



Department of
Environmental
Conservation

Tonawanda Community Working Group

Superfund and Brownfield Progress Update

March 26, 2025

Brownfield Site

Riverview Innovation &
Technology Campus,
#C915353



Department of
Environmental
Conservation

Work Plan/Report	Submitted	Status	Progress
Interim Site Management Plan (ISMP)	3/6/2020	DEC Approved	Continuous
Light Oil Area Secondary Containment Investigation Work Plan	3/6/2020	DEC Approved	Complete
Remedial Investigation Work Plan	3/12/2020	DEC Approved	Complete
Stormwater Pollution Prevention Plan	3/12/2020	DEC Approved	Continuous
Storm Sewer IRM Work Plan	4/12/2020	DEC Approved	Complete
Mixing Pad IRM Work Plan	5/5/2020	DEC Approved	Complete
PCC Excavation Work Plan	5/11/2020	DEC Approved	Complete
ISMP - Work Scope 2	5/11/2020	DEC Approved	Complete
Container Management IRM Work Plan	6/17/2020	DEC Approved	Complete
ISMP - Work Scope 3	7/6/2020	DEC Approved	Complete
Storm Sewer IRM Phase 1 Report	8/5/2020	DEC Approved	Complete
Abandoned Pipeline IRM Work Plan	8/19/2020	DEC Approved	Complete
PCC Grading Concept Plan	9/10/2020	DEC Approved	Complete
South Road Reconstruction Plan	11/17/2020	DEC Approved	Complete
Surface Water Phase 3 Work Plan	12/22/2020	DEC Approved	Complete

Work Plan/Report	Submitted	Status	Progress
AST Management Work Plan	12/23/2020	DEC Approved	Field Work Complete
Abandoned Pipeline IRM Report	1/20/2021	DEC Approved	Complete
Building Demolition Work Plan	1/26/2021	DEC Approved	Field Work Complete
PBS/CBS Tank Work Plan	2/15/2021	DEC Approved	Field Work Complete
Access to Coal Breaker Building	2/15/2021	DEC Approved	Complete
Secondary Containment Investigation Work Plan	3/10/2021	DEC Approved	Field Work Complete
Box Culvert Lining Work Plan	4/2/2021	DEC Approved	Complete
Supplemental Remedial Investigation	5/28/2021	DEC Approved	Field Work Complete
Mixing Pad Cleaning Completion Report	6/21/2021	DEC Approved	Complete
Byproducts Pipe Sealing Work Plan	6/30/2021	DEC Approved	Complete
Concrete Settling Pond Cleaning	6/30/2021	DEC Approved	Complete
Lime Still IRM Work Plan	7/14/2021	DEC Approved	Field Work Complete
Coke Oven Gas Bench Scale Testing	8/13/2021	DEC Approved	Complete
PFAS Sampling Work Plan	8/19/2021	DEC Approved	Complete
COG Pipe and Residual IRM Work Plan	8/25/2021	DEC Approved	Field Work Complete
Groundwater Treatment Plant IRM	10/5/2021	DEC Approved	Ongoing

Work Plan/Report	Submitted	Status	Progress
Groundwater Treatment Plant IRM – Addendum	2/15/2022	DEC Approved	Ongoing
Remedial Investigation Report (RIR)	3/11/2022	DEC Review	Complete
Process Equipment Removal IRM WP	4/14/2022	DEC Approved	Field Work Complete
ST24 Secondary Containment WP	5/31/2022	DEC Approved	Complete
Alternatives Analysis Report	6/30/2022	DEC Review	Complete
ST24 Bioremediation IRM Work Plan	9/23/2022	DEC Approved	Field Work Complete
Pre-Design Investigation Work Plan	11/10/22	DEC Approved	Ongoing
Pump House Sampling Work Plan	12/1/22	Rescinded	Rescinded
Junction Building NAPL Removal	1/11/23	DEC Approved	Field Work Complete
Solidification IRM WP	8/16/23	DEC Approved	Field Work Complete
Breeze Adsorption Testing Work Plan	8/30/23	DEC Approved	Complete
Breeze Adsorption Testing Report	10/5/2023	DEC Approved	Complete

Work Plan/Report	Submitted	Status	Progress
Radiological Work Plan	12/4/23	DEC Approved	Field Work Complete
ST21-ST23 Investigation Memo	2/13/24	DEC Review	RITC to Revise
IRM Data Package	3/14/24	DEC Review	N/A
Ammonia SCO Development Work Plan	4/19/24	DEC Approved	Ongoing
ST24 Bioremediation IRM Report	7/16/24	DEC Approved	Complete
ST21-23 Bioremediation RAWP	9/12/24	DEC Approved	Ongoing
Radiological Investigation Report	9/17/24	DEC Review	
Satellite Areas Solidification RAWP	10/10/24	DEC Approved	Ongoing
AST Management CCR	3/11/25	DEC Review	
PBS/CBS Tan Management CCR	3/17/25	DEC Review	



Tank Removal IRMs

- On-site tanks were addressed by two different interim remedial measures (IRMs).
 - Aboveground Storage Tank Management Interim Remedial Measures Work Plan [January 2021]
 - CBS and PBS Tank Closure Work Plan [April 2021]
- Tank removal activities started in March 2021 and concluded in July 2023.

Tank Removal IRMs



Aboveground Storage Tanks (ASTs)

- Work Plan covered 46 different tanks and vessels (such as rail cars).
- Tank use varied: storage tanks, intermediate process tanks, water treatment, etc.
- Listed hazardous wastes were present in 5 of the tanks. Several of the tank contained characteristic hazardous wastes.

Aboveground Storage Tanks (ASTs)



Petroleum and Chemical Bulk Storage (PBS and CBS) Tanks

- Work Plan covered 10 different tanks.
- Tanks were all subject to either petroleum bulk storage or chemical bulk storage regulations. Tanks were used by Tonawanda Coke Corporation for the storage of new products.

Tank Removal IRMs

- Construction Completion Reports (CCRs) were submitted to DEC in March 2025.
- CCRs detail how the tanks were closed, what the contents were, where the contents were disposed of, summarize any deviations from the approved work plans.
- Each CCR will be certified by a NYS licensed professional engineer.

Superfund Site

Tonawanda Coke, #915055



Investigation Status

Site 108:

- Revised Remedial Investigation Report (RIR) was submitted to DEC on October 3, 2023.
- Feasibility Study (FS) submitted to DEC on June 29, 2024.
- DEC finalizing comments on the FS and expects to provide them to Honeywell by March 31, 2025

Investigation Status

Site 109:

- Remedial Investigation Report and Focused Feasibility Study are approved.
- DEC issued the Amended Record of Decision (AROD) on June 4, 2024.
- A Remedial Design was submitted in August 2024, with DEC comments sent in September 2024. Awaiting a Remedial Action Work Plan in response to comments.
- Partial removal of the berm and installation of a new electrical service line is ongoing.

Investigation Status

Site 110:

- Remedial Investigation Report submitted to DEC on October 26, 2023. Made publicly available November 1, 2023.
- Revised Focused Feasibility Study submitted November 15, 2024, pending DEC review and response.

Thank You

NYSDEC Project Manager:

Benjamin McPherson

700 Delaware Avenue

Buffalo, NY 14209

(716) 851-7220

benjamin.mcpherson@dec.ny.gov

NYSDOH Project Manager:

Angela Martin

Bureau of Environmental
Exposure Investigation

Corning Tower, Room 1787

Albany, NY 12237

(518) 473-4671

bee@health.ny.gov

