IN THE CASE OF CORPORATIONS, BY A RESPONSIBLE CORPORATE OFFICER.
 IN THE CASE OF A PARTNERSHIP, BY A GENERAL PARTNER OF A PARTNERSHIP.

TRANSFER OF COVERAGE FORMS) MUST BE SIGNED BY A PERSON DESCRIBED ABOVE OR BY A DUREPRESENTATIVE OF THAT PERSON. A PERSON IS A DULY AUTHORIZED REPRESENTATIVE ONLY IF:

 THE AUTHORIZATION IS MADE IN WRITING BY A PERSON DESCRIBED ABOVE AND SUBMITTED TO ECOLOGY. THE AUTHORIZATION SPECIFIES EITHER AN INDIVIDUAL OR A POSITION HAVING RESPONSIBILITY FOR THE OVERALL OPERATION OF THE REGULATED FACILITY, SUCH AS THE POSITION OF FLANT MANAGER, SUPERINTENDENT, POSITION OF EQUIVALENT RESPONSIBILITY, OR AN INDIVIDUAL OR POSITION HAVING OVERALL RESPONSIBILITY FOR ENVIRONMENTAL

ANY PERSON SIGNING A DOCUMENT UNDER THIS SECTION MUST MAKE THE FOLLOWING CERTIFICATION:

I CERTIFY UNDER PRIVATIVO F.UM, THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION.

SUPERISSONIN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PRESONNEL PROPERLY GATHERED AND

SUPERISSONIN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PRESONNEL PROPERLY GATHERED AND

SUPERLY CONTROL OF THE SYSTEM OF THE

IN THE CASE OF SOLE PROPRIETORSHIP, BY THE PROPRIETOR.

MATTERS.

	Project Name	
	Project Address	
Permittee / Owner	Developer	Operator / Contractor
[Insert Name]	[Insert Name]	[Insert Name]
inscretaine		Inscribency
	CESCL	
Name	Organization	Contact Phone Number
(Inner of Alarma)	(Income Manage)	(Innert Manual

- Permit Number
- · SWPPP developed by

**Project Phase Schedule** Activity / Phase End Date

http://www.ecy.wa.gov/programs/wq/stormwater/construction/

69 70

#### TABLE OF CONTENTS

- 1. Existing Conditions
- Proposed Construction Activities
   Construction Stormwater Best Management Practices (BMPs)
  - 1. The 13 Elements
    - Element 1: Preserve Vegetation / Mark Clearing Limits
       Element 2: Establish Construction Access
    - 3. Flement 3: Control Flow Rates
    - Element 4: Install Sediment Controls
       Element 5: Stabilize Soils

    - 6. Element 6: Protect Slopes
      7. Element 7: Protect Drain Inlets
      8. Element 8: Stabilize Channels and Outlets
      9. Element 9: Control Pollutants

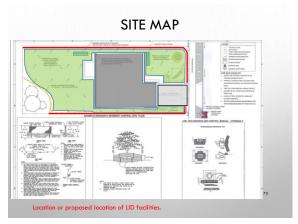
    - 10.Element 10: Control Dewatering 11.Element 11: Maintain BMPs

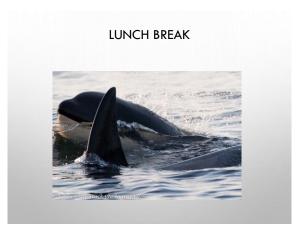
    - 12.Element 12: Manage the Project 13.Element 13: Protect LID

#### TABLE OF CONTENTS

- 3. Pollution Prevention Team
- 4. Monitoring and Sampling Requirements
- 4.1. Site Inspection
  4.2. Stormwater Quality Sampling
- 4.2.1 Turbidity Sampling
- 4.2.2 pH Sampling
  5 Discharges to 303(d) or Total Maximum Daily Load (TMDL) Waterbodies
- 5.1 303(d) Listed Waterbodies 5.2 TMDL Waterbodies 6 Reporting and Record Keeping
- 6.1 Record Keeping
  - 6.1.1 Site Log Book 6.1.2 Records Retention
  - 6.1.3 Updating the SWPPP
- 6.2 Reporting
  6.2.1 Discharge Monitoring Reports
  6.2.2 Notification of Noncompliance

