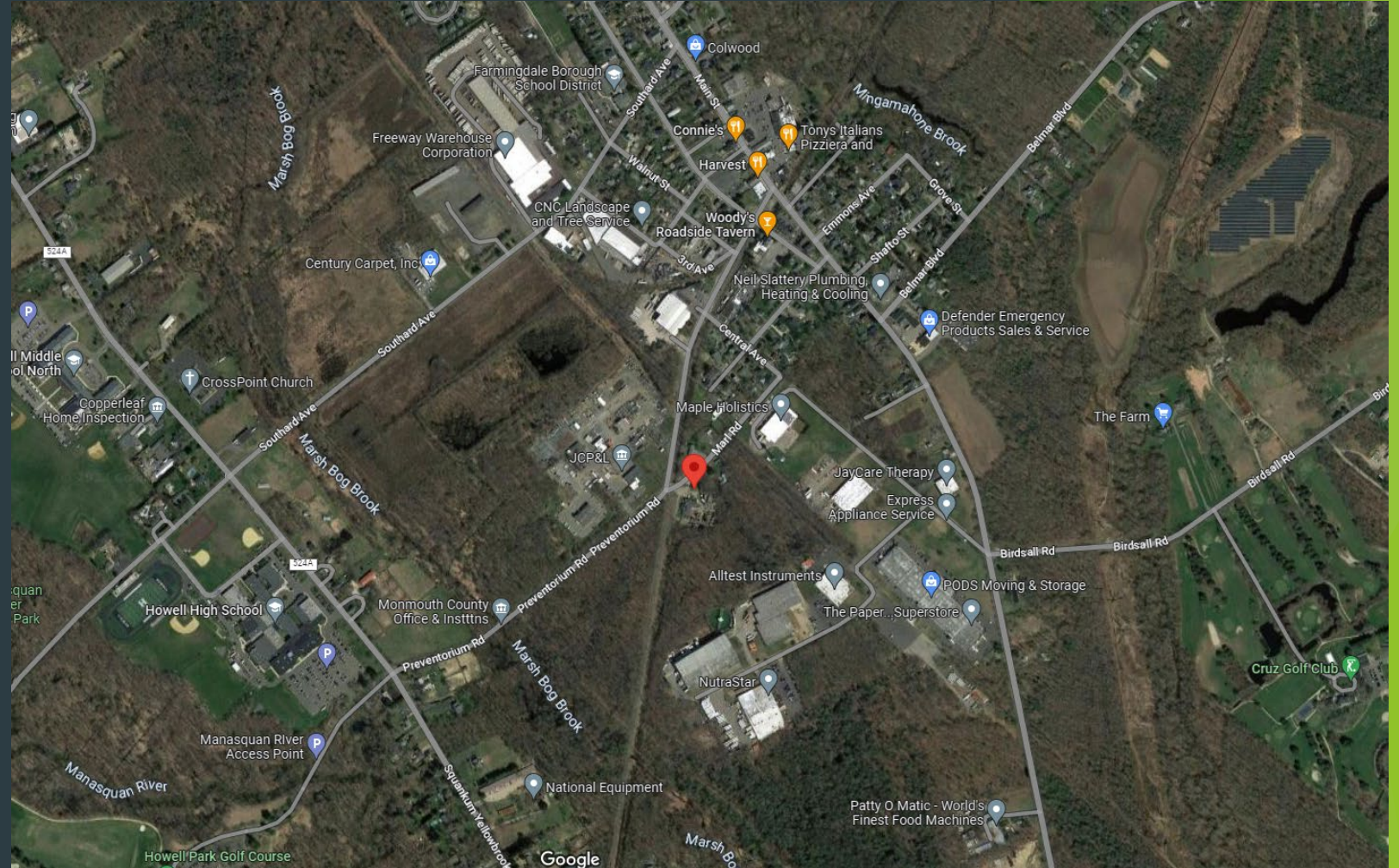


Compounders Inc. Site RRT2 Meeting

November 8th and 9th, 2023

Compounders Inc. Site Location

- Located at 15 Marl Road - Howell Township, Monmouth County
 - Site is 7.77 acres
 - At the border of Farmingdale Borough
 - Adjacent to railroad
 - Owner: Compounders, Inc.
- Public Schools -
- Farmingdale Elementary - 0.57 miles
 - Howell High School - 0.77 miles
 - Howell Middle School North - 0.98 miles
- Child Care Centers -
- Farmingdale First United Methodist Church - 0.82 miles
 - Little Lighthouse Academy - 0.82 miles



