From: Jacques, Matthew C - DNR
To: DOT Hazmat Unit; Jahns, Anna H - DOT
Cc: Barta, Andrew H - DNR; Lawson, Erica; Haak, Daniel
Subject: DOT Sauk Co project #5637-02-01 Letter of Concurrence
Date: Monday, February 5, 2024 10:55:00 AM

Good morning Anna and Shar,

DNR has reviewed the Phase 2.5 Investigation submitted to the Department of Natural Resources (DNR) on January 12, 2024 for the Baraboo, Reedsburg, and Rock Springs, Sauk County, Wisconsin (WisDOT Project ID #5637-02-01) project. The project scope is to upgrade and replace curb ramps and short stretches of sidewalk along numerous state highways in Sauk County, Wisconsin. This email serves as the DNR concurrence with the Phase 2.5 Investigation with the following comments and recommendations:

- Historic Site Contamination/Site History & Phase 2.5 Comments: 11 sites with potential for contaminated soil to be encountered during the WisDOT construction were identified in Reedsburg and Baraboo.
    - Site 1: Reedsburg Cleaners at 349 E Main St, Reedsburg, WI. SB-1 and SB-2. Consists of one closed BRRTS activity (NAR in 1991 BRRTS #09-57-546737), and two open BRRTS activities. This site is a former gas station.
        - #03-57-002801 is an open LUST case from 1996. Three underground storage tanks were abandoned and are the source of petroleum contamination on site.
        - #02-57-001682 is an open ERP case from 1995. Related to the above case. Contaminated vapor may be present on site. 10-15 gallons of Tetrachloroethylene was spilled on site and seeped through cracks in concrete.
        - DOT Sampling Results
            - SB-1 was tested for VOCs, DRO, GRO, and lead. Lead and DRO were detected below their RCLs.
            - SB-2 was tested for VOCs. No VOCs were detected.
        - PCE impacted soil may be present.
    - Site 2: Spellman Monument at 403 E Main St, Reedsburg, WI. SB-3 and SB-4.
        - #03-57-001103 is a closed LUST site with continuing obligations. It closed in 2015. Pavement must be maintained over the contaminated soil for protection of groundwater. DNR must be notified of any changes to this barrier.
        - This is a former gasoline station with petroleum contamination in soil and groundwater. The contamination was addressed using soil vapor extraction, and free product extraction using a vacuum truck.
        - If petroleum contamination is encountered, manage appropriately.
        - DOT Sampling Results
            - SB-3 was tested for PVOCs. No PVOCs were detected.
            - SB-4 was tested for PVOCs, DRO, GRO, and lead. GRO and lead were detected below their RCLs.
        - Post Closure Modifications
            - Groundwater historically at 17 to 22 feet below surface. Sandstone is at shallow depths. Petroleum product vapors will likely occur during reconstruction. Bulk of work on the northeast corner is directly over impacted soils.
    - Site 3: Meyers 76 at 441 E Main St, Reedsburg, WI. SB-5 and SB-6.
        - #03-57-001079 is a closed LUST site with continuing obligations. It was closed in 1999 with monitoring well abandonment and groundwater use restrictions obligations.
        - DOT Sampling Results
            - SB-5 was tested for PVOCs. No PVOCs were detected.
            - SB-6 was tested for PVOCs, DRO, GRO, and lead. DRO and lead were detected below their RCLs.
    - Site 4: Verns Garden Center at 640 E Main St, Reedsburg, WI. SB-7 and SB-8.
        - #09-57-292183 is a closed site that received a NAR determination in 1992.