71 72









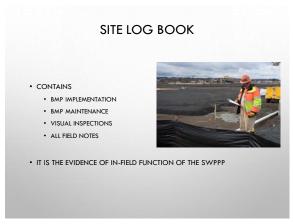




# CESCL SPECIFICATIONS THE CESCL SHALL HAVE AUTHORITY TO ACT ON BEHALF OF THE CONTRACTOR OR DEVELOPER AND SHALL BE AVAILABLE, OR ON CALL, 24 HRS PER DAY THROUGHOUT CONSTRUCTION How you contract matters!

"I CERTIFY UNDER PENALTY OF LAW, THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE ITHAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION SURVIVED IN THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS."

79 80



SITE INSPECTIONS

• DID YOU DO WHAT YOU SAID YOU WERE GOING TO DO?

• ARE THE BMPS IN THE SWPPP IN PLACE

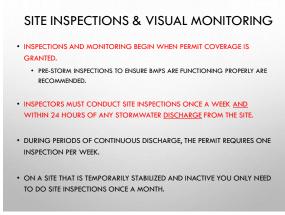
• IS WHAT YOU SAID YOU WERE GOING TO DO WORKING?

• ARE THE BMPS FUNCTIONING LIKE THEY SHOULD?

• ARE YOU ACHEVING COMPILANCE FOR YOUR

82

81





83 84







SAMPLING BENCHMARKS

• BENCHMARK - A STANDARD SOMETHING CAN BE MEASURED AGAINST.

• IN MOST SITUATIONS, DISCHARGE FROM A CONSTRUCTION SITE AT OR BELOW BENCHMARK WILL NOT CAUSE A WATER QUALITY VIOLATION.

88

87

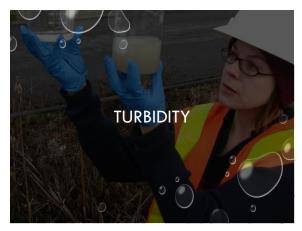
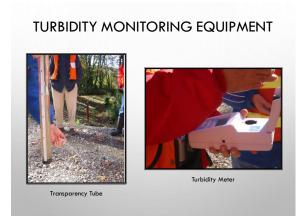


Table 3. Summary of Primary Monitoring Requirements

Size of Soil
Disturbance¹
Disturbance¹
Disturbance¹
Disturbance¹
Disturbance¹
Sites that disturb
Liess than 1 acre, but are part of a larger
Common Plan of
Development

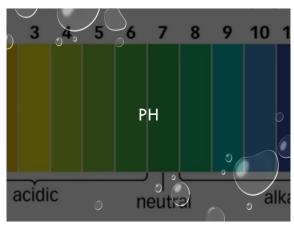
Required
Not Required
Yes

89 90







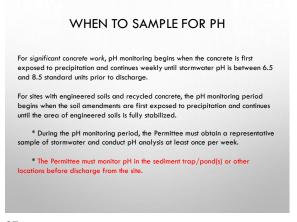


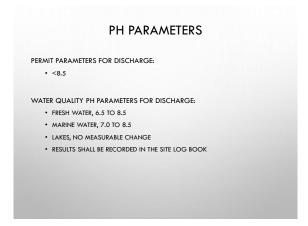
93 94



If construction activity results in the disturbance of 1 acre or more, and involves significant concrete work (significant concrete work means greater than 1000 cubic yards poured concrete or recycled concrete used over the life of a 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 Permittee must conduct pH sampling as set forth below.

