

EnCana Oil & Gas (USA) Inc  
South Piceance

General List of Stormwater BMP's  
(Not all are used all the time)

**PRECONSTRUCTION**

Wattles  
Silt Fence  
Vegetation Buffers  
Slash  
Topsoil Windrows (diversions & ROP's)  
Scheduling  
Phased Construction

**CONSTRUCTION/RECLAMATION**

Terminal Containment  
Diversions  
Run-On Protection  
Tracking  
Benching  
Terracing  
ECM (Erosion Control Mulch)  
ECB (Erosion Control Blanket)  
Check Dams  
Seeding  
Mulching  
Water Bars  
Stabilized Unpaved Surfaces (Gravel)  
Stormwater & Snow Storage Containment  
Scheduling  
Phased Construction  
Temporary Flumes  
Culverts with inlet & outlet protection  
Rip Rap  
TRM (Turf Reinforcement Mats)  
Maintenance  
Scheduling  
Phased Construction  
Fueling BMP's  
Waste Management BMP's  
Materials Handling BMP's

**POST CONSTRUCTION/RECLAMATION**

Maintenance  
Revegetation Monitoring  
BMP maintenance & monitoring  
Weed Management

**Wildlife BMPs**

Minimize the number, length and footprint of oil & gas development roads

Use existing routes where possible

Combine utility infrastructure planning (gas, electric & water) when possible with roadway planning to avoid separate utility corridors

Coordinate Employee transport when possible

Reduce visits to well-sites through remote monitoring (i.e. SCADA) and the use of multi-function contractors. Maximize use of state-of-the-art drilling technology (e.g., high efficiency rigs, coiled-tubing unit rigs, closed-loop or pitless drilling, etc.) to minimize disturbance.

Reclaim mule deer and elk habitats with native shrubs, grasses, and forbs appropriate to the ecological site disturbed.