



Department of
Environmental
Conservation

Tonawanda Community Working Group

Brownfield Progress Update

September 13, 2023

Brownfield Site

Riverview Innovation &
Technology Campus,
#C915353



Department of
Environmental
Conservation

Alternatives Analysis Report (AAR)

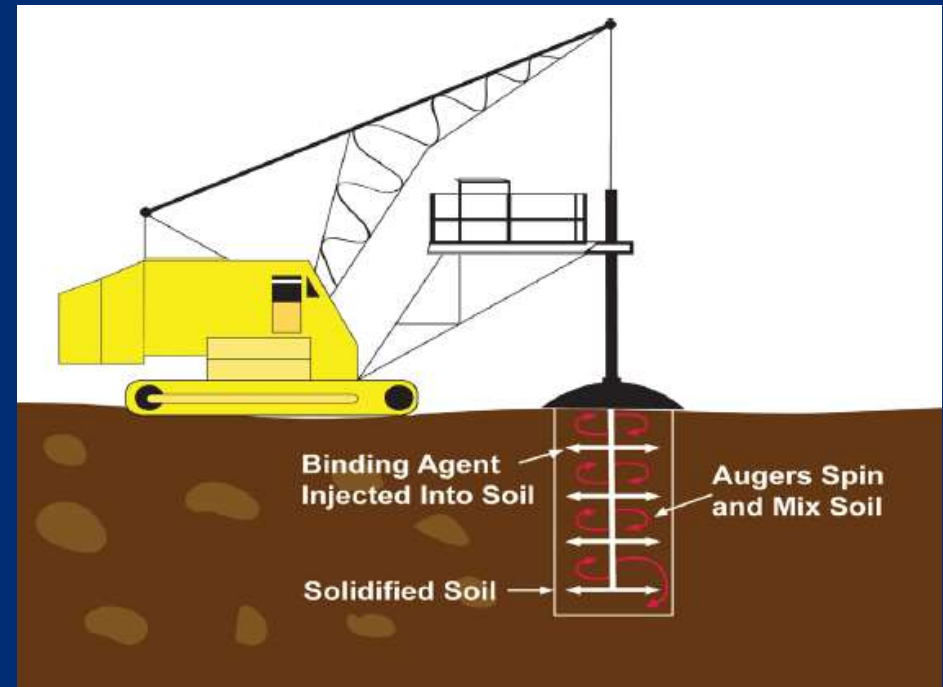
- Revised Alternatives Analysis Report (AAR) evaluates seven alternatives.
- Most alternatives include a split of Track 1 and Track 4 areas.
 - Track 1: allows for unrestricted use.
 - Track 4: allows for restricted use, with engineering and institutional controls.
- DEC has also requested that a Track 1 alternative be evaluated for the entire site.

