FID#267003880

Lilek, Christine F - DNR

From: Lilek, Christine F - DNR
Sent: Tuesday, May 29, 2012 11:57 AM
To: 'Noel, Mike'
Cc: 'Julie Cayo (cayoj@ci.west-bend.wi.us)'; 'Morgan, Dan'; 'Manthey, Mark'; 'Justice, T.J.'; Evanson, Theresa A - DNR
Subject: Wiedmeyer agreed to soil gas probe in 205/205A Linwood Terrace, West Bend Property RE: Former Gehl Co TIF #12, BRRTS #03-67-554753

Mike:

I just spoke with Mr. Steven Wiedmeyer and he agreed to allow a soil gas probe to be placed and sample in his rental building at 205/205A Linwood Terrace. Please send him a letter and he will get the letter to his rental occupants.

The door to the basement is unlocked, but Mr. Wiedmeyer said he would tell the rental occupants to give you a call with the best time to come.

The property owner for the 205/205A Linwood Terrace property is listed as Linwoods SCCC LLC on the City of West Bend Tax records. The contact information is listed below:

Linwoods SCCC LLC
Attention: Steven Wiedmeyer
3591 Starlite Dr
West Bend, WI 53095
(262) 677-2115

Christine F Lilek - CPG - PG
SER - Hydrogeologist - Remediation and Redevelopment Program
Wisconsin Department of Natural Resources
1155 Pilgrim Road
Plymouth, WI 53073
(☎) phone: (920) 892-8756, ext 3025
(✉) e-mail: Christine.Lilek@wisconsin.gov
(☎) fax: (920) 892-6638

Website: dnr.wi.gov
Find us on Facebook: www.facebook.com/WIDNR

NOTE: Effective **January 3, 2012**, DNR Plymouth Service Center open from **11am - 2 pm** at Plymouth (Monday - Friday)

FID # 267003880

Lilek, Christine F - DNR

From: Noel, Mike [Mike.Noel@tetratech.com]
Sent: Tuesday, May 29, 2012 11:37 AM
To: Lilek, Christine F - DNR
Subject: RE: Mike: Would Terry's proposal work for you & the City? RE: Former Gehl West Bend VI Sampling

Chris,
I spoke with the City and they agree to go ahead and sample 205 Linwood Terrace as proposed. Like before, can you make the initial contact and then we'll follow up with a letter if they agree to the sampling. The property owner for the 205/205A Linwood Terrace property is listed as Linwoods SCCC LLC on the City of West Bend Tax records. The contact information is listed below:
Linwoods SCCC LLC
3591 Starlite Dr
West Bend, WI 53095
(262) 677-2115

Also for the 204 Linwood residence, we will transmit the results to the property owner. Is it OK for us to go ahead and abandon the soil gas probe in their basement.

From: Lilek, Christine F - DNR [mailto:Christine.Lilek@Wisconsin.gov]
Sent: Friday, May 25, 2012 7:54 PM
To: Noel, Mike
Subject: Mike: Would Terry's proposal work for you & the City? RE: Former Gehl West Bend VI Sampling

Mike: Would Terry's proposal work for you & the City? Let me know what you think. Chris

---

From: Evanson, Theresa A - DNR
Sent: Thursday, May 24, 2012 9:11 AM
To: Lilek, Christine F - DNR
Subject: RE: Terry: Here is some additional information RE: Former Gehl West Bend VI Sampling

Thanks for this information, Chris. I think that a sub-slab vapor sample should be collected at the residence located at 205 Linwood Terrace. My recommendation is based on the following:

1. MW-34 had TCE at 53.5 ppb (8/2010). The groundwater screening value is 5.5 ppb.
2. Direction of groundwater flow from MW-6 (TCE =1610 ppb) to MW-34 directly underlies 205 Linwood Terrace.
3. Soil gas probe SG-101 (non-detect for TCE) is too shallow to be used to screen possible vapor migration from the groundwater to 205 Linwood.
4. The clay layer beneath the home was likely removed during construction, so that it's unlikely the clay provides any barrier to vapor migration.