95 96

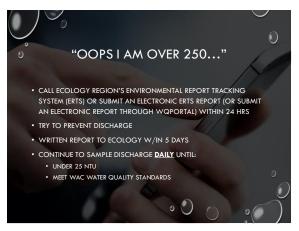






0 TURBIDITY AND PH BENCHMARKS TURBIDITY BENCHMARK VALUE IS 25 NTU DISCHARGES AT OR BELOW BENCHMARK TYPICALLY INDICATE THAT EROSION AND SEDIMENT CONTROL BMPS ARE FUNCTIONING EFFECTIVELY. TURBIDITY BENCHMARK VALUE IS 250 NTU DISCHARGES ABOVE BENCHMARK TYPICALLY INDICATE THAT EROSION AND SEDIMENT CONTROL BMPS ARE NOT FUNCTIONING EFFECTIVELY AND WATER QUALITY IS THREATENED. PERMITTEE IS REQUIRED TO ADJUST THE PH IF IT IS NOT BETWEEN <8.5 PRIOR TO DISCHARGE

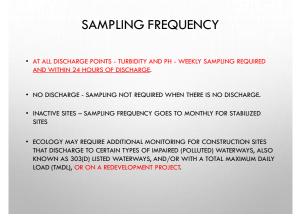
100

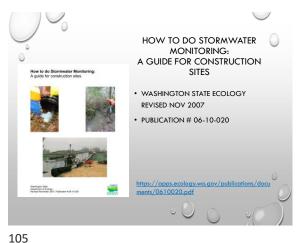


WHAT TO REPORT PLEASE BE READY WITH AS MUCH OF THE FOLLOWING INFORMATION AS POSSIBLE: • WHAT IS THE PROBLEM? •WHERE IS THE PROBLEM? •WHAT KIND OF MATERIAL IS INVOLVED? •HOW MUCH IS THERE? •WHO IS RESPONSIBLE FOR THE MATERIAL? http://www.ecy.wa.gov/reportenviroproblem.html

101 102

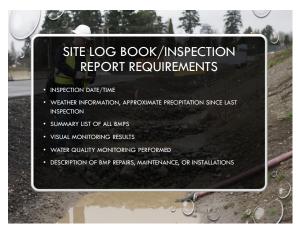






INSPECTION AND REPORTING • INSPECTION REPORTS/CHECKLISTS DISCHARGE MONITORING REPORTS (DMR) SITE LOG BOOK NON-COMPLIANCE NOTIFICATION

106



**INSPECTION REPORTS & CHECKLISTS** . HAVING A FORM OR CHECKLIST ENSURES ALL SAMPLING HAS BEEN DONE AND ALL INSPECTIONS HAVE BEEN MADE. SOME GOING TO TABLETS AND SMART DEVICES MAKES REPORTING EASIER AND MORE EFFICIENT.

107 108

Cons	truction Stormwat	er Site Inspection For	177			
Construction Stormwater Site Inspection Form						
Project Name	Permit #	Inspection Date	Time			
	in the last 24 hours (in inches):					
A. Type of inspection:	Weekly Post Storm Event	Other				
	on (check all that apply):					
,		t Other				

C. Questions:

1. Were all areas of construction and discharge points inspected?
2. Did you observe the presence of suspended sediment, turbidity, discoloration, or oil sheen Yes No
3. Was a water quality sample taken during inspection? I refer to permit conditions \$4.8.55 | Yes No
4. Was there a turbid discharge 25 NoTU or greater, or Transparency 6 cm or less?\* Yes No
5. If yes to 84 was it reported to Ecology? Yes No
6. Is pH sampling required? pH range required is 6.5 to 8.5. Yes No
H answering yes to a discharge, describe the event. Include when, where, and why it happened; what action was taken, and when.

\*\*If answering yes to 84 record NTU/Transparency with continual sampling daily until turbidity is 25 NTU or less/ transparency is 33 cm or greater.

