

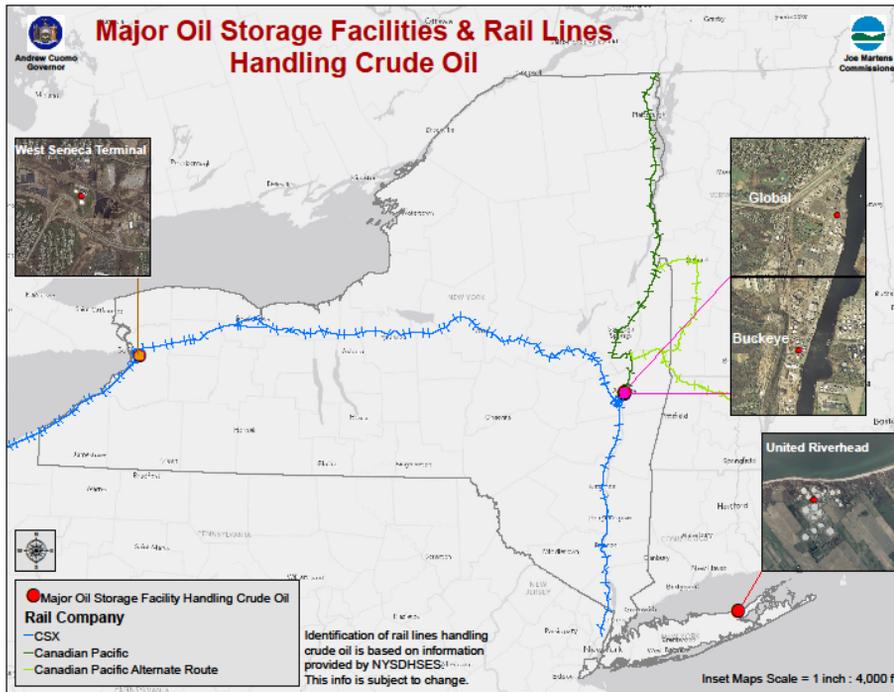


Department of  
Environmental  
Conservation

# NY Inland Spill Response Planning & Preparedness

April 14, 2016

# Crude Oil Rail Routes in NYS



Counties:

- Albany
- Cayuga
- Chautauqua
- Clinton
- Erie
- Essex
- Genesee
- Greene
- Herkimer
- Madison
- Monroe
- Montgomery
- Oneida
- Onondaga
- Orange
- Rockland
- Saratoga
- Schenectady
- Ulster
- Washington
- Wayne

# NYS Navigation Law - March 28, 2015

- Increase in Fees and Surcharges began September 2015
- Fund Ceiling increase from \$23M to \$40M
- Up to \$2.1M for use to fund:
  - Acquisition and maintenance of petroleum spill prevention, response, or personal safety equipment including those for emergency services agencies and personnel
  - Necessary response drills and exercises
  - Mapping, analysis, and plans, e.g., SRMs & GRPs

# Crude Oil Incident Planning/Response

- Inter-Agency Working Group:
  - DEC, DHSES (OEM, OFPC), DOH, DOT, NYSP (EM)
  - US EPA, USCG
- Integrating public safety, public health and fire suppression actions into existing “traditional” spill response framework:
  - Area Contingency Plans (ACPs)
  - Geographic Response Plans (GRPs)
- Goal: Single, coordinated response

# Sensitive Resource Maps (SRMs) Inland Zone

- Will address the current lack of sensitive resource mapping along the railroad corridors transporting unit trains of crude oil
- Developed by DEC staff using existing:
  - Databases maintained by NYSDEC
    - DER, DOW, DFWMR, Habitat
  - Also external databases
    - DOH, NYSEd, OCFS, DHSES, OPRHP
- Utilizes publically available data if possible
  - However, some security sensitive info needs to be used by conditional permission (FOUO)

# GRP Statewide Plan

- Met with county planning groups including the local emergency planning committee
- Walked local groups through the process of GRP development
- Presented Sensitive Resource Maps to the group and explained use in GRP development

# GRP Statewide Plan

- Results from the meeting:
  - Gained local knowledge for use in identifying priority areas for GRPs
  - Selected priority areas for GRP development
  - GRP data collection forms developed based on this meeting for use in developing other GRPs

# Geographic Response Plan Status

21 Counties – All initial meetings with Local Responders and Officials are complete.

Approximately 300 Site Specific GRPs are under preparation  
7 of 21 counties are final, in PDF format, and posted on the Open Sharepoint Site.

