



## STORMWATER ACRONYMS National Pollution Discharge Elimination System **NPDES** All known available and reasonable methods of **AKART** prevention, control and treatment Maximum Extent Practicable **MEP BMP Best Management Practices CESCL** Certified Erosion and Sediment Control Lead Section 303d of the Clean Water Act 303(d) **TMDL** Total Maximum Daily Load LID Low Impact Development

AKART

 AKART REPRESENTS THE MOST CURRENT TECHNOLOGY OR METHODOLOGY THAT CAN BE REASONABLY REQUIRED FOR PREVENTING, CONTROLLING, TREATING OR ABATING THE POLLUTANTS AND CONTROLLING POLLUTION ASSOCIATED WITH A DISCHARGE.

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MEP AND

**BMP** 

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## Maximum Extent Practicable

 Provide the most protection to the waters of the state as much as is economically feasible to do so.

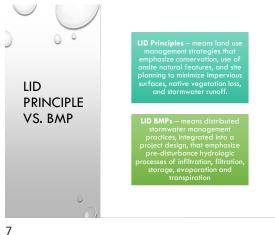
## Best Management Practice

 A schedule of activities, prohibitions and practices, maintenance procedures, and other physical, structural and/or managerial practices to prevent or reduce the pollution of waters of the state.



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A TMDL IS A CALCULATION OF THE MAXIMUM AMOUNT OF A POLLUTANT THAT A WATERBODY CAN RECEIVE AND STILL MEET WATER QUALITY STANDARDS, AND AN ALLOCATION OF THAT LOAD AMONG THE VARIOUS SOURCES OF THAT POLLUTANT. POLLUTANT SOURCES ARE CHARACTERIZED AS EITHER POINT SOURCES THAT RECEIVE A WASTELOAD ALLOCATION (WLA), OR NONPOINT SOURCES THAT RECEIVE A LOAD ALLOCATION (LA)."



LOW IMPACT DEVELOPMENT SOIL AMENDMENT "PRECISION GRADING" PERMEABLE HARDSURFACE



ENDANGERED SPECIES ACT

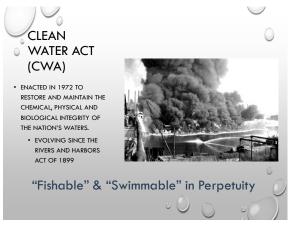
CA Red-legged & **OR Spotted Frog** 

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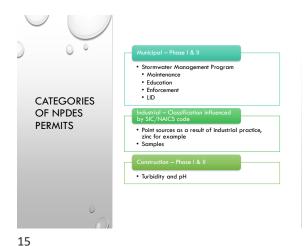
ESA AND CWA LINK NEPA - NATIONAL ENVIRONMENTAL POLICY ACT Establishes national environmental policy and goals for the protection, maintenance and enhancement of the environment. Requires federal agencies to integrate environmental values into their decision making processes by considering the environmental impacts of their proposed actions and reasonable alternatives to those actions.

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MUNICIPAL PERMIT DISTURBED AREA THRESHOLDS

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- ALL NEW DEVELOPMENT AND REDEVELOPMENT PROJECTS ARE RESPONSIBLE FOR PREVENTING EROSION AND DISCHARGE OF SEDIMENT AND OTHER POLLUTANTS INTO RECEIVING WATERS. PERMITTES MUST REQUIRE A CONSTRUCTION STORMWATER POLLUTION PREVENTION PLAN (SWPPP) FOR ALL PROJECTS WHICH RESULT IN 2,000 SQ. FT. OR MORE OF NEW PLUS REPLACED HARD SURFACE AREA, OR WHICH DISTURB 7,000 SQ. FT. OR MORE OF LAND.
- PROJECTS BELOW THOSE THRESHOLDS ARE NOT REQUIRED TO PREPARE A CONSTRUCTION SWPPP, BUT MUST CONSIDER ALL OF THE ELEMENTS UISTED BELOW FOR CONSTRUCTION SWPPPS AND DEVELOP CONTROLS FOR ALL ELEMENTS THAT PERTAIN TO THE PROJECT SITE. THE PREMITTEE MAY DEVELOP AN ABBREVIATED SWPPP FORMAT TO MEET THE SWPPP REQUIREMENT UNDER THIS PERMIT FOR PROJECT SITES THAT Y LICE.

