



Oil, Gas, Minerals, and Mining Program and Policy Update

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Priorities and Issues

- Urban Drilling
- Hydraulic Fracturing
- Underground Injection Control
- Air emissions at Oil & Gas Sites
- Mining and Potential New Mines

Oil and Gas Permits Issued by OOGM

Urban Drilling

- Recent Concerns
- Mandate: Balance property rights with protection of residents
- DEQ Response: SOW Instruction
 - Alternatives Analysis
 - Notification
 - Nuisance Protections

Hydraulic Fracturing

- Rules
 - Water use
 - Monitoring & reporting
 - Chemical disclosure
 - Baseline groundwater sampling
- UM Report and EPA Study

Underground Injection Control

- Well Classes I - VI
- Regulated by EPA & OOGM
- 1300 Class II wells in Michigan
 - Brine disposal
 - Secondary Recovery
 - Michigan seeking primacy
- Michigan Injection Wells
- Class II Primacy

Air Emissions at Oil and Gas Sites

- Methane, VOCs, H₂S
 - Greenhouse gases
 - Odors
 - Potential health impacts.
- Procedures for review of permit application

Mining and Potential New Mines

- Part 631 – Ferrous Mineral Mining
 - Nothing new, minor change to administrative rule name
- Part 632 – Non-Ferrous Metallic Mineral Mining
 - SB591 Moving
- Part 637 – Sand Dune Mining
 - No new policy changes but renewed interest
- Reclamation