Solidification IRM

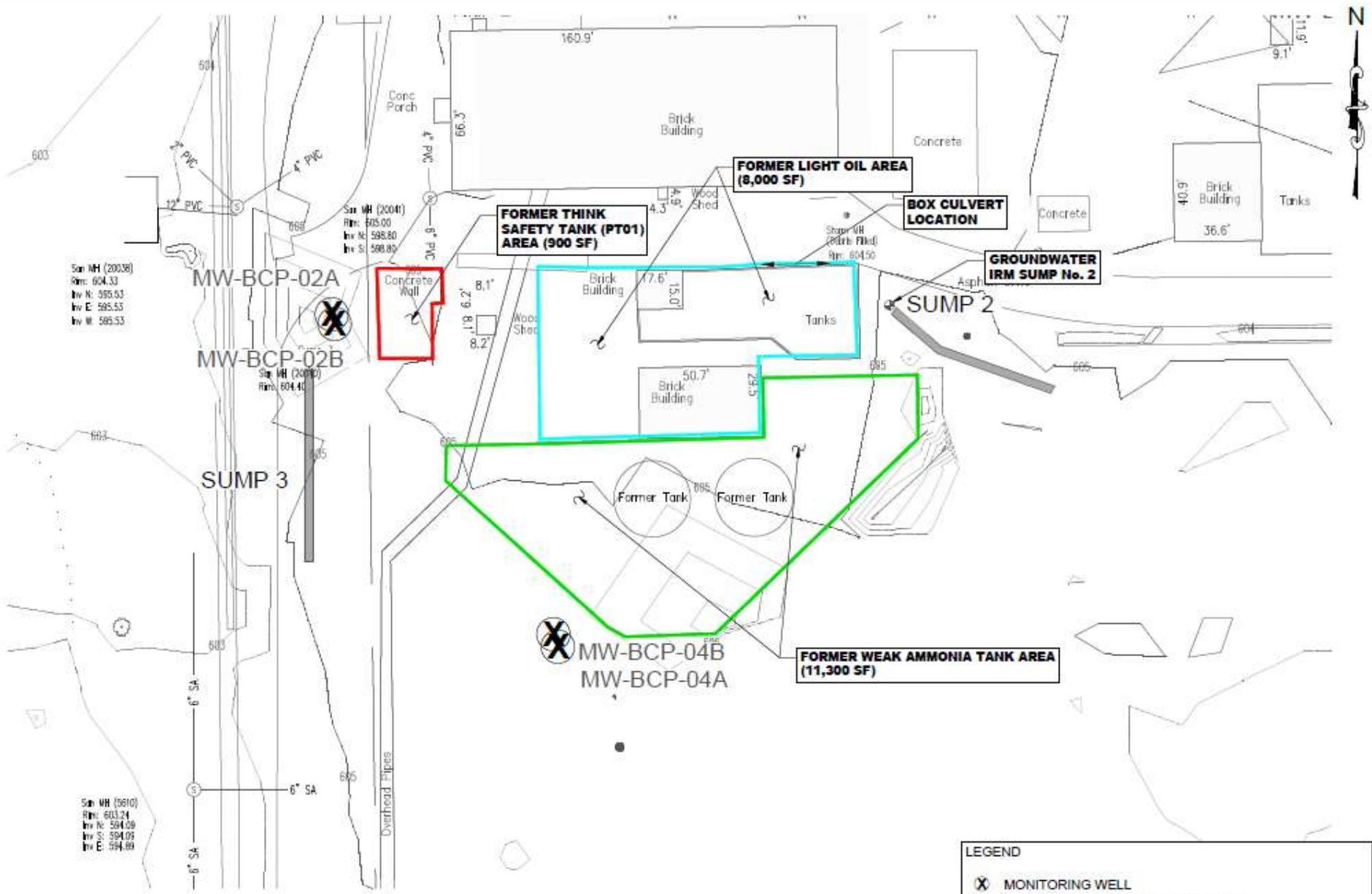
- Since submission of the AAR, RITC has proposed to complete solidification work as an IRM in some of these areas to address the ongoing impacts to the northern stormwater system.
- Due to the overlap with the review of the AAR, DEC wanted to bring this to the attention of the TCWG.
- If this IRM is completed, it is not a final remedy determination.

Solidification IRM

- Several of the alternatives include some amount of solidification or stabilization of contaminant source areas.
- Solidification: binds the waste in a solid block of material and traps it in place.
- Stabilization: causes a chemical reaction that makes contaminants less likely to be leached.



USEPA, 2012



San MH (20038)
Rim: 604.33
Inv N: 595.53
Inv E: 595.53
Inv W: 595.53

San MH (20041)
Rim: 605.00
Inv N: 598.80
Inv S: 598.80

San MH (20016)
Rim: 604.40

San MH (0610)
Rim: 603.24
Inv N: 594.09
Inv S: 594.09
Inv E: 594.09

DESIGNED BY	DATE
CHECKED BY	DATE
APPROVED BY	DATE
PROJECT OF NEW YORK UNDER THE ENVIRONMENTAL CONSERVATION LAW AND REGULATIONS AND THE STATE ENVIRONMENTAL CONSERVATION LAW AND REGULATIONS. THE PROJECT IS BEING CONDUCTED UNDER THE AUTHORITY OF THE STATE ENVIRONMENTAL CONSERVATION LAW AND REGULATIONS. A LICENSED PROFESSIONAL ENGINEER HAS PREPARED THIS PLAN. THE PLAN IS TO BE USED IN CONNECTION WITH THE PROJECT. THE LICENSED PROFESSIONAL ENGINEER IS NOT RESPONSIBLE FOR THE PROJECT'S PERFORMANCE OR FOR THE ACCURACY OF THE INFORMATION PROVIDED BY OTHERS. THE LICENSED PROFESSIONAL ENGINEER IS NOT RESPONSIBLE FOR THE PROJECT'S PERFORMANCE OR FOR THE ACCURACY OF THE INFORMATION PROVIDED BY OTHERS.	

