Thompson, Matthew A - DNR

From: Andy Delforge <adelforge@reiengineering.com>

Sent: Monday, September 21, 2020 3:58 PM

To: Thompson, Matthew A - DNR

Subject: RE: Mosinee Dry Cleaners 02-37-552230 Path forward

Attachments: costs4.xls; Mosinee Cleaners - Sewer.pdf; pics.pdf; 4400-214D-CO-Claim4.xls

Hi Matt – I stopped down there today to take a look around. As luck would have it, the utilities were marked. There aren't any manholes on the Mosinee Cleaners (north) side of the road, so it definitely makes the most sense to sample from the lateral. There is no cleanout on the outside of the building, but we basically have unlimited access to the interior and can definitely get the sample through the p-trap on the sink, or worst case scenario from the roof vent if we have trouble snaking the tubing through the trap. Let me know if you have questions or want to discuss.

Thank you,

Andrew R. Delforge, P.G. - Senior Hydrogeologist

1- 4 Whom



Connect with us:



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From: Thompson, Matthew A - DNR < Matthew A. Thompson@wisconsin.gov>

Sent: Monday, September 21, 2020 9:07 AM

To: Andy Delforge <adelforge@reiengineering.com>

Subject: RE: Mosinee Dry Cleaners 02-37-552230 Path forward

Andy- you could go with either, its been explained to us as working either way. I think one benefit of going through the clean-out is that you reduce potential sources from the main. If you can't get access to the building then going through the manhole might be the best option but if you get a CVOC detect then you would end up tracing back into the building or upgradient.

I will approve either method but think that sampling the lateral reduces the risk of false positives. Thanks,

We are committed to service excellence.

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

Matt Thompson Office: 715-492-2304

MatthewA.Thompson@wisconsin.gov

From: Andy Delforge <adelforge@reiengineering.com>

Sent: Friday, September 18, 2020 1:59 PM

1- 61/122

To: Thompson, Matthew A - DNR < MatthewA. Thompson@wisconsin.gov>

Subject: RE: Mosinee Dry Cleaners 02-37-552230 Path forward

Is there a preference how we do this? Should we sample from the lateral through a clean-out or the vent? Or from the main through a manhole? One sample upgradient, one down?

Thank you,

Andrew R. Delforge, P.G. - Senior Hydrogeologist



Connect with us:



Confidentiality Notice: This message is intended for the recipient only. If you have received this e-mail in error please disregard.

From: Thompson, Matthew A - DNR < MatthewA.Thompson@wisconsin.gov>

Sent: Tuesday, September 15, 2020 9:24 AM

To: Andy Delforge

Subject: RE: Mosinee Dry Cleaners 02-37-552230 Path forward

Thanks Andy.

Prior to closure submittal a vapor sample from the sewer line is needed. This pathway is a new and was common when the original vapor assessment work was approved. The link below provides some additional background on this pathway. Dave Larsen has also been working on scoping a project that includes sewer vapor assessment.

https://www.serdp-estcp.org/Program-Areas/Environmental-Restoration/Contaminated-Groundwater/Emerging-Issues/ER-201505/ER-201505

We are committed to service excellence.

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

Matt Thompson Office: 715-492-2304

MatthewA.Thompson@wisconsin.gov

From: Andy Delforge <adelforge@reiengineering.com>

Sent: Monday, September 14, 2020 3:01 PM

To: Thompson, Matthew A - DNR < MatthewA.Thompson@wisconsin.gov>

Subject: Re: Mosinee Dry Cleaners 02-37-552230 Path forward

It was shit down in June, prior to the final vapor and soil sampling

Thank you, Andrew Delforge, P.G. Hydrogeologist

Office: <u>715.675.9784</u> Cell: <u>715.551.4434</u> www.RElengineering.com

On Sep 14, 2020, at 11:19 AM, Thompson, Matthew A - DNR < <u>MatthewA.Thompson@wisconsin.gov</u>> wrote:

CAUTION: External Email.

Andy-

Thanks for submitting the update report for Mosinee Cleaners. Has the SVE been shutdown since summer or has it been operating?

We are committed to service excellence.

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

Matt Thompson

Hydrogeologist – Remediation and Redevelopment Wisconsin Department of Natural Resources 1300 W. Clairemont Ave., Eau Claire, WI 54701

Office: 715-492-2304

matthewa.thompson@wisconsin.gov

<image001.gif>

- dnr.wi.gov <image002.gif>
- <image003.gif>
- <image004.gif>
- <image005.gif>
- <image006.gif>

