

## Pfeiffer, Jane K - DNR

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**From:** Pfeiffer, Jane K - DNR  
**Sent:** Tuesday, October 6, 2020 3:03 PM  
**To:** Brian Kappen  
**Cc:** danmartinosr@aol.com  
**Subject:** Martinos (02-30-552186) - Request for Additional Information

Greetings,

On September 3, 2020, the DNR reviewed the case closure request for the above-referenced site, and has determined that the following next steps are required:

### Degree and extent of contamination in all affected media

1. Contaminated soil delineation: Provide justification for the delineation of soil contamination north of the alley and west of the source area (i.e. 3931-A, 3931, 3933, and 3935 52<sup>nd</sup> St.) or collect additional soil samples in this area.
2. Preferential migration pathway for groundwater contamination: A sand seam was identified in soil boring PZ-5 from approximately 19.5 to 27 feet below ground surface (ft bgs), and the well screen/groundwater sample interval in PZ-5 is from 35.4 to 40.4 ft bgs. Provide justification for the delineation of the groundwater contamination within this stratigraphic unit. More specifically, discuss whether the sand seam is acting as a preferential migration pathway. Alternatively, collect groundwater samples from within the sand seam near PZ-5.
3. Vapor sampling at the Gulick residence: Three rounds of vapor sampling are required to demonstrate that the vapor pathway is incomplete for residential buildings, per RR-800, *Addressing Vapor Intrusion at Remediation & Redevelopment Sites in Wisconsin*. Complete additional sub-slab vapor and indoor air sampling at the Gulick residence (5231 40<sup>th</sup> Ave.) to satisfy this requirement. Additionally, the *Site Investigation Report (SIR)*, dated September 15, 2015, states that the vapor action level (VAL) exceedances of 1,2-dichloroethane and chloroform in the indoor air samples at the Gulick residence are from an indoor air source, not from soil and/or groundwater contamination adjacent to this residence. Discuss the potential sources for these contaminants within the indoor air at the Gulick residence.

### Documentation Requirements

The additional investigation/information provided in response to the comments identified above must be reflected in the appropriate documentation, as applicable. Additionally, the case closure packet documentation must still be reviewed by the case closure packet QA/QC specialist prior to obtaining case closure. Therefore, this is not a comprehensive list of documentation revisions required for this case closure, as documentation needs are dependent on future investigation/information that is provided.

1. Provide a sub-slab depressurization system (SSDS) decommissioning report for systems installed at the source property and at 3909 52<sup>nd</sup> St. Refer to Appendix F of RR-800.
2. Update Figures B.2.a.1, B.2.a.2, B.2.b.1., B.2.b.2 to show all of the soil sample locations and associated soil data.
3. Update Figures B.3.a.2. and B.3.a.3. to show all the soil and groundwater data corresponding with the sample locations on the cross-sections. Additionally, include soil residual contaminant level (RCL) and groundwater enforcement standard (ES) and preventive action limit (PAL) exceedance lines to demonstrate the lateral and vertical extent and degree of contamination in these environmental mediums.
4. Update any applicable figures to show contamination lines as dashed lines where contamination is inferred.
5. Ensure that the labels shown on Tables A.4.a., A.4.b., A.4.c., and A.4.d. match the labels that are shown on Figures B.4.a.1. and B.4.a.2. For example, the data points labels for 3931 52<sup>nd</sup> St on Figure A.4.c does not match the data point labels shown on Figure B.4.a.2. Update the figures/tables as necessary.

6. If available, provide the well abandonment forms for the three potable wells (8HY702, 8HY739, and 8MF714) identified within 1,200 ft of the site.

#### Evaluation of Emerging Contaminants

On August 17, 2020, the DNR sent a letter to Mr. Martino titled, *Reminder to Include Evaluation of Emerging Contaminants in Site Investigation*, which stated that it is Mr. Martino's responsibility to evaluate hazardous substance discharges and environmental pollution including emerging contaminants under the Wis. Admin. Code NR 700 rule series. Per Wis. Admin. Code §§ NR 716.07, NR 716.09, provide an evaluation of potential perfluoroalkyl and polyfluoroalkyl substances (PFAS) and other applicable emerging contaminants that were historically or are presently produced, used, handled, or stored at the site. This should include any available information on whether any products containing PFAS were used in any process services, the duration of PFAS-containing product use, the type of PFAS contained in the product, and any areas of the site where PFAS-containing products may have been used, stored, managed, or discarded.

#### Next Steps

Please submit any documentation that addresses the above-comments. Do not hesitate to contact me if you have any questions concerning the site or this email.

Regards,

Jane

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**Jane Pfeiffer**

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