The Full data package (ie, Arcmap, Google Earth, and Microsoft Publisher Files) are not yet complete, but the static PDF is available and in use (see Ripley).

4 of the remaining 14 are undergoing final revision after the county steering committee review

10 left to send to the Counties for review.

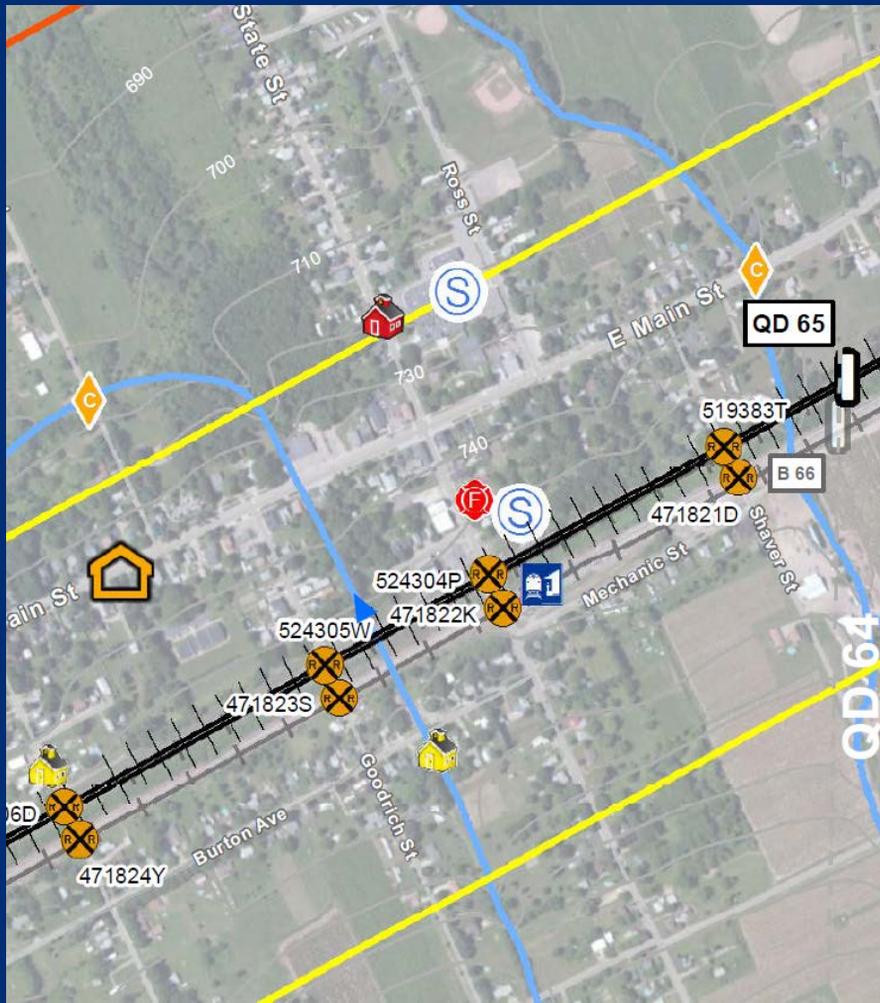


# Equipment/Training

OFPC Foam Trailers deployed – training now nearly complete

DEC Trailer delivery expected in coming weeks – training under development by DEC Contractors – Parsons/O'Brien and Gere/Gallagher Marine





## Railroad Mile QD 66 – Ripley, Chautauqua Co.

Location: Town of Ripley, Chautauqua County  
Coverage Area: Town of Ripley  
Railroad Mile Markers: CSX QD 66.54 to CSX QD 65.00

CONTACT ALL NUMBERS BELOW	
Local Fire & Police	911
National Response Center (EPA/USCG)	(800) 424-8802
DEC Spill Response	(800) 457-7362
CSX Railroad	(800) 232-0144
Chautauqua County Emergency Mgt.	(716) 753-4341
State Watch Center	(518) 292-2200

### FIRE/EXPLOSION:

- IDENTIFY PRODUCT(S).
- NOTIFY POTENTIAL RECEPTORS AND RESPONSE CONTACTS.
- REQUEST STATE WATCH CENTER TO MOBILIZE FOAM ASSETS.
- EVALUATE ¼ MILE.
- IF MORE THAN 3 CARS ON FIRE AND NO LIFE SAFETY THREAT EVACUATE RESPONDERS AND LET IT BURN.
- IF 3 OR FEWER CARS INVOLVED, DOES FIRE THREATEN POPULATIONS OR CRITICAL INFRASTRUCTURE?
  - IF SO, FIGHT FIRE USING FOAM AND WATER. ADDITIONAL FOAM FROM STATE WATCH CENTER. UTILIZE HIGH VOLUME DRAFT POINTS IF POSSIBLE.
  - IF NOT, LET IT BURN. APPLY COOLING WATER TO ADJACENT CARS VIA UNMANNED MONITORS.
- CONSIDER RUNOFF CONTROL MEASURES TO MINIMIZE HEALTH AND ENVIRONMENTAL IMPACTS.

