

Schultz, Josie M - DNR

From: Borski, Jennifer - DNR
Sent: Friday, November 1, 2019 12:10 PM
To: Schultz, Josie M - DNR
Cc: Chronert, Roxanne N - DNR
Subject: RE: Schneske Property BRRTS # 02-05-111210
Attachments: Map and tables.pdf

Follow Up Flag: Flag for follow up
Flag Status: Flagged

Josie,

Thank you for discussing this site with me this morning. I understand that this is a release from a former dry cleaner discovered during a Phase II that was reported to DNR in 1996. Since that time, no additional investigation has been performed. Property owners have reported they've been unable to proceed financially. DNR attempted to obtain state lead funds in 2010 but none were available at that time. After a Preliminary Assessment in 2018, USEPA did not accept the case as a Superfund site. This site was again brought to our attention based on the recent inquiry from a local plumber.

At your request, I reviewed the 1996 data (PCE = 2,200 µg/kg, TCE at 99 µg/kg and cis-1,2-DCE = 190 µg/kg in soil at 6-8 ft bgs and PCE = 2,400 µg/L, TCE = 220 µg/L and cis-1,2-DCE = 470 µg/L in groundwater). **Modifications to the building should not be performed without first performing a vapor intrusion investigation.** Based on the data and historical use of the property as a dry cleaner, it is highly anticipated that a vapor mitigation system and possibly other actions will be needed to protect the indoor air from the environmental contamination. Modification to the building that creates additional pathways to the subsurface, such as installation of a grease trap, will likely enhance migration of contamination into indoor air.

I understand that you will work to notify the current tenants and property owner of this assessment as well as respond to the plumber. The following fact sheets should be included in that correspondence:

<https://www.dhs.wisconsin.gov/publications/p02480.pdf>

<https://dnr.wi.gov/files/PDF/pubs/rr/RR892.pdf>

You could also direct the tenant and owner to view the following YouTube video: [Vapor Intrusion 101 - YouTube](#)

As you work to re-establish contact with the current property owner, please focus on the risk to the occupants and importance of performing the necessary vapor investigation as well as moving forward with the NR 716 site investigation. I understand you will work with your supervisor to again request state lead funds for a vapor investigation if the property owner is unable to proceed.

Let me know if you have additional questions.

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

Jennifer Borski

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From: Schultz, Josie M - DNR <josie.schultz@wisconsin.gov>
Sent: Thursday, October 31, 2019 1:36 PM
To: Borski, Jennifer - DNR <Jennifer.Borski@wisconsin.gov>
Cc: Chronert, Roxanne N - DNR <Roxanne.Chronert@wisconsin.gov>
Subject: FW: Schneske Property BRRTS # 02-05-111210

Hi Jenna,

I have a stalled site that a plumber called and asked me if there would be any issues with installing a grease trap in the building closest to Wisconsin Ave (see email string below). There is VERY limited data from a 1996 phase II (see attached map and tables).

Josie

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Josie M. Schultz

Hydrogeologist – Northeast Region Remediation and Redevelopment Team
Wisconsin Department of Natural Resources
2984 Shawano Avenue, Green Bay, WI 54313-6727
Phone: 920-662-5424
Cell: 920-366-5685
Josie.Schultz@Wisconsin.gov



From: Kevin Wieland <KevinW@villageofallouez.com>
Sent: Tuesday, October 29, 2019 12:07 PM
To: Schultz, Josie M - DNR <josie.schultz@wisconsin.gov>
Subject: RE: Schneske Property BRRTS # 02-05-111210

Hi Josie,

So I was looking at putting it either in the center of the building there is a 4inch floor drain near the location of all the 3 compartment sink, hand wash sink, and prep sink. Otherwise I was also looking at the mechanical room. The room is located on the north side of the building about ¾ of the way to the west of the front of the building. I would have to trench about 10 to 15 feet to get to the center of the building where the sinks will be located. If you need anything else let me know.

Thank You,

Kevin

From: Schultz, Josie M - DNR [<mailto:josie.schultz@wisconsin.gov>]
Sent: Tuesday, October 29, 2019 10:24 AM
To: Kevin Wieland
Subject: Schneske Property BRRTS # 02-05-111210

Hi Kevin,

I've attached the map and table of sampling results. As I had mentioned, there isn't a whole lot of data and its over 20 years old.