FORMER THINK SAFETY, WEAK AMMONIA, &
LIGHT OIL TARGET AREAS
3875 RIVER ROAD
TOWAWANDA, NY 14150

INVENTUM ENGINEERING
441 CARLISLE DRIVE
SUITE C
HERNDON, VIRGINIA 20170
(703) 722-6049
www.InventumEng.com

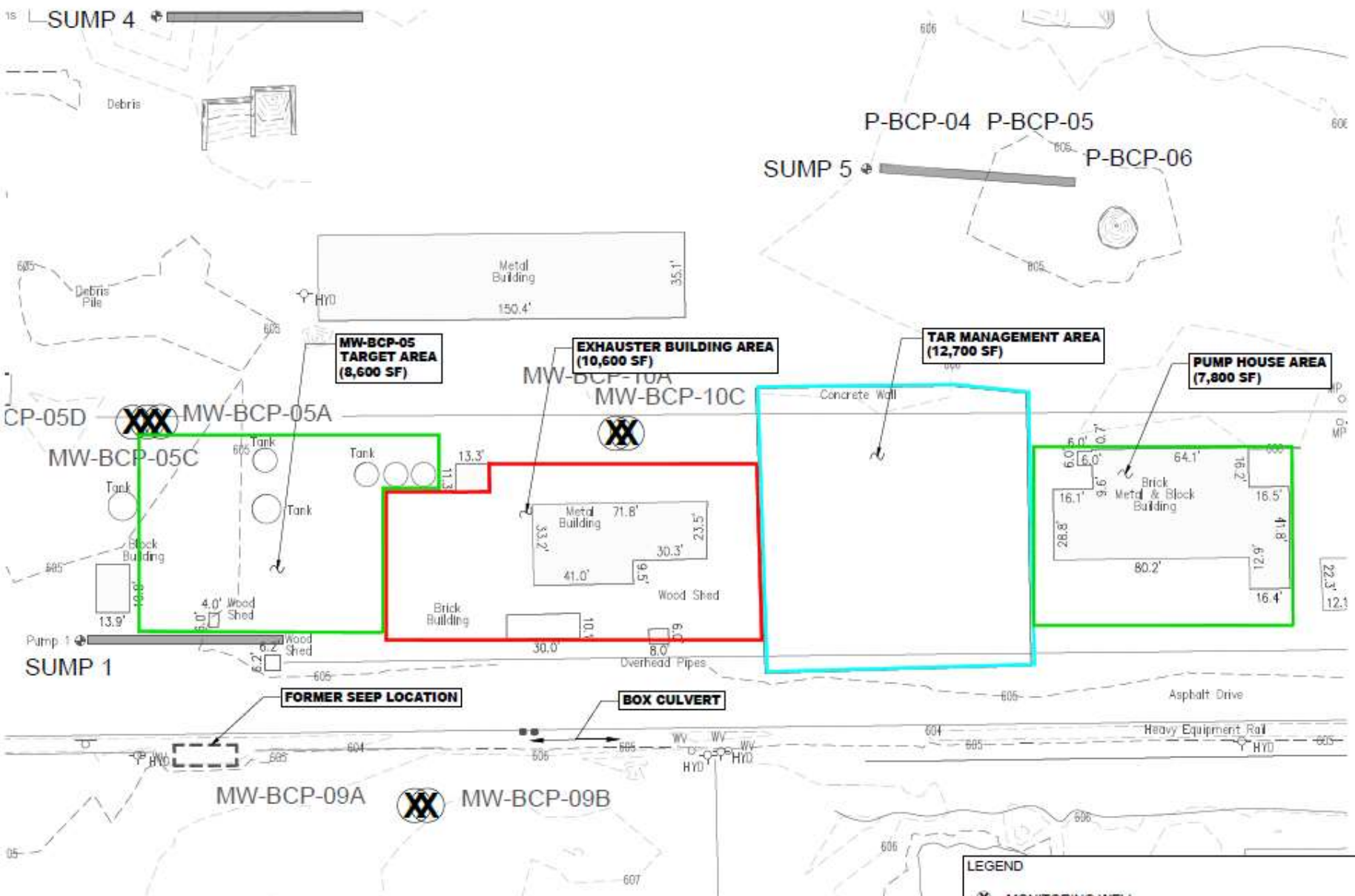
FIGURE 2 - 3
PDIWP ADDENDUM

	MONITORING WELL
	GROUNDWATER COLLECTION SUMP

D



As shown Report Contains All Work. Any other notes or drawings are to be read in conjunction with the Report and all other drawings.