        - DOT Sampling Results
            - SB-7 was tested for PVOCs, DRO, GRO, and lead. DRO and lead were detected below their RCLs. It should be noted that the sample detected lead at 26.9 mg/kg, just slightly below the NR 720 soil to groundwater pathway.
            - SB-8 was tested for PVOCs. No PVOCs were detected.
    - Site 5: COOP County Partners at 306 E Main St, Reedsburg, WI.
        - #03-57-211051 is a closed LUST site with continuing obligations. It was closed in 2003 with monitoring well and concrete cap obligations. The site was contaminated with trimethylbenzenes, benzene, ethylbenzene, total xylene, and MTBE.
        - No soil samples were collected at this site, and DNR does not recommend further investigation.
    - Site 6: Leuths Mobil at 1001 S Main St, Reedsburg, WI. SB-9 and SB-10.
        - #03-57-001145 is a closed LUST site with continuing obligations. Contamination consisted of residual petroleum contaminated soils with gasoline range organic compound concentrations as high as 1,100 mg/kg and total xylene concentrations as high as 25 mg/kg. The soil was not excavated, but continuing obligations state that no well may be constructed or reconstructed on this property.
        - DOT Sampling Results
            - SB-9 was tested for PVOCs. No PVOCs were detected.
            - SB-10 was tested for PVOCs, DRO, GRO, and lead. DRO and lead were detected below their RCLs.
    - Site 7: Hasselberg Property at 401 Broadway St, Baraboo, WI. SB-15 and SB-16.
        - #03-57-002484 is a closed LUST site. It closed in 1994.
        - DOT Sampling Results
            - SB-15 was tested for PVOCs, DRO, GRO, and lead. DRO and lead were detected below their RCLs.
            - SB-16 was tested for PVOCs. No PVOCs were detected.
    - Site 8: Johnsen Insurance Agency at 402 Broadway St, Baraboo, WI. SB-17 and SB-18.
        - #03-57-151984 is a closed LUST site. It closed in 1998.
        - DOT Sampling Results
            - SB-17 was tested for PVOCs, DRO, GRO, and lead. DRO and lead were detected below their RCLs.
            - SB-18 was tested for PVOCs. No PVOCs were detected.
    - Site 9: Smith Oil Service at 701 Broadway St, Baraboo, WI. SB-13 and SB-14.
        - #03-57-002344 is a closed LUST site with continuing obligations. It closed in 2016. Soil and groundwater were contaminated by petroleum on site. Response actions included a vapor extraction system, and removal of petroleum product from affected monitoring wells. Obligations consists of proper management of soil should it be excavated, and pavement over the affected soil. DNR must be notified should any changes occur to this barrier.
        - DOT Sampling Results
            - SB-13 was tested for PVOCs. No PVOCs were detected.
            - SB-14 was tested for PVOCs, DRO, GRO, and lead. DRO and lead were detected below their RCLs.
        - Post Closure Modifications
            - Historic depth to water is 40 feet or more. Petroleum vapor smells may be encountered during related road reconstruction.
    - Site 10: Broadway 66 Self Service at 805 Broadway St, Baraboo, WI. SB-11 and SB-12.
        - #03-57-002074 is a closed LUST site with continuing obligations. It closed in 2020. PVOCs and naphthalene contaminated soil and groundwater in 1993. Reponses included groundwater pump and treat and soil vapor extraction. Obligations consists of residual soil contamination and a pavement over contaminated soil. DNR must be notified and approve any excavation or removal of soil, or of any changes to the pavement barrier.
        - DOT Sampling Results
            - SB-11 was tested for PVOCs. No PVOCs were detected.
            - SB-12 was tested for PVOCs, DRO, GRO, and lead. DRO and lead were

detected below their RCLs.
    - Post Closure Modifications
        - Historic depth to water is 40 feet or more. Petroleum smells may be encountered during related road reconstruction.
  - Site 11: Veolia Environmental Services Former at 300 Water St, Baraboo WI. Consists of two BRRTS cases.
    - #02-57-556945 is a closed ERP site with continuing obligations. It was closed in 2013. The site is a former solid waste transfer that had PAHs, lead, and cadmium contamination in soil and groundwater. The property was capped with clean soil. Obligations consists ofs residual soil contamination that should be properly managed if excavated, and a barrier that must be maintained over contaminated soil. Any changes to this barrier must be approved by DNR.
    - #06-57-556947 is a closed VPLE site and is related to the BRRTS case described above. A certificate of completion was issued.
    - No soil samples were collected at this site, and DNR does not recommend further investigation.
    - Post Closure Modifications
        - No major concerns
- Phase 2.5 ESA Comments in Summary:
  - In total, there were 18 soil borings across 9 sites. 2 sites (Site 5 and Site 11) did not require soil borings or soil sampling.
  - It was reported that samples were received by the lab exceeding the temperature limits, which may have potential low bias in the analytical results.
  - DRO was detected or "J-" flagged (estimated) in 9 samples below 3.0 mg/kg.
  - No VOCs were detected.
  - Lead was detected in 9 samples at concentrations below their NR 720 RCLs.
  - No additional investigation of sites in Rock Springs is recommended.
  - Groundwater was not encountered and is not anticipated to be during construction.
  - Contaminated soil was not encountered and is not anticipated to be during construction.
- Special Provisions Comments in Summary:
  - If previously unidentified contamination is present, notify DNR.
  - DNR recommends including language for how contaminated soil and/or groundwater would be managed or disposed of, should they be encountered.
  - Cap modifications will be replaced in kind.

No additional investigation is recommended by DNR for this Phase 2.5 ESA and its associated special provisions.

If you have any questions or concerns, please let me know.

Thanks,
Matt Jacques

We are committed to service excellence.

Visit our survey at http://dnr.wi.gov/customersurvey to evaluate how I did.

Matt Jacques
Hydrogeologist - LTE – Remediation and Redevelopment
Wisconsin Department of Natural Resources
3911 Fish Hatchery Road, Fitchburg, WI 53711
Cell: 608-977-1646
matthew.jacques@wisconsin.gov