### SPILL/LEAK:

- IDENTIFY PRODUCT(S).
- VAPORS— FLAMMABLE OR TOXIC? APPLY FOAM SUPPRESSION?
- SAFELY REMOVE POTENTIAL IGNITION SOURCES.
- NOTIFY RECEPTOR CONTACTS—1,000 FEET DOWNWIND. EVACUATE OR SHELTER IN PLACE AS NECESSARY.
- NOTIFY RESPONSE CONTACTS. RAILROAD AND/OR NYSDEC MOBILIZE SPILL RESPONSE ASSETS.
- EVALUATE FLOW PATH(S). PREVENT FLOW INTO SEWERS/WATERWAYS WITH BOOM/DIKE/BERM.
- IF SPILL REACHES WATERWAYS, NOTIFY DOWNSTREAM RECEPTORS AND DEPLOY BOOM WHERE POSSIBLE.

### DERAILMENT/ACCIDENT (NO OBVIOUS FIRE OR LEAK)

- IDENTIFY PRODUCT(S).
- NOTIFY RESPONSE CONTACTS.
- REMOVE POTENTIAL IGNITION SOURCES.
- ESTABLISH SECURE PERIMETER.

### GEOGRAPHIC ACCESS

Primary access route: Take I-80 to exit 61 towards US-20 and follow W Main St/ Rt 20 east to Ripley. W Main St/ Rt 20 intersects all access roads to the north of railway.

Alternative access routes: Take I-86 to exit 6 towards NY-76 N provides direct access to Ripley .

### RAILROAD ACCESS

Access is available off W Main St/ Rt 20 at or near five perpendicular roadways with crossings: Loomis St (524307K/471825V), Maple Ave (524306D/471824Y), Goodrich St 524305W/471823S), S State St (524304P/471822K), Shaver St (519383T/471821D).

### NOTIFICATION AND EVACUATION

#### DOWNWIND CONSIDERATIONS

- 🏠 Ripley Central School: 716-736-2631
- 🏠 Home Daycare (Barbara Siverd): 716-736-6109
- 🏠 A is for Apple Group Family Daycare: 716-736-2477
- 🏠 Collins Manor Apartments: 716-736-7303
- 👮 Ripley Town Clerk: 716-736-6881

#### DOWNSTREAM CONSIDERATIONS

- 🏭 Ripley Sewer Treatment Plant: 716-736-6000

### FIRE SUPPRESSION

- 🚒 High Volume Class B Foam Trailer:
  - East (20 min) - 3 N Erie St #126, Mayville, NY 14757
  - East (1 h 15 min) - 195 Court St, Buffalo, NY 14202
- 🚒 Fire Station:
  - Ripley Fire Department: 716-736-2001

### WATER RESPONSE STRATEGIES

- 🚒 Booms: Deploy boom at downstream location ahead of oil migration.
  - Un-named tributary: culvert at 10183 W Main St / US-20 (-79°43'17.10", 42°15'46.96")
  - Un-named tributary: culvert at 6325 Hamilton Rd (-79°42'03.02", 42°16'19.82")
  - Un-named tributary: culvert at 59 E Main St / US-20 (-79°42'21.22", 42°16'07.26")

🚒 USCG Sector Buffalo (716-843-9315) can be notified to mobilize Lake Erie response capabilities and exercise response plans.

### ICP / STAGING

- 🚒 Ripley Fire Department:
  - 11 S State St, Ripley, NY 14775
- 🏠 Ripley Central School:
  - 12 N State St, Ripley, NY 14775

### SITE AND SEASONAL CONSIDERATIONS

- NYS Thruway Authority (800-842-2233) emergency number can be utilized, if necessary, if the roadway is to be closed.
- Creeks may be frozen during winter months.
- Notify NYSDEC Spill Hotline (800-457-7362) for any wildlife impacts.

### BERMING RESOURCES

- 🏠 Town of Ripley Highway Department: 716-736-3424



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Environmental  
Conservation

# Thank You

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