HOW SHALE GAS DEVELOPMENT (FRACKING) AFFECTS PUBLIC HEALTH

Multiple risks to our health and environment

ISSUES
Process of fracking:
- Disrupts natural environment such as land and publicly accessible water
- Creates extensive infrastructure in multiple stages and sites
- Produces large amounts of liquid and solid waste

Health concerns:
- Chemical release associated with resource extraction such as endocrine disrupting chemicals
- Release of technically enhanced naturally occurring radioactive material (TENORMs) and naturally occurring radioactive material (NORMs)

Inequality:
- Environmental justice
- Eminent domain

ENVIRONMENTAL PATHWAY(S) OF EXPOSURE

EXPOSURE PATHWAY(S) DISRUPTING HEALTH

WHO IS IMPACTED

Short term health effects:
- Stress
- Eye, nose, throat irritation
- Skin irritation
- Headache
- Dizziness
- Nausea
- Asthma attacks
- Chest pains
- Acute bronchitis
- Short term memory impairment
- Decreased exercise tolerance
- Adverse effects on developing fetus

Long term health effects:
- Worsening pulmonary or heart disease
- Asthma
- Chronic bronchitis
- Cancer such as nasal, throat, and lung
- Adverse effects on developing fetus
- Leukemia
- Aplastic anemia

Visit www.environmentalhealthproject.org for more information.

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