

MEMORANDUM

TO: John Hunt
Wisconsin Department of Natural Resources
223 E Steinfest Road
Antigo, WI 54409

FROM: Antea Group, on behalf of BP Products North America Inc

DATE: 27 July 2021

RE: Semi Annual Report Submittal
Former Amoco Superior Terminal
Superior, WI 54880
(BRRTS #02-16-297979, BRRTS #02-16-117873, BRRTS #02-16-000331)

Dear Mr. Hunt,

Antea Group is submitting this memo to summarize field activities completed from January to June 2021 at the Former Amoco Terminal BRRTS #02-16-000331, the Former Amoco Manifold/AST Area BRRTS #02-16-117873, and Barge Dock BRRTS #02-16-297979 in Superior, WI. Activities completed during this time will be further detailed in an annual report submitted for the site in January 2022. The following summarizes field activities completed January 1 through June 30, 2021:

- Seasonal operation of the Phase II LNAPL recovery system resumed on April 28, 2021 and the system operated without interruption through June 30, 2021. The system recovered 504 gallons of LNAPL during this operating period.
- A pneumatic pump was installed into LRMW-7 on April 28, 2021 and connected to the existing air line for the Phase II system for temporary product recovery. The pump was used for product recovery while field personnel were onsite until May 27, 2021, at which time, due to the lack of sustained product recovery from the well, the pump was removed. During product recovery via the pneumatic pump, 6.2 gallons of LNAPL was recovered. Regular gauge and bail events during system maintenance have been completed at LRMW-7 since the pump was removed, recovering 11 gallons of LNAPL through June 30, 2021.
- A pneumatic pump was installed into MRW-3 on April 28, 2021 and connected to the existing airline for the Phase II system for temporary product recovery. Total LNAPL recovery from MRW-3 through June 30, 2021 was 65.2 gallons.
- Semi-annual groundwater sampling was performed from May 25 to May 27, 2020 and included sampling of 18 wells for laboratory analysis of benzene, toluene, ethylbenzene, xylene, (BTEX), MTBE, TMBs, and naphthalene.
- A full site gauging of 118 wells was conducted in conjunction with semi-annual sampling.
- Gauge and bail activities were conducted at 2 Barge Dock wells , LRMW-7 and MWAST-4. A total of 32.0 gallons have been recovered through June 30, 2021.
- Gauge and bail activities were conducted at 4 Terminal wells, RW-06, MW-23, EW-11, and MW-32. A total of 34.6 gallons have been recovered through June 2021.

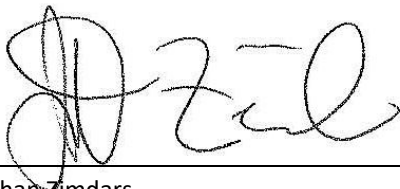
- An initial request for the abandonment of wells MW-3, MW-23, and RW-06 to accommodate the neighboring property facility expansion (FedEx), titled Well Abandonment Work Plan, was included as an attachment to a Request to Manage Materials Form 4400-315, submitted by BBJ Group on May 28, 2021. An addendum to the Well Abandonment Work Plan, with an additional request to abandon wells EW-09 and EW-10, was submitted by BBJ group on June 14, 2021. Document review and approval to abandon the five monitoring and recovery wells without replacement remains pending with the WDNR.

A report summarizing 2021 field activities will be submitted by January 31, 2022. Please contact Antea Group (Jonathan.Zimdars@AnteaGroup.us, LayneKortbein@AnteaGroup.us) if you have any questions.



Layne Kortbein
Project Professional
+1 608 408 9954
Layne.Kortbein@anteagroup.us

Date: 7/27/2021



Jonathan Zimdars
Consultant
+1 651 697 5219
Jonathan.Zimdars@anteagroup.us

Date: 7/27/2020