Compounders, Inc. Site History

- ▶ 1968 - Resolution Case No. 342
 - ▶ Use permit (not variance) in Industrial zone
 - ▶ Formerly used by Monmouth County Feed and Coal Company
 - ▶ Use: “Blending and mixing of compounds”. Further description includes heating, melting and pouring of material for use of adhesives and shipped via truck/rail.
 - ▶ “Scrubber” installed would prevent air pollution under the State Air Pollution Code
 - ▶ Approved for expanded outside storage use but excluded material storage
- ▶ 1979 use classified as an asphalt and tar manufacturer



Compounders, Inc. Site History (continued)

- ▶ 1982 - Fire damaged existing building which was rebuilt as a wax and resin melting and blending plant proposed (permitted use within the Industrial zone at the time)
- ▶ Fire in 2002 caused by overheating resin
 - ▶ Hazardous material clean up not needed at the time
- ▶ 2006 Review of new process of mixing involving Xylene/Xylol and gum resin
- ▶ LSRP Oversight beginning in 2012 with passage of Site Remediation Review Act



Compounders, Inc. Site History (continued)

- ▶ 2021 - change of ownership through stock sale
 - ▶ Name of business did not change, LLC did not change, ownership of LLC changed
- ▶ February 9, 2023 - Howell FD dispatched to site in response to fire
 - ▶ Found materials burning within old metal structure
 - ▶ Strong chemical odor and 200-300 drums observed
 - ▶ Most drums are bulging, rusting, denting or leaking
- ▶ Township called Monmouth County Department of Health > NJDEP > USEPA