Where in the building would the grease trap be installed?

Thanks,
Josie

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Josie M. Schultz

Hydrogeologist – Northeast Region Remediation and Redevelopment Team

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sidewalk

L & L Sales

gravel driveway

property line

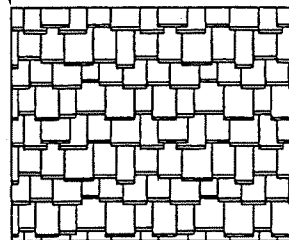
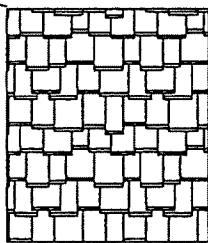
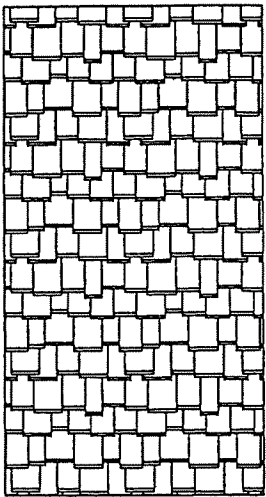
property line

garage

grass

gravel driveway

garage



MW-2



MW-1



B-1



Schneske Property - Denmark, Wisconsin

Site Detail Map

1"=20'

January 24, 1996

Environmental Compliance Consultants, Inc.

Dennis C. Greil

Table 2 - Soil Analytical Data
 January 29, 1996 Environmental Site Assessment
 Schneske Property

				Analyte			
				VOCs			
				Chloroform	cis-1,2-Dichloroethene	Tetrachloroethene (PCE)	Trichloroethene (TCE)
			Resident Soil SSL ¹	320	160000	24000	940
			Industrial Soil SSL ¹	1400	2300000	100000	6000
			Protection of Groundwater SSL ²	22	21	2.3	1.8
			SCDM Dir. Cont. Screening Conc. ³	22000	100000	330000	8800
Boring Identification	Depth (feet bgs)	Date Collected	Location				
MW-1 (S-1)	6-8	1/10/1996	Near southwest corner of building	<25	190	2200	99
MW-2 (S-2)	6-8	1/10/1996	Along eastern wall of building near rear/back entrance	<25	130	1200	54
B-1 (S-3)	6-8	1/10/1996	Near southeast corner of building	68	<25	1500	46

Notes

-concentrations listed in ug/kg or ppb unless indicated otherwise

-this table summarizes compounds that were detected. See appendices for analytical reports provided by consultant.

¹ - Regional Screening Levels obtained from <http://www.epa.gov/region9/superfund/prg/> based upon THQ of 1.0 for non-carcinogens and cancer risk of 10⁻⁶ for carcinogens (November 2017)

² - Protection of Groundwater SSL based upon MCL. If MCL does not exist the SSL is the "risk-based" SSL. MCLs exist for VOCs, benzo(a)pyrene, and metals.

³ - SCDM = Superfund Chemical Data Matrix. Value is lower of Reference Dose Concentration or Cancer Risk Screen Concentration if both are available. Publication Date 6/20/14.

http://www.epa.gov/superfund/sites/npl/hrsres/tools/app_bii.pdf

Bold Font - exceeds the Protection of Groundwater SSL

Table 3 - Groundwater Analytical Data
 January 29, 1996 Environmental Site Assessment
 Schneske Property

Sample Identification			Analyte			
			VOCs			
			cis-1,2-Dichloroethene	Tetrachloroethene	Trichloroethene	
			MCL	70	5	5
MW-1	1/10/1996	Near southwest corner of building	470	2400	220	
MW-2	1/10/1996	Along eastern wall of building near rear/back entrance	NS	NS	NS	

Notes

-concentrations listed in ug/l or ppb unless indicated otherwise

-this table summarizes detected compounds only. See appendices for analytical reports provided by consultant

NS - Monitoring well did not produce enough Water to sample

Bold - exceeds MCL