Section 402 – National Pollutant Discharge
Elimination System (NPDES)

Phases I & II Effluent Limitation
Guidelines

CWA
PERTAINING TO Section 303(d) – Water quality standards and

CWA
PERTAINING TO
CONSTRUCTION

Section 303(d) – Water quality standards and implementation of Total Maximum Daily Loads

Section 404 – Dredge and fill permits

FEDERAL REGULATIONS FLOW CHART

Clean Water Act (CVA)
Regulatory Agency:
Dapt of Ecology

Section 402
NPDES

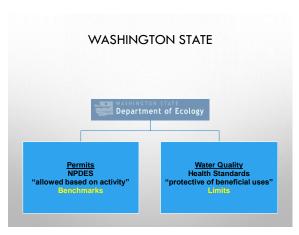
Section 303(d)
NPDES

Section 303(d)
NPDES

Section 404
Diodge and Fill

Individual Permits
Water was Training.
Permits as Training.
Permi

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NPDES
BENCHMARKS

- 25 NTU

- RESPOND WITH
ADAPTIVE
MANAGEMENT

- 250 NTU

- CALL ECOLOGY

MORE TO COME...

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Surface Water Quality
Standards

• Washington Administrative
Code (WAC) 173-201A

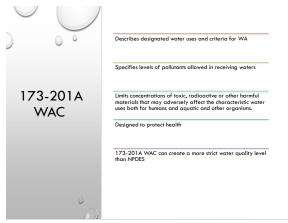
• 401 Water Quality Standards

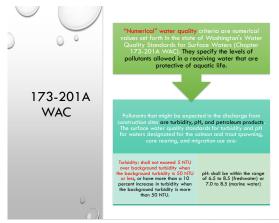
Groundwater
Standards

State Environmental
Policy Act (SEPA)

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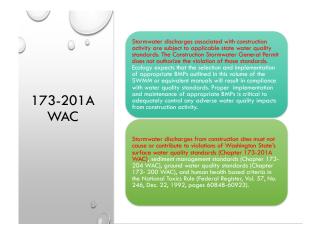
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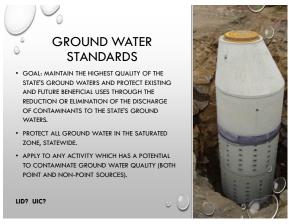


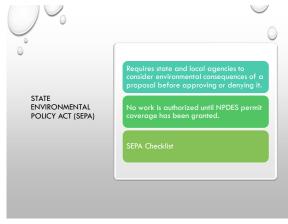


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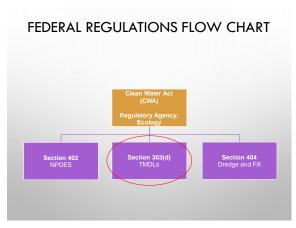




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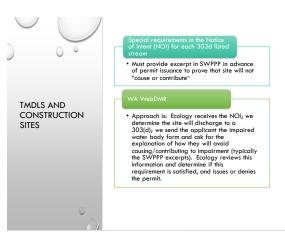


SECTION 303(D)

STATES, TERRITORIES AND AUTHORIZED TRIBES ARE REQUIRED TO DEVELOP A LIST OF WATERS THAT DO NOT MEET WATER QUALITY STANDARDS.

- ESTABLISH PRIORITY RANKINGS AND DEVELOP ACTION PLANS TO IMPROVE WATER QUALITY, CALLED TOTAL MAXIMUM DAILY LOADS (TMDL).
- CONSTRUCTION SITES DISCHARGING TO LISTED WATERBODIES ARE REQUIRED TO VERIFY THAT DISCHARGES ARE NOT CAUSING ORI CONTRIBUTING TO VIOLATIONS OF WATER QUALITY STANDARDS.

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FEDERAL REGULATIONS FLOW CHART

Clean Water Act (CWA)
Regulatory Agency:
EPA

Section 402
NPDES

Section 303(d)
TMDLS

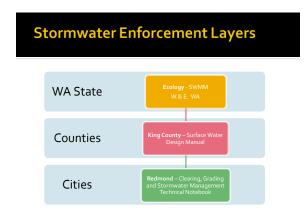
Section 404
Dredge and Fill

Phase II

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