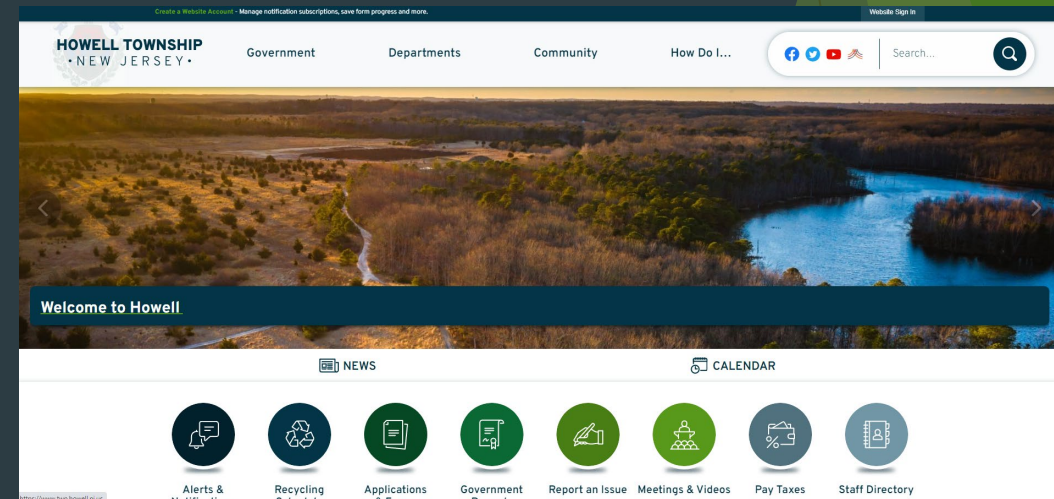
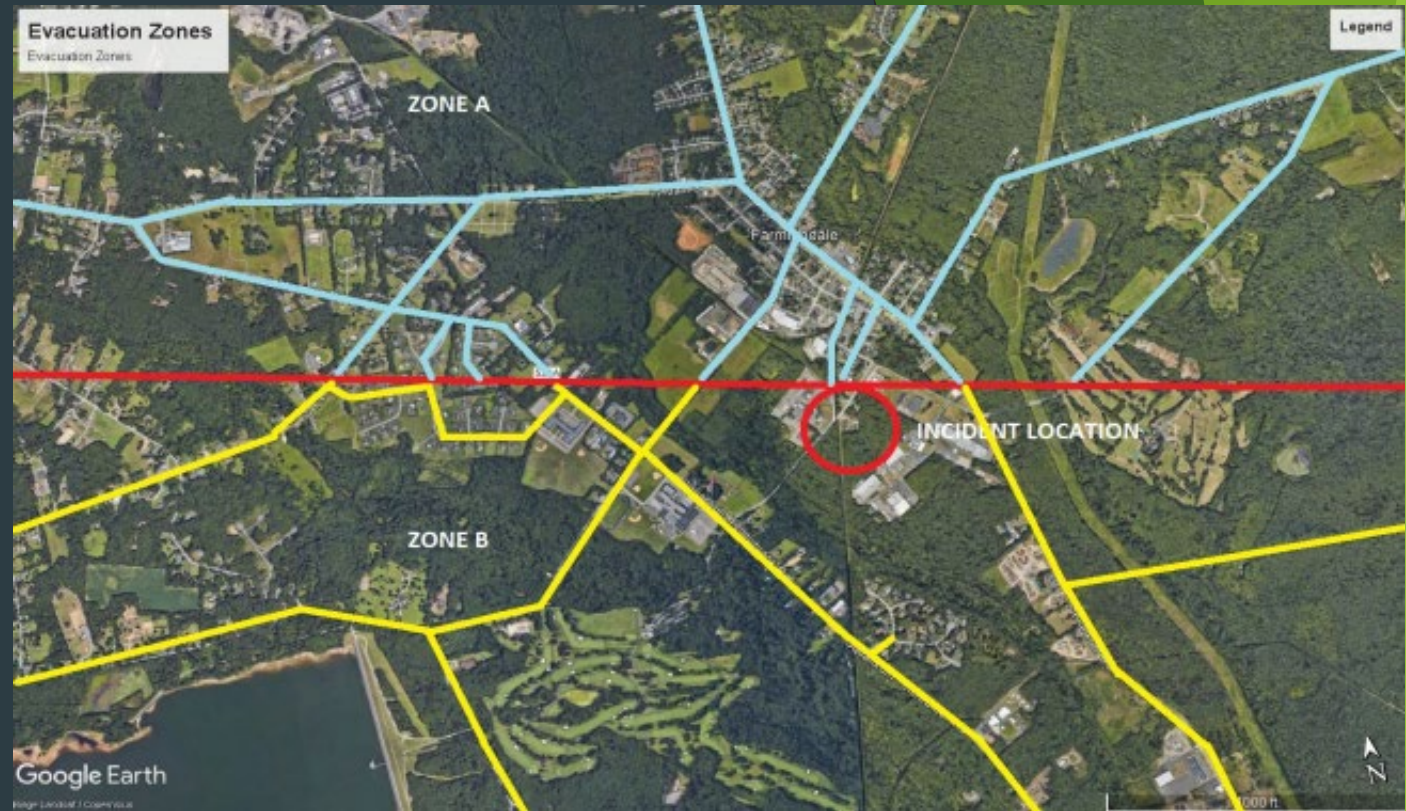
Security Measures

- Fencing repaired/installed to prevent trespassing.
- 24/7 Security (dismissed)
- Wifi Cameras.
- EPA participated municipal public meetings.
- Township evacuation plan
 - Incident occurred about 1 week after East Palestine derailment.



15 Marl Road - Evacuation Plan

- ▶ Howell OEM evacuation notification:
 - ▶ Reverse 911/NIXL Alert System
 - ▶ County Assistance (IPAWS - cell phone alert system)
 - ▶ Door to door if possible/necessary
 - ▶ Map is available on website (search “15 Marl” in search bar in upper right)
- ▶ Township expected to with School Districts in case of evacuation
- ▶ Regular updates provided in real time





EPA Involvement

- ▶ NJDEP requested EPA's assistance on February 15, 2023. Upon arrival at the site, EPA found breaches in the front fence of the property, no fence securing any other side of the property, and observed containers that were leaking and labeled as hazardous materials. On February 17, 2023, EPA began providing 24-hour security at the site to ensure that nobody accessed the site.
- ▶ In addition to NJDEP request for assistance in stabilizing the Site, an Integrated Assessment was requested.

