

From: Ken Shimko <kshimko.meridianenv@gmail.com>
Sent: Wednesday, October 09, 2019 12:41 PM
To: Stoltz, Carrie R - DNR
Subject: Change Order - Webster Pig Farm
Attachments: Chg Order - GW Sample + Closure Pkt + Well Aban + VI Revise.pdf

Follow Up Flag: Follow up
Due By: Thursday, October 10, 2019 8:00 AM
Flag Status: Completed

See attached - thanks

Kenneth Shimko, PG
Meridian Environmental Consulting, LLC
2711 North Elco Road
Fall Creek, Wisconsin 54742
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Email: kshimko.meridianenv@gmail.com



Meridian Environmental Consulting, LLC

October 9, 2019

Carrie Stoltz
Wisconsin Department of Natural Resources
107 Sutliff Avenue
Rhineland, WI 54501

Subject: **Change Order:**

- **Ground Water Sampling (November 2019 + additional event if necessary)**
- **Closure Packet**
- **Abandon monitoring wells and Vapor Pin**
- **Cost for Pace labs to review/revise report for air sample (6/1/19) to include EDB & 1,2-DCA**


Webster Pig Farm
Gilman, Wisconsin
PECFA No. 54433-9429-94
DNR BRRTS Nos. 03-61-000650
Meridian No. 05F784

Scope of Work:

- Sample all of the monitoring wells plus 4 private wells (Pig Farm well, Town Hall well, Krizan wells (1 – old, 1 – current); analyze for PVOC+Naphthalene. To be completed in November 2019. Additional event if necessary.
- Dispose purge water
- Prepare Closure Packet
- Abandon monitoring wells and vapor pin upon DNR approval
- Pace Labs to review/revise report for 6/1/19 air sample (VI – Krizan basement)

Table and Figure provided for reference.

Sincerely,
MERIDIAN ENVIRONMENTAL CONSULTING, LLC


Kenneth Shimko, PG
Project Manager

Usual and Customary Standardized Invoice #26 July 2019 - December 2019 (Interim)



