

**Oil & Gas Leasing in North Carolina**  
**Physical Impacts on the Land**  
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1. Water Quality
  1. Ground water
  2. Surface water
2. Air quality
3. Waste disposal
  1. Injection
  2. Treatment
4. Water quantity
5. Land
  1. Damage
  2. Restoration
6. Local issues
  1. Federal & state preemption
    1. Zoning
    2. Ordinances
    3. Health rules
  2. Revenue sharing
  3. Emergency responder training/equipment
7. Traffic
8. Health & safety
  1. Drinking water sources
    1. Surface
    2. Wells
  2. Methane migration
9. Landowner leasing issues
10. Regulatory Issues

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