Hazard Mitigation

- ▶ Fence installation around the former production area.
- ▶ Additionally, EPA established perimeter and off-site air monitoring during any work with the drums and containers to monitor during stabilization/removal activities.
- ▶ In addition to off-site monitoring, EPA and their contractors established containment areas (use of boom or berm) to ensure that if there is release during container handling it remains within the containment area.
- ▶ EPA shared information with the municipalities as Community Updates.



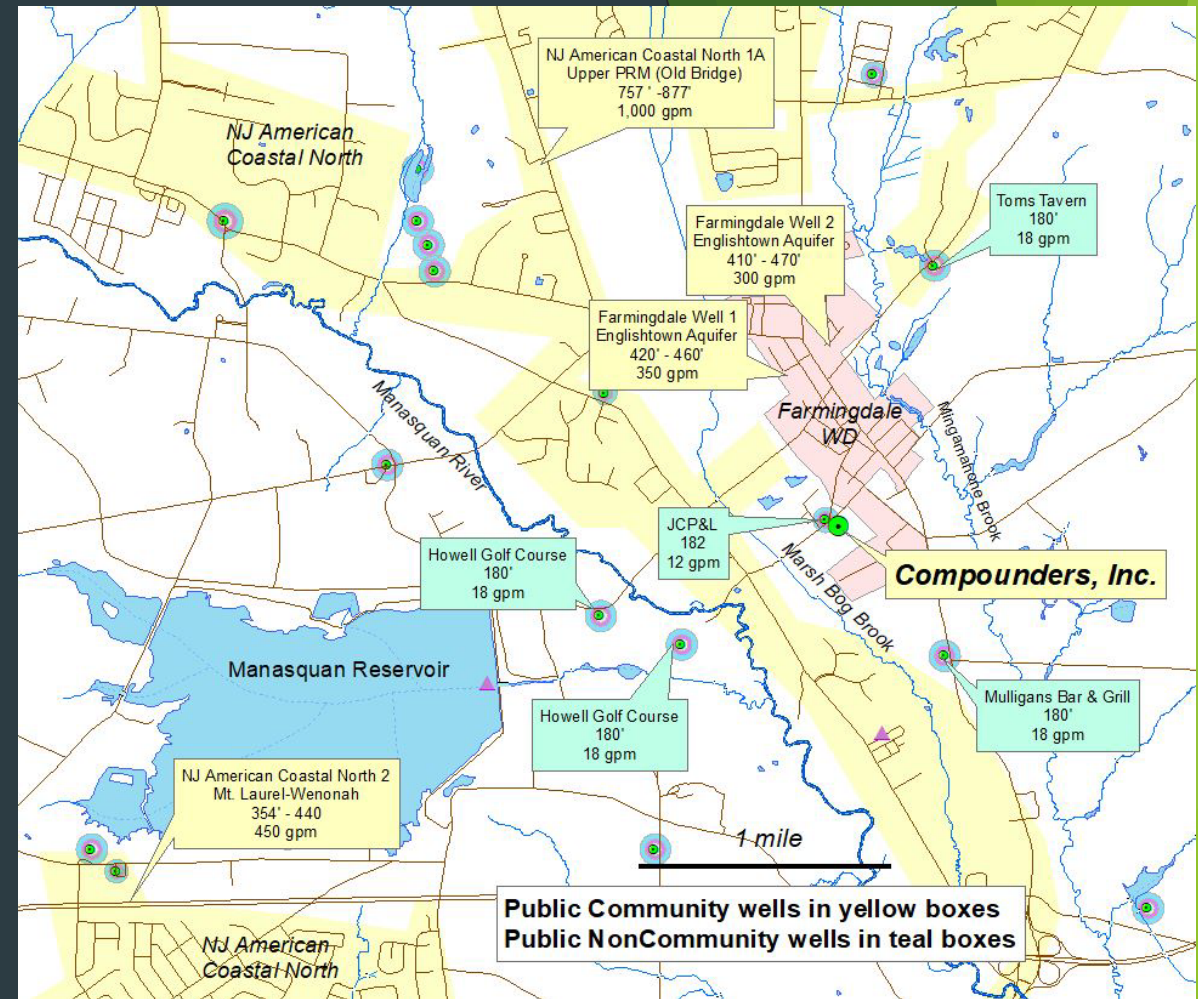
Potential Soil and Groundwater Impacts of Site Activities