The lack of TCE vapors beneath 204 Linwood Terrace is good news. I realize that a counter argument to the above points is that 204 Linwood is closer to MW-6 and existing TCE soil contamination. However, given the vagaries of soil vapor migration and the information outlined above, vapor migration to 205 Linwood cannot be ruled out without sub-slab sampling. If 205 Linwood can be sampled and the results are the same as 204 Linwood, then I think the vapor intrusion pathway for the rest of the neighborhood can be ruled out.

Terry

From: Noel, Mike [mailto:Mike.Noel@tetratech.com]
Sent: Wednesday, May 23, 2012 04:55 PM
To: Lilek, Christine F - DNR
Cc: T.J. Justice; Manthey, Mark
Subject: FW: 3 Questions. RE: Former Gehl West Bend VI Sampling

Chris,
Responses to your questions are in red below.

From: Lilek, Christine F - DNR [mailto:Christine.Lilek@Wisconsin.gov]
Sent: Wednesday, May 23, 2012 3:58 PM
To: Noel, Mike
Cc: T.J. Justice; Manthey, Mark
Subject: 3 Questions. RE: Former Gehl West Bend VI Sampling

Mike, T.J. & Mark:

Terry had a few questions. She's almost certain their is no vapor intrusion risk, but she had these questions. It will go faster if I ask you.

1) What is the depth to groundwater under the homes on Linwood Terrace, **Based on water level measurements collected from the two monitor wells installed in South Street and Linwood Terrace (MW-36, MW-37) and the water table monitor located west of the 204 Linwood Terrace property (MW-6), the depth to groundwater in this area is between 12.9 and 15.9 feet below ground surface. A table containing the water level measurements from these monitor wells is attached.**
2) What types of soil & soil variability are under the homes on Linwood Terrace, and **Based on the soil samples collected from the two monitor wells installed in South Street and Linwood Terrace (MW-36 and MW-37), the native soil below the asphalt and gravel fill consist of clay to silty clay to about 3-4 feet below ground surface (bgs). The soil from about 3-4 feet bgs to 15 feet bgs is predominantly sand and sand and gravel. The soil borings logs for MW-36 and MW-37 are attached.**
3) Were soil gas probes 101 & 102 drilled & sampled at one to two feet above groundwater? **Soil gas probes SG-101 and SG-102, plus SG-100 and SG-103 were <u>not</u> sampled 1-2 feet above groundwater. They were only completed below the asphalt of the streets as described in the August 10, 2010 Work Plan. The total probe depths were about 6-inches below ground surface (see attached sub-pavement soil gas probe schematic).**

Christine F Lilek

From: Noel, Mike [mailto:Mike.Noel@tetratech.com]
Sent: Wednesday, May 23, 2012 09:47 AM
To: Lilek, Christine F - DNR
Cc: T.J. Justice; Manthey, Mark
Subject: RE: Former Gehl West Bend VI Sampling

Chris,
A memo is attached presenting the results of the vapor intrusion (VI) sampling. A hard copy is also being submitted for your files. Based on the results we are recommending no further VI sampling. While there are water and sewer utility laterals (from South Street and Linwood Terrace) to each

home in the area, the Zurn property is the closest to the vapor source area. Let me know if you have any comments and, if not, we will provide the results to the property owner as well as abandon the soil gas port in their basement.
Mike

From: Lilek, Christine F - DNR [mailto:Christine.Lilek@Wisconsin.gov]
Sent: Friday, May 11, 2012 11:24 AM
To: Noel, Mike
Cc: Cayo, Julie; T.J. Justice
Subject: Good idea - sample the Zurn home & identify no other pathways. RE: Former Gehl West Bend VI Sampling

Good idea - sample the Zurn home & identify no other pathways to other homes (i.e. no utility trenches from vapor areas towards other homes), then we can purpose to closure committee that no additional vapor sample is needed in the neighborhood.

