



Department of  
**Environmental  
Conservation**

# **Tonawanda Community Working Group**

## **Superfund and Brownfield Progress Update**

**December 15, 2021**



Author: Ben McPherson Revised: 10/9/2020 N:\private\R9\Tonawanda Coke\Figure 1 - Site Location Map.mxd

# Brownfield Site

Riverview Innovation &  
Technology Campus,  
#C915353

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 (field)
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	Ongoing
Abandoned Pipeline IRM Report	1/20/2021	DEC Approved	Complete
Building Demolition Work Plan	1/26/2021	DEC Approved	Ongoing
PBS/CBS Tank Work Plan	2/15/2021	DEC Approved	Ongoing
Access to Coal Breaker Building	2/15/2021	DEC Approved	Complete
Secondary Containment Investigation Work Plan	3/10/2021	DEC Approved	Ongoing
Box Culvert Lining Work Plan	4/2/2021	DEC Approved	Complete
Supplemental Remedial Investigation	5/28/2021	DEC Approved	Complete (field)
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	Pending
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	Ongoing
Groundwater Treatment Plant IRM	10/5/2021	Under Review	N/A

# Groundwater Treatment System

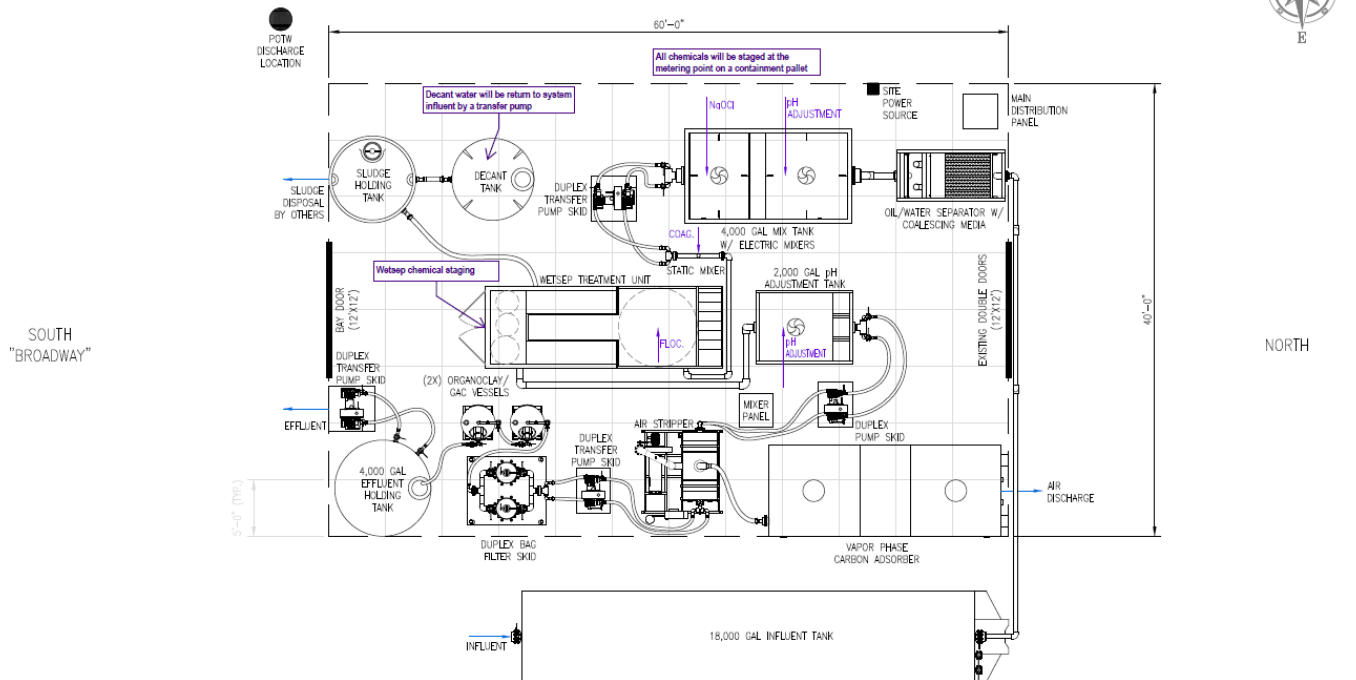
- Designed to capture and treat groundwater surrounding the by-products area.
- Will treat both organic compounds and inorganics present in site groundwater.
- Initial discharge from system will be to the Town of Tonawanda (pending authorization).
- After system is fully operational, RITC may apply for a SPDES 'permit equivalent' that would allow for discharge of the treated water to the existing Outfall 001.

# Groundwater Treatment System



# Groundwater Treatment System

## TEMPORARY TREATMENT SYSTEM OVERALL PLAN VIEW



### NOTES:

1. DESIGN FLOW RATE: 35-75 GPM
2. SYSTEM FOOTPRINT APPROXIMATELY 40'x60'
3. NOT ALL VALVES, CONNECTIONS, ETC. SHOWN FOR CLARITY
4. ELECTRICAL POWER BY OTHERS

Figure 3  
Proposed Treatment System Layout



# Superfund Site

**Tonawanda Coke, #915055**

# Investigation Status

## Site 108:

- All field work completed.
- Remedial Investigation Report anticipated in early January 2022.

## Site 109:

- All field work completed.
- Remedial Investigation Report anticipated in February 2022.

## Site 110:

- All field work completed.
- Remedial Investigation Report anticipated in February 2022.

## Off-Site Ponds

- Site Characterization Report submitted October 21, 2021.



# Thank You

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