Sampling Results: Date:

\*\*Parameter\*\*

\*\*Parameter\*\*

\*\*Method (circle one)\*\*

\*\*Result\*\*

\*\*Parameter\*\*

\*\*Parameter\*\*

\*\*Method (circle one)\*\*

\*\*Result\*\*

\*\*Parameter\*\*

\*\*Parame

109 110

Element # Inspection BMPs Inspected was administration of failed required (describe in section f) and stocked with administration of failed for required (describe in section f) and stocked with administration of failed for required (describe in section f) and stocked with administration of failed for required (describe in section f) and stocked with administration of the failed for required for failed failed for failed failed for failed failed for failed failed

111 112

INSPECTION FREQUENCY

 SITE INSPECTIONS SHALL BE CONDUCTED WEEKLY ON AN ACTIVE SITE

 SITE SHALL BE INSPECTED WITHIN 24 HOURS OF A STORM EVENT RESULTING IN DISCHARGE

 INACTIVE SITES THAT ARE TEMPORARILY STABILIZED MAY BE REDUCED TO ONCE EVERY CALENDAR MONTH

REPORTING — \$5

IF YOU HAVE NO DISCHARGE, SUBMIT THE FORM WITH THE WORDS "NO DISCHARGE" IN PLACE OF RESULTS.

EXPLAIN WHY THERE WAS NO DISCHARGE

IF YOU ARE REQUIRED TO CONDUCT WATER QUALITY SAMPLING, RESULTS MUST BE SUBMITTED TO ECOLOGY MONTHLY ON DMR FORMS PROVIDED BY ECOLOGY.

ELECTRONIC DMRS ARE MANDATORY

113 114

#### REPORTING CONT'D.

- IF TURBIDITY MEASUREMENTS ARE 250 NTU OR GREATER, THE PERMITTEE MUST CALL THEIR REGIONAL ECOLOGY OFFICE WITHIN 24 HOURS
- IF YOU ARE UNABLE TO COMPLY WITH ANY TERMS OR CONDITIONS OF THE PERMIT YOU MUST NOTIFY ECOLOGY WITHIN 24HR OF THE FAILURE TO COMPLY, AND TAKE ACTION TO PREVENT DISCHARGE.

WEB DISCHARGE MONITORING REPORT

- WQWEBDMRS ARE MANDATORY
- INFORMATION IS MORE ACCURATE
- TIME SAVINGS TO ECOLOGY STAFF AND PERMITTEE
- CALL ECOLOGY WITH QUESTIONS
  - <u>TONYA.WOLFE@ECY.WA.GOV</u> OR 360-407-7097

115 116

#### RECORD KEEPING

- A SITE LOG BOOK SHALL BE KEPT ON SITE AND MUST CONTAIN A RECORD
  OF SWPPP IMPLEMENTATION, INSTALLATION AND MAINTENANCE OF BMPS,
  SITE INSPECTIONS AND STORMWATER MONITORING.
- ALL RECORDS MUST BE KEPT FOR THREE YEARS AFTER THE PERMIT IS TERMINATED.

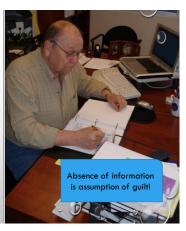
# S5. REPORTING AND RECORDKEEPING REQUIREMENTS

- DMRS ARE REQUIRED FOR THE FULL DURATION OF PERMIT COVERAGE (FROM ISSUANCE DATE TO TERMINATION).
- RETAIN A COPY OF THE TRANSFER OF COVERAGE DOCUMENTATION
- SUBMIT DETAILED WRITTEN REPORTS OF NON-COMPLIANCE THROUGH THE WQWEBPORTAL

117 118

#### PAPERWORK MANAGEMENT

- PERMIT LETTER PERMIT #
- SIGNATORY
   CERTIFICATION CHAIN OF
   COMMAND
- SWPPP
- INSPECTION FORMS
- SITE LOG BOOK NOTES
   AND SAMPLING
   CONDITIONS
- DMR WQPORTAL



### CESCL RESPONSIBILITIES

(ACCORDING TO BMP C160)

- HAS AUTHORITY TO ACT ON BEHALF OF CONTRACTOR OR DEVELOPER
- ON CALL, 24/7 THROUGHOUT CONSTRUCTION
- PROVIDES INSPECTION AND COMPLIANCE SERVICES
- MAINTAINS PERMIT FILE ON SITE AT ALL TIMES
- REPORTING

119 120