LEGEND

- MONITORING WELL
- GROUNDWATER COLLECTION SUMP

DATE PLOTTED	08/11/2011
DATE REVISED	08/11/2011
DATE APPROVED	08/11/2011

APPROVED BY: [Signature]

PROJECT: [Project Name]

SCALE: [Scale]

DATE: [Date]

FORMER PRODUCTION TARGET AREA
 3875 RIVER ROAD
 TONAWANDA, NY 14150

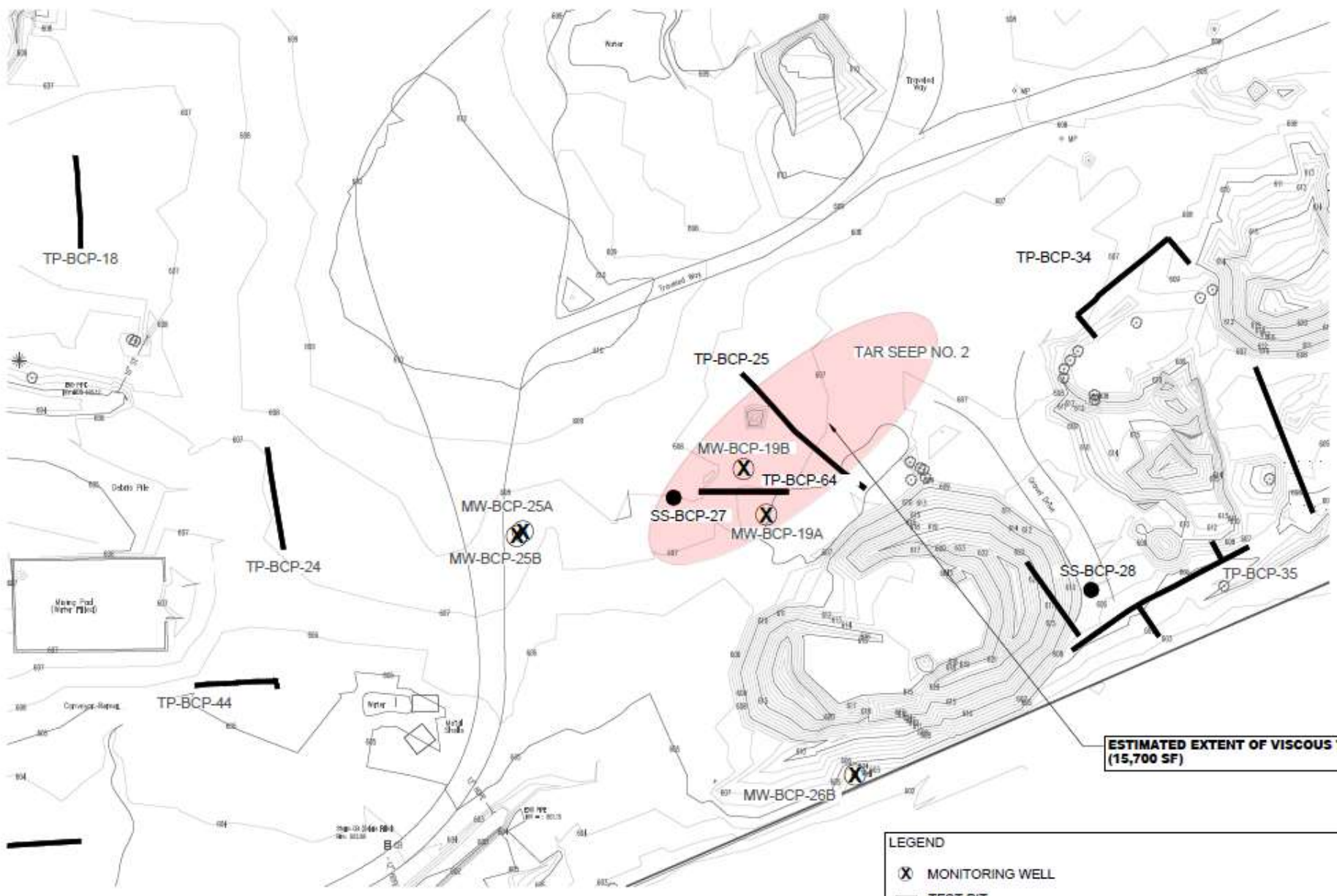
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FIGURE 2-4
 PDIWP ADDENDUM

D

Scale bar: 0, 10, 20, 30, 40, 50, 60, 70, 80, 90, 100 feet

Source: [Source Information]



LEGEND

- MONITORING WELL
- TEST PIT
- PRE-DESIGN INVESTIGATION BENCH SCALE SAMPLE LOCATION

DATE	DESCRIPTION

TAR SEEP No. 2 AREA
 3875 RIVER ROAD
 TONAWANDA, NY 14150

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FIGURE 2 - 5
 PDIWP ADDENDUM

D

Solidification IRM

- Next Steps:
 - DEC provided comments on draft work plan on August 22, 2023. A revised work plan was submitted September 8, 2023.
 - A revised AAR was submitted on September 8, 2023. If DEC/DOH comments have been substantially addressed, DEC will begin the public comment process.

Thank You

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