Christine F Lilek - CPG - PG
SER - Hydrogeologist - Remediation and Redevelopment Program
Wisconsin Department of Natural Resources
1155 Pilgrim Road
Plymouth, WI 53073
(☎) phone: (920) 892-8756, ext 3025

From: Noel, Mike [mailto:Mike.Noel@tetratech.com]
Sent: Friday, May 11, 2012 11:20 AM
To: Lilek, Christine F - DNR
Cc: Cayo, Julie; T.J. Justice
Subject: RE: Mrs. Fettig just called me. They DO NOT want their basement sampled for vapors. RE: Former Gehl West Bend VI Sampling

Chris,
The Zurn residence is closest to the area of concern. If we sample the Zurn residence and don't find anything of concern would we need to collect a sample from another home?
Mike

From: Lilek, Christine F - DNR [mailto:Christine.Lilek@Wisconsin.gov]
Sent: Friday, May 11, 2012 9:46 AM
To: Noel, Mike
Cc: Cayo, Julie
Subject: Mrs. Fettig just called me. They DO NOT want their basement sampled for vapors. RE: Former Gehl West Bend VI Sampling

Mrs. Fettig just called me (May 11, 2012 0940 hours). They received the letter, but feel they don't need this sampling. They DO NOT want their basement sampled for vapors.

Is there another home near 203 South St that could be sampled?

Christine F Lilek - CPG - PG
SER - Hydrogeologist - Remediation and Redevelopment Program
Wisconsin Department of Natural Resources
1155 Pilgrim Road
Plymouth, WI 53073
(☎) phone: (920) 892-8756, ext 3025

From: Lilek, Christine F - DNR
Sent: Thursday, April 26, 2012 05:13 PM
To: 'Noel, Mike'
Cc: 'Cayo, Julie'
Subject: Just talked to Mrs. Fettig. She understands. Go ahead and mail the letter out to the Fettig's! RE: Former Gehl West Bend VI Sampling

Noel:

I just talked to Mrs. Fettig. She understands. Go ahead and mail the letter out to the Fettig's!

Christine F Lilek - CPG - PG
SER - Hydrogeologist - Remediation and Redevelopment Program
Wisconsin Department of Natural Resources
1155 Pilgrim Road
Plymouth, WI 53073
(☎) phone: (920) 892-8756, ext 3025

From: Noel, Mike [mailto:Mike.Noel@tetratech.com]
Sent: Wednesday, April 25, 2012 11:51 AM
To: Lilek, Christine F - DNR
Subject: RE: Former Gehl West Bend VI Sampling

Chris,
Here are the names and phone numbers for the home owners
Leo & Delores Fettig 262-334-3386 (owner 203 South Street)
Richard & Karen Zurn 262-677-2590 (owner but doesn't live at 204 Linwood Terrace)

From: Lilek, Christine F - DNR [mailto:Christine.Lilek@Wisconsin.gov]
Sent: Tuesday, April 24, 2012 8:14 PM
To: Noel, Mike
Subject: RE: Former Gehl West Bend VI Sampling

This looks fine. I would cc the County Health Department also - just for a heads up. And do you need me to call the home owners at this point in time. I don't want them to be scared.

Chris Lilek

From: Noel, Mike [Mike.Noel@tetratech.com]
Sent: Tuesday, April 24, 2012 3:04 PM
To: Lilek, Christine F - DNR
Cc: Julie Cayo (cayoj@ci.west-bend.wi.us)
Subject: Former Gehl West Bend VI Sampling

Hi Christine,
Attached is a draft letter and attachments to send to the two homeowners regarding proposed vapor intrusion sampling. Let me know if you have any comments or questions before we send out. Thanks.
Mike

Michael R. Noel | Vice President, Principal Hydrogeologist
Office: 262-792-1282 x 223 | Fax: 262-792-1310 | Mobile: 262-853-4983
mike.noel@tetratech.com

Tetra Tech GEO
175 N Corporate Drive, Suite 100 | Brookfield, WI 53045 | www.tetratechgeo.com

PLEASE NOTE: This message, including any attachments, may include confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.