



January 19, 2016

Ms. Haillie Passow
Wisconsin Department of Natural Resources
1300 W. Clairemont Avenue
Eau Claire, WI 54701

Re: Dun-Rite Cleaners
 1008 Union Street
 Stevens Point, Wisconsin
 WDNR BRRTS No. 02-50-000577

Subject: Work Plan for 2016

Dear Ms. Passow:

The purpose of this letter is to describe the recommended scope of work for the Dun-Rite Cleaners project during 2016. It is intended to supplement my letter to you dated December 28, 2015, and incorporates considerations from our meeting on December 29, 2015.

PURPOSE OF 2016 ACTIONS

The purposes of the intended actions for 2016 are to:

- Continue to remove residual tetrachloroethylene (PCE) from the soil and groundwater.
- Continue to monitor for vapor intrusion threats at the neighboring residence and Guzman office building.
- Document diminishment of the dissolved PCE plume.

SCOPE OF WORK

Actions for 2016 include:

- Operate and monitor the soil vapor extraction system (SVES) present at the Dun-Rite site.
- Collect samples of sub-slab vapors and ambient air from the neighboring residence, Guzman office building, and Dun-Rite building.
- Collect groundwater samples from existing monitoring wells.
- Use a Geoprobe to collect soil and groundwater samples from selected areas of previous PCE detections.
- Summarize and submit results to WDNR and property owners after each round of sampling.
- Prepare and submit a Site Investigation and Remedial Action Report.

Specific tasks are described below.

Soil Vapor Extraction System Operation and Maintenance

The SVES currently operates for 12 hours (6:00 PM to 6:00 AM) per day as controlled by a timer. Site visits are performed once or twice per month to confirm operation. A photoionization detector (PID) is often used to monitor the discharge, ambient air, and other selected locations. System gauges are regularly read and noted. Measurements of pressure (vacuum) and vapor concentrations are occasionally made at the vapor probes. Samples for laboratory analysis are occasionally collected from the blower exhaust and selected vapor probes.

Vapor Sampling

Vapor samples (sub-slab and ambient air) will be collected and submitted to a laboratory for analysis of volatile organic compounds (VOCs) at least semiannually (estimated February and August) from the residence and the Guzman office building. The sampling will be performed in a manner consistent with previous samples and as described in previous correspondence to WDNR dated March 18, 2014¹.

Groundwater Sampling

A request will be made to the City of Stevens Point to transfer ownership of monitoring wells GP-11 and GP-12 to Dun-Rite Cleaners. MWG-1 is considered to be an orphan well and thus available for use by Dun-Rite. All three wells have flushmount protective covers, but the covers for GP-11 and GP-12 were installed to be short-term and thus will be upgraded for long-term use.

Groundwater samples will be collected from the three wells and submitted to a laboratory for analysis of VOCs at least twice during 2016. The wells will be purged of at least three well volumes using a peristaltic pump prior to collecting samples by directing the pump discharge directly into the sample containers. The samples will be stored on ice prior to delivery to the laboratory. The depth to groundwater will be measured in each well prior to sampling.

Geoprobe Investigation

Sometime during the latter part of the year, a Geoprobe rig will be used to collect soil and groundwater samples from selected areas of previous sample collection. The samples will be submitted to a laboratory for analysis of VOCs. The sampling will be performed in accordance with methods described in a letter to the WDNR dated September 18, 2014².

Reporting

After each sampling event, the data will be reviewed and summarized before being submitted to the WDNR and property owners.

¹ Letter dated March 18, 2014, to Lisa Gutknecht/WDNR from Pete Arntsen/Sand Creek, Subject: Work Plan for Sub-Slab Vapor Sample Collection.

² Letter dated September 18, 2014, to Lisa Gutknecht/WDNR from Pete Arntsen/Sand Creek, Subject: Work Plan for Geoprobe Investigation and Sub-Slab Vapor and Ambient Air Sample Collection.

Site Investigation and Remedial Action Report

Prior to the end of the year, the actions and results of the work performed to date will be summarized and presented in a formal report. The report will include a discussion on the status of the residual PCE, an evaluation on the effectiveness of the remediation system, an assessment of threat to sensitive receptors, and recommendations for actions to be performed in 2017.

CHANGED CONDITIONS

If information is obtained that suggests conditions are other than anticipated, supplemental actions will be performed to assess the cause and significance of the changed conditions. The supplement actions could include detailed inspection of the area, review and evaluation of investigation and remediation results at nearby release sites, and collection of additional vapor, soil, and/or groundwater samples.

If you have questions or comments regarding this Work Plan or the site in general, please contact me by telephone at 715.824.5969 or by email at pete.arntsen@sand-creek.com.

Sincerely,

SAND CREEK CONSULTANTS, INC.



Pete Arntsen, MS, PH
Project Manager/Senior Hydrologist

Via email only

cc/enc: Mr. Ron Hanson/Dun-Rite Cleaners, via email only
Mr. Richard Lewandowski/Whyte Hirschboeck Dudek S.C., via email only