RR-111a

TOTAL LAB CHARGES \$ 1,375.44 TASK 33 44 \$ 1,375.44 TASK 24 0 \$ -

MATRIX	REF CODE	REIMBURSABLE ANALYTE	UNITS	MAX COST	SAMPLES	TOTAL	MAX COST	SAMPLES	TOTAL
AIR	A1	Benzene	SAMPLE	\$ 46.29		\$ -			
AIR	A2	BETX	SAMPLE	\$ 50.94		\$ -			
AIR	A3	GRO	SAMPLE	\$ 47.48		\$ -			
AIR	A4	VOC's	SAMPLE	\$ 74.09		\$ -			
WATER	W1	GRO/PVOC	SAMPLE	\$ 30.07		\$ -			
WATER	W2	PVOC	SAMPLE	\$ 27.80		\$ -			
WATER	W3	PVOC + 1,2 DCA	SAMPLE	\$ 45.10		\$ -			
WATER	W4	PVOC + Naphthalene	SAMPLE	\$ 31.26	44	\$ 1,375.44			
WATER	W5	VOC	SAMPLE	\$ 74.09		\$ -			
WATER	W6	PAH	SAMPLE	\$ 75.17		\$ -			
WATER	W7	Lead	SAMPLE	\$ 12.76		\$ -			
WATER	W8	Cadmium	SAMPLE	\$ 13.96		\$ -			
WATER	W9	Hardness	SAMPLE	\$ 12.76		\$ -			
WATER	W10	BOD, Total	SAMPLE	\$ 24.34		\$ -			
WATER	W11	Nitrate	SAMPLE	\$ 11.58		\$ -			
WATER	W12	Total Kjeldahl	SAMPLE	\$ 20.88		\$ -			
WATER	W13	Ammonia	SAMPLE	\$ 17.42		\$ -			
WATER	W14	Sulfate	SAMPLE	\$ 10.50		\$ -			
WATER	W15	Iron	SAMPLE	\$ 10.50		\$ -			
WATER	W16	Manganese	SAMPLE	\$ 10.50		\$ -			
WATER	W17	Alkalinity	SAMPLE	\$ 10.50		\$ -			
WATER	W18	methane	SAMPLE	\$ 47.48		\$ -			
WATER	W19	Phosphorous	SAMPLE	\$ 18.60		\$ -			
WATER	W20	VOC Method 524.2	SAMPLE	\$ 181.59		\$ -			
WATER	W21	EDB Method 504	SAMPLE	\$ 98.31		\$ -			
SOILS	S1	GRO	SAMPLE	\$ 25.52		\$ -	\$ 25.52		\$ -
SOILS	S2	DRO	SAMPLE	\$ 31.26		\$ -	\$ 31.26		\$ -
SOILS	S3	GRO/PVOC	SAMPLE	\$ 28.98		\$ -	\$ 28.98		\$ -
SOILS	S4	PVOC	SAMPLE	\$ 26.60		\$ -	\$ 26.60		\$ -
SOILS	S5	PVOC + 1,2 DCA + Naphthalene	SAMPLE	\$ 50.94		\$ -	\$ 50.94		\$ -
SOILS	S6	PVOC + Naphthalene	SAMPLE	\$ 37.10		\$ -	\$ 37.10		\$ -
SOILS	S7	VOC	SAMPLE	\$ 74.09		\$ -	\$ 74.09		\$ -
SOILS	S8	SPL Extraction VOC only	SAMPLE	\$ 52.13		\$ -	\$ 52.13		\$ -
SOILS	S9	PAH	SAMPLE	\$ 75.17		\$ -	\$ 75.17		\$ -
SOILS	S10	Lead	SAMPLE	\$ 12.76		\$ -	\$ 12.76		\$ -
SOILS	S11	Cadmium	SAMPLE	\$ 15.04		\$ -			
SOILS	S12	Free Liquid	SAMPLE	\$ 11.58		\$ -			
SOILS	S13	Flash Point	SAMPLE	\$ 26.60		\$ -			
SOILS	S14	Grain Size - dry	SAMPLE	\$ 44.02		\$ -			
SOILS	S15	Grain Size - wet	SAMPLE	\$ 59.05		\$ -			
SOILS	S16	Bulk Density	SAMPLE	\$ 13.96		\$ -			
SOILS	S17	Permeability	SAMPLE	\$ 42.83		\$ -			
SOILS	S18	Nitrogen as Total Kjeldahl	SAMPLE	\$ 20.88		\$ -			
SOILS	S19	Nitrogen as Ammonia	SAMPLE	\$ 17.42		\$ -			
SOILS	S20	% Organic Matter	SAMPLE	\$ 30.07		\$ -			
SOILS	S21	TOC as NPOC	SAMPLE	\$ 59.05		\$ -			
SOILS	S22	Soil Moisture Content	SAMPLE	\$ 7.03		\$ -			
SOILS	S23	Air Filled Porosity	SAMPLE	\$ 26.60		\$ -			
SOILS	S24	% Total Solids	SAMPLE	\$ 7.03		\$ -			
SOILS	S25	Field Capacity	SAMPLE	\$ 28.98		\$ -			
SOILS	S26	TCLP Lead	SAMPLE	\$ 85.65		\$ -			
SOILS	S27	Cation Exchange (Ca, MG, & K)	SAMPLE	\$ 27.80		\$ -			
SOILS	S28	TCLP Cadmium	SAMPLE	\$ 85.65		\$ -			
SOILS	S29	TCLP Benzene	SAMPLE	\$ 85.65		\$ -			
		Viscosity + Density							
LNAPL	LFPS01	Interfacial tension I (LNAPL/water [dyne/cm])	SAMPLE	\$ 578.17		\$ -			
		Interfacial tension II (LNAPL/air [dyne/cm])							
		Interfacial tension III (water/air) [dyne/cm])							
TASK 33 TOTAL						\$ 1,375.44			