- ▶ The site is subject to cleanup under New Jersey's Site Remediation Reform Act, overseen by a NJDEP Licensed Site Remediation Professional (LSRP). EPA is coordinating with the NJDEP's Contaminated Site Remediation and Redevelopment Program on matters related to the remediation of the property. Once the immediate on-site threat of the drums has been secured and removed from the property, the NJDEP will refer the site to EPA for a full site assessment.
- ▶ The site is not in or near any public community water supply well head area. NJDEP has notified all nearby community water systems, and all sampling is up to date with no violations. The results were all non-detect for Volatile Organic Compounds and Synthetic Organic Compounds.
- ▶ EPA and NJDEP determined that a well search radius of 500 feet from the property be conducted. At this time, one potable well was located. It was being sampled for Volatile Organic Compounds, Polyaromatic Hydrocarbons, Metals, and Extractable Petroleum Hydrocarbons. All results came back below the applicable drinking water criteria.
- ▶ The surface water intake on the Manasquan River is about four miles downstream from the site. NJ Water Supply Authority has been alerted by EPA and NJDEP. There is no immediate threat to the river.
- ▶ ATSDR, NJDOH and MCHD have been brought in to assist with health-based determinations.
- ▶ A 1-mile radius well search was conducted and a well canvas completed in November 2023. EPA is currently coordinating a sampling event for 11 properties.

NJDEP Well Search Results

Estimated number of wells within 1 mile of Compounders, Inc.

Use of Well	Distance Range			Total
	<500'	500' - 1,000'	1,000' - 2,500'	
Domestic	3	0	6	18
Industrial	0	0	0	0
Irrigation	0	0	2	2
Public water supply	0	0	0	2
Public non community	1	0	0	3



Notes - The notes are not for public display, internal information only.

- These are based on well permits and records on file with the Bureau of Water Allocation and Well Permitting, DWSG, and on reports of nearby domestic wells from NJDEP/SRP.
- The estimate of domestic wells is based on recent, accurate records. Older wells may not be included.
- Total number of domestic wells within 1 mile of the site may be on the order of 50 based on aerial photo count of homes outside the mapped purveyor service areas.

Field canvassing is needed to determine the actual number and location of nearby wells. For example, well permitting has records for only 1 domestic well on Marl Road, at the Compounders site (#15).

Hazard Categorization and Inventory

- ▶ Drums: 609
 - ▶ 55-gallon drum
 - ▶ Variation of material: asphalt, coal tar, plastic beads/polymers, flammables, corrosives, resins, waxes, and solvents.
 - ▶ Heavy metals, PCBs, PAHs.
- ▶ Small containers: 1,380
 - ▶ 2 oz - 35 gal.
 - ▶ Cans of Aroclors, metal shavings/dust, corrosives, flammables, amines, toxics
- ▶ Tanks: 7
 - ▶ 12,000- 35,000 gal
 - ▶ 1 residual, 2 half full; estimates at 12,000 lbs

Hazard Categorization and Inventory (cont'd)

- ▶ Approximately 290 drums contained what resembles asphalt, coal tar, or mixtures of these substances.
 - ▶ Found the presence of other hazardous substances within a subset of our waste characterization samples; lead, butylbenzylphthalate, acetone.
 - ▶ Found wide variations of compounds usually found in petroleum products; BTEX, naphthalene, xylenes, PAHs.
 - ▶ Believed to be drummed waste.
 - ▶ EPA continues to conduct research on applicability of CERCLA petroleum exclusion.
 - ▶ “The term [hazardous substance] does not include petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or designated as a hazardous substance...”
 - ▶ Coordinated with the NPFC to assist in interpret the composition of the material and waste characterization data.

Summary

- ▶ A number of variables encountered during the removal action have led to the delays in disposal. Coordination ongoing.
- ▶ Integrated assessment multimedia sampling event completed in November 2023. Well sampling is currently being coordinated.