

Frack Truck Impacts

On New York Villages and Towns

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Separating Fracks from Fiction



Fracking Requires A Lot of Trucks

- Trucks are one of the worst impacts of fracking
- 18 wheelers up to 80,000 pounds
- Thousands of trips to and from well
- More in a week than you see in a year
- More in a year than you'd see in a lifetime

Frack truck traffic can be ruinous to towns



Frack Fluids Trucked to Well

- **400 to 600 tanker truckloads of fluid**
- **2.4 to 7.8 million gallons of water per well**
 - estimates per NY DEC
 - trucked to site by tankers
- **Thousands of gallons of chemicals per well**
 - Classified as “hazardous material” by DEC
 - Chemicals undisclosed by industry



Frack Flowback Trucked Away

- **Wastewater comes back from frack**
- **200 to 300 tanker truckloads of frack waste**
- **Classified as “industrial waste”**
- **Contaminated with radium**
- **Frack wastewater trucked away**
 - to a remote disposal well
 - to a processing facility

DEC Estimates of Truckloads Per Well

Rig Mobilization, Site Prep, Demobilization

Drill Pad and Road Construction Equipment 10 - 45

Drilling Rig 30

Drilling Fluid and Materials 25 - 50

Drilling Equipment (casing, drill pipe, etc.) 25 - 50

Completion Rig Mobilization/ Demobilization 15 Truckloads

Well Completion

Completion Fluid and Materials 10 - 20

Completion Equipment (pipe, wellhead) 5

Hydraulic Fracture Equipment (pump trucks, tanks) 150 - 200

Hydraulic Fracture Water 400 - 600 Tanker Trucks

Hydraulic Fracture Sand 20 - 25

Flow Back Water Removal 200 - 300

Well Production Equipment 5 - 10

Total = 895 to 1,350 truckloads

<http://www.dec.ny.gov/energy/58440.html>



What That Means To You

- Each well = 1,800 to 2,600 truck drive-bys
- 8 well pad site = 14,400 to 20,800 drive-bys
- Convoys of up to 100+ tankers
- Roads and bridges damaged
- Air pollution from diesel exhaust
- Noise pollution night and day

Your town center can be ruined for about 30 years



Peak Traffic To Well Site

- **Wells are drilled 24/7 nonstop**
- **Drill pipe, casing cement, chemicals**
- **Traffic peaks before/during fracking**
- **Fluids must be onsite when frack begins**



Truck Traffic Bottlenecks

- Trucks work out of service yards
- Traffic heaviest near the yards
- Convoy to and from well sites
- Routes to well sites may converge

Local traffic comes to a standstill



No Alternatives To Trucks

- **Water sourced onsite**
 - if from wells - local water table drops
 - if from rivers - drilling sites in watershed
- **Railroads do not provide adequate coverage**
- **Propane fracking is uneconomic**
- **Frack waste recycled at remote centers**

There will be a lot of fracking trucks



Why Frack Convoys (*always*) Speed

- **Contract truckers paid by the load**
- **Drive fast = more loads = more pay**
- **Operations go on 24/7 - non-stop**
- **Lead truck gets caught in a convoy**
- **Many truckers will be from out of state**

Frack truck convoys will speed



But What Happens in Texas ?

- **No 200 year old villages**
- **Small towns developed along highways**
- **Larger towns have highway bypasses**
- **County seats have courthouse squares**
 - Highway on one side of square
 - Or bypass the square completely

Your Town On Frack Trucks



Tankers Don't Stop For Coffee. . . .



They Don't Even Slow Down



No Road Use Ordinance ? All Roads are Vulnerable





Get to Work in Your Town

**NO
FRACK_{ing}
TRUCKS**



Solution: Local Road Use Laws

- **Allowed by Municipal Home Rule Law 10**
- **Allowed by NY Vehicle & Traffic Law**
 - for counties, towns, cities and villages
- **Municipalities must act - soon**
- **DEC won't help you**



Local Control Over Truck Routes

- **Allowed by NYS Vehicle & Traffic Law**
- **Designated routes for heavy trucks**
- **Route closures except by permit**
- **Indemnifications for road & bridge damage**
- **Exceptions for local deliveries**
 - **Moving vans and delivery trucks**

Get a tough law and enforce it



What Your Town Will Need

- **Land use plan**
- **Land use ordinance**
- **Truck route plan**
- **Road use ordinance**
- **Enforcement**



Resources

- **Land and Road Use Plan**
 - **Nan Stolzenburg**
nan@planningbetterplaces.com
- **Town Ordinances**
 - **Michelle Kennedy**
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GET BUSY !



Don't Let Frack Trucks Ruin Your Town