MAX COST	SAMPLES	TOTAL
\$ 25.52		\$ -
\$ 31.26		\$ -
\$ 28.98		\$ -
\$ 26.60		\$ -
\$ 50.94		\$ -
\$ 37.10		\$ -
\$ 74.09		\$ -
\$ 52.13		\$ -
\$ 75.17		\$ -
\$ 12.76		\$ -
TASK 24 TOTAL		
		\$ -

Estimated Extent of Ground Water Contamination

LEGEND

- PROPERTY BOUNDARY
- PARCEL BOUNDARY
- TELEPHONE LINE
- POWER POLE/UTILITY BOX
- ◆ MONITORING WELL
- ◆ FORMER MONITORING WELL
- ◆ PRIVATE WELL
- ◆ ABANDONED PRIVATE WELL
- GEOPROBE

0 50 (ft)
approximate scale (ft)


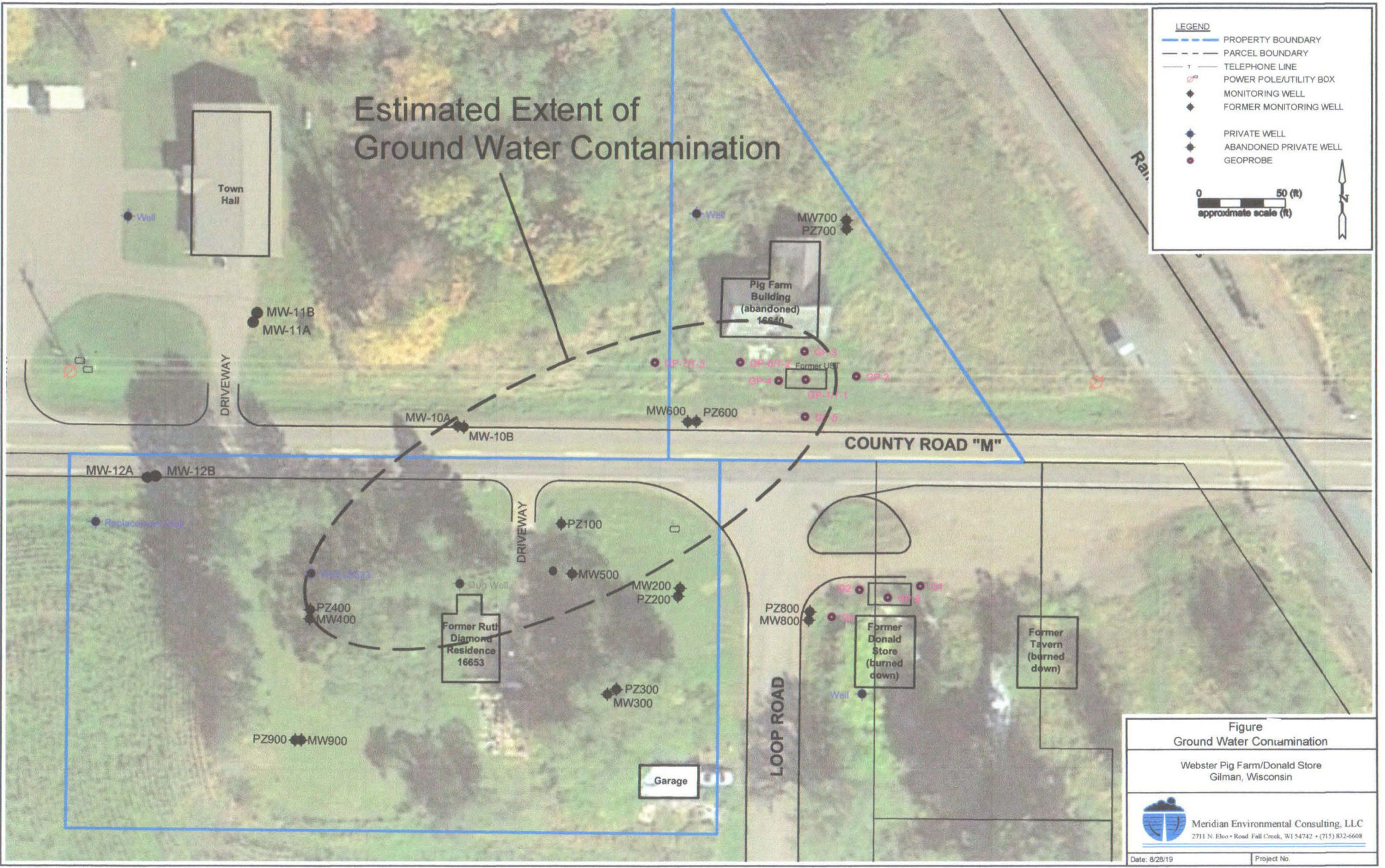




Figure
Ground Water Contamination

Webster Pig Farm/Donald Store
Gilman, Wisconsin



Meridian Environmental Consulting, LLC
2711 N. Elco • Road Fall Creek, WI 54742 • (715) 832-6608

Date: 8/28/19 Project No.

Webster Pig Farm - MW depths

Well	Installation Date	Total Depth (FT)	Screened Interval	Depth to Water (8/28/19)
MW-100	12/6/1996	17	7-17	ABANDONED 8/7/00
P-100	12/8/1996	35	30-35	7.62
MW-200	12/5/1996	17	7-17	6.7
P-200	12/17/1996	34	29-34	6.78
MW-300	12/5/1996	16	6-16	7.56
P-300	12/17/1996	35.4	30.4-35.4	7.4
MW-400	12/4/1996	15	5-15	6.73
P-400	12/3/1996	32.5	27.5-32.5	6.83
MW-500	12/6/1996	15	5-15	7.37
MW-600	4/14/1997	16.5	6.5-16.5	8.18
P-600	4/14/1997	36	31-36	7.85
MW-700	4/15/1997	15	5-15	10.78
P-700	4/15/1997	38	33-38	9.35
MW-900	6/10/1997	13.5	3.5-13.5	6.07
P-900	6/11/1997	34	29-34	6.04
MW-10A	5/8/2019	15	5-15	8.65
MW-10B	5/8/2019	35	30-35	8.78
MW-11A	8/21/2019	15	5-15	8.8
MW-11B	8/21/2019	35	30-35	8.92
MW-12A	8/22/2019	15	5-15	7.71
MW-12B	8/22/2019	35	30-35	7.65
TOTAL:		519.9		

Ken Shimko

From: Kirsten Hogberg <Kirsten.Hogberg@pacelabs.com>
Sent: Tuesday, October 08, 2019 10:58 AM
To: kshimko.meridianenv@gmail.com
Subject: RE: FW: webster pig Farm status report comments

Hi Ken,

For the lab to perform a data review and issue a revised report, it will cost \$75.00 total. Let me know if you would like to proceed.

Thank you,

Kirsten Hogberg

Project Manager
Pace Analytical Services, LLC.
1700 Elm St. SE Suite 200
Minneapolis, MN 55414
D: 612.607.6407 | M: 612.607.6400
www.pacelabs.com

>>> "Ken Shimko" <kshimko.meridianenv@gmail.com> 10/8/2019 9:20 AM >>>
Thanks!

From: Kirsten Hogberg [mailto:Kirsten.Hogberg@pacelabs.com]
Sent: Tuesday, October 08, 2019 9:06 AM
To: kshimko.meridianenv@gmail.com
Subject: Re: FW: webster pig Farm status report comments

Hi Ken,

It was nice talking to you this morning. As discussed, a data review has been requested by the lab to confirm if 1,2-Dibromoethane or 1,2-DCA was analyzed in Pace project 10477548. When a cost estimate is provided, I will follow up with you before the lab proceeds.

Thank you!

Kirsten Hogberg

Project Manager
Pace Analytical Services, LLC.
1700 Elm St. SE Suite 200
Minneapolis, MN 55414