

Tioga Investigating Natural Gas (TING)
Potential Impacts & Opportunities faced by the Public Sector
from Natural Gas Development and Production

(List is not prioritized, but in alphabetical order by category)

Red font identifies stakeholders that might be involved in subcommittee or impacted by issue)

Business Opportunities: *ED&P, Chambers of Commerce, IDA, Business Representative, Realtors, HHS, Hotels, B&B, Campgrounds*

- Promote use of natural gas in area (ex. Vehicles, Greenhouses)
- NYSEG impacts of upgrading infrastructure
- Increase in service type jobs (housing, food, entertainment)
- Housing
 - Increase in housing prices and rental prices
 - Housing needs of workers long term, short term
 - Motel accommodations
 - Man camps—if so, where located?

Communication of Group Activities/ Outreach: *TING Steering Committee, Coalitions, Media*

- What types of news outlets to use??
- Frequency
- Connecting with municipal superintendents, attorneys, highway supervisors, and planning boards
- Increasing attendance at Council of Governments, municipal attorney meetings, highway superintendent meetings, and County Planning Board
- Encourage communication within and among municipalities
- Reaching out to the public for sub-committee participation
- Monitor DEC website for announcements, permits

Economy: Revenue and Taxes: *Tax Assessors, Office of Real Property, Legislators, Town Boards, COG*

- Increases in county budget
- Accurate means of recording & documenting leases in real property database
- Property assessments (leased w/ well, leased w/o well, non-leased, pipeline crossings)
- With-drawl / Depletion tax
- Stump tax
- Taxation of pipelines
- Review tax formula (not updated in years)
- Guidance to assessors
- Plan for collection
- Distribution of tax (50% to schools)
- Permit and fee schedules
- Severing surface and subsurface property ownership

Education: *CCE, School Administrators, School Boards, BOCES, PTAs, Day Care Providers, Youth Center, Girls and Boys club*

- Increase in student enrollments at local schools
 - Possible increased need for teachers, childcare, after-school activities

Employment & Income: *TC Employment Office, Chambers of Commerce, NYS DOL*

- Wage variation between local businesses and gas professionals
- Loss of employee support to local businesses (job shift?)
- Transient workforce
- Change in cost of living (due to higher paying jobs, impacts local residents)
- Inflation

Environmental Impacts: *SWCD, Environmental Rep, SRBC, DEC, NYSDAM, NRCS, Co. Env. Health, tourism, hunting and fishing groups, outdoor recreational groups, EMC, Landowner Coalition, Farm Bureau, Municipal Utility Operators, garbage handlers, county solid waste*

- Water Quantity and Quality Issues:
 - Surface runoff from access roads and pipelines
 - Storm water runoff (permit required if more than one acre disturbed)
 - Drinking water concerns
 - Water withdrawals / local depletion
 - Private wells / Municipal water supply concerns
 - Wastewater disposal
 - Aquifer concerns/protection
 - Local wellhead protection
 - Pond creation and water collection alternatives
 - Baseline testing of public and private wells. What to test for? How to notify residents?
- Soil concerns
 - Pits and potential contamination
 - Agricultural land loss
 - Reclamation
 - Rights of ways
 - Pipeline mitigation
 - Erosion control
 - Siltation concerns
- Landscape Issues:
 - Pipeline Infrastructure (use of existing)
 - Tree-cutting impacts and concerns (possible ordinance)
 - Fragmentation of forests & habitats
 - Impacts to productive agricultural lands
 - Tourism and recreational impacts
 - Historic and archeological impacts *NYS Office of Historic Preservation, Local Historians*
 - Fishing and hunting impacts and concerns
 - Protection of classified trout streams *Trout Unlimited,*
 - Protection of wetlands *Army Corp of Engineers*
 - Drilling in floodplains
- Pollution (draft ordinance to address)
 - Noise pollution from traffic, drilling and compressor stations (*churches, schools, hospitals, residential neighborhoods, prisons*)
 - Light pollution (*Kopernick Observatory*), *Local Planning Boards, Co. Planning Board*
 - Dust pollution
 - Spills
 - Soil contamination
 - Garbage / solid waste concerns (plastic disposal)
- Inspection & oversight of projects including clean up and reclamation
- Solid Waste and Materials Handling
 - Increase in sewer and water needs (municipal water and WWTP's)
 - Illegal dumping concerns

Mapping Needs (GIS): *Co. Planning, GIS Administrator, Town Assessors, Real Property*

- Leased property
- Drill sites, well coordinates and unit locations
- Existing and proposed pipeline locations (infrastructure)
- Roads, bridges and culverts
- Truck Routes
- Aquifers, municipal water supply (well heads)
- Wetlands
- Floodplains

- Agricultural land
- Archeological areas (general areas identified) **Office of Parks, Recreation and Historic Preservation**
- Historic areas **National Historic Register**
- Other sensitive areas
- Endangered and threatened species

Planning: **County Planning, County and Town Planning Boards, Environmental Legal Experts**

- Determine assets/ resources that must be protected
- Determine where specific SEQR required
- Encourage towns to update site plan review process
- Coordinate local permit process
- Respond to DEC's SGEIS
- Encourage towns to be an "involved" agency not an "interested" agency
- Encourage towns to review ordinances and permits

Public Safety: **Sheriff, Police, EMO, First Responders, EMS providers, Fire Companies, Doctors, DoH**

- Potential for Increased Crime (potential for both violent and property crimes)
- Increase in traffic accidents
- Increased need for law enforcement
- Impact to DA's office and Court System
- Potential Increase in drug use including methamphetamines
- Increase in number of complaint calls
- Strengthen local codes to bolster police power
- Potential increase in number of EMS calls and runs
- Need to know chemicals hauled, used, stored. Require notification.
- Fire containment and explosion response
- Training needs (more EMTs and first responders needed)
- Additional equipment needs
- Access to well site
- Need a way to notify residents in an emergency: Reverse 911 or NY Alert
- Ensure school evacuation plans are up to date
- Need plan for keeping up to date on most current information
- Identify truck routes
- Identify paid services (lack of EMTs and first responder volunteers)
- Update mutual aid plans with contiguous counties

Roads and Infrastructure: **Local Hwy Dept, TC DPW, Municipal Attorney, Co. Attorney, Town Board, COG**

- Inventory roads, bridges, culverts.
- Roads, bridge, culvert maintenance and repair expenses
- Additional highway traffic
- Navigating Owego. Determine traffic patterns. Map truck routes.
- Driveway permits and 911 addresses
- Roadside seismic testing ordinance.

Weights and Measures: **Tioga County Department of Weights and Measures**

- May need more county staff to certify scales and meters

Workforce Development: **CCE, Dept of Labor, Chamber, BOCES, Community Colleges, SBDC, SBA**

- Determine jobs available and skills needed
- Develop job training opportunities

Future Impacts: What happens after gas development and production phases have been completed what will change in the community?