

**APPENDIX I.I - Storm Water Discharges Associated with Industrial Activity from Oil and Gas Extraction Facilities**

A. Coverage of This Section.

1. Discharges Covered Under This Section. The requirements listed under this Part shall apply to storm water discharges from the following activities:

**Table I.I.1 – Sector I: Oil and Gas Extraction Facilities**

SIC Code	Activity Represented
1311	Crude Petroleum and Natural Gas
1321	Natural Gas Liquids
1381 – 1389	Oil and Gas Field Services

In accordance with *Part I.L* of this permit, oil and gas facilities are not required to obtain permit coverage, so long as they meet the requirements set for in *UAC R317-8-11.3(2)(a)(3)*.

2. Sector Specific Limitations on Coverage. In addition to the limitations on coverage listed in *Part I.C*, the following storm water discharges associated with industrial activity are **not** authorized by this permit:
  - a. Discharges from drilling operations that are subject to nationally established effluent limitation guidelines found at *40 CFR Part 419* and *40 CFR Part 435*, respectively.
3. Sector Specific Prohibition of Non-Stormwater Discharges. In addition to those non-storm water discharges prohibited under *Part I.D*, this permit does not authorize the discharge of:
  - a. Vehicle and equipment wash water, including tank cleaning operations. Alternatively, wash water discharges must be authorized under a separate *UPDES* permit, or be discharged to a sanitary sewer in accordance with applicable industrial pretreatment requirements.

B. Sector Specific Control Measures and Effluent Limits.

In addition to the control measures and effluent limits in *Part III*, the permittee shall implement the following to minimize pollutant discharges, as applicable:

1. Erosion and Sediment Controls. The permittee shall implement appropriate vegetative practices, such as the following, to preserve existing vegetation, where attainable, and revegetate open areas as soon as practicable after grade drilling:
  - a. Temporary or permanent seeding;
  - b. Mulching;
  - c. Sod stabilization;
  - d. Vegetative buffer strips; and
  - e. Tree protection practices.

Appropriate vegetative practices shall be implemented on all disturbed areas within 14 calendar days following the last activity in that area.

C. Sector Specific Inspection Requirements.

In addition to the inspection requirements in *Part IV.A*, the permittee shall also inspect the following activities, if they take place at the facility, at the specified frequency:

- a. Erosion Control Measures. All erosion controls at the facility shall be inspected either:
  - 1) At least once every 7 calendar days; or
  - 2) Every 14 calendar days and within 24 hours of a storm event 0.5 inches or greater.

Inspections shall be necessary to ensure erosion controls continue to effectively reduce the amount of sediment being carried offsite.

D. Sector Specific Plan Requirements.

1. Site Map. In addition to the requirements in *Part VII.D.3*, the site map shall also include the location of the following, where applicable:
  - a. Reportable quantity releases, as discussed in *Part II.A*;
  - b. Areas used for treatment, storage, or disposal of wastes;
  - c. Processing areas and storage areas;
  - d. Chemical mixing areas;
  - e. Construction and drilling areas;
  - f. All areas subject to the effluent guideline requirements for “No Discharge” in accordance with *40 CFR 435.32* and the controls used to achieve compliance with the “No Discharge” requirements.
2. Summary of Potential Pollutant Sources. In addition to the requirements in *Part VII.D.4*, the Plan summary of potential pollutant sources shall also include the following, as applicable:
  - a. Chemical, cement, mud, or gel mixing activities;
  - b. Drilling or mining activities;
  - c. Equipment cleaning and rehabilitation activities; and
  - d. Information about the reportable quantity release that triggered the permit application requirements, to include:
    - 1) The nature of the release (i.e. spill of oil from a drum storage area);
    - 2) Amount of oil or hazardous substance released;
    - 3) Amount of substance recovered;
    - 4) Date of the release;
    - 5) Cause of the release (i.e. poor handling techniques and lack of containment in the area);
    - 6) Areas affected by the release (i.e., land and water);
    - 7) Procedures to clean up release;
    - 8) Actions or procedures implemented to prevent or improve response to a release; and
    - 9) Remaining potential contamination of stormwater from the release (i.e. human health risks, drinking water intakes, and designated uses of receiving waters).

3. Measures and Controls. In addition to the requirements in *Part VII.D.5*, the Plan shall also include measures implemented to address the following activities and sources, as applicable:
  - a. Site Description. The Plan shall provide a description of the following:
    - 1) The nature of the exploration activity;
    - 2) Estimates of the total area of the site and the area disturbed due to the exploration activity;
    - 3) Estimate of the runoff coefficient of the site;
    - 4) A site drainage map; and
    - 5) The names of all receiving waters.
  - b. Vegetative Controls. The permittee shall document in the Plan vegetative practices used, consistent with *Appendix I.I.B.1*.

E. Monitoring Requirements.

1. Analytical Monitoring. There are no analytical monitoring parameters for Sector I facilities in this permit. Any additional monitoring and reporting requirements shall be based on the nature of activities at the facility and the facility stormwater discharges, in accordance with *Part V.D.2*.
2. Numeric Effluent Limitation Monitoring. There are no numeric effluent limitation parameters for Sector I facilities in this permit. Any additional monitoring and reporting requirements shall be based on the nature of activities at the facility and the facility stormwater discharges, in accordance with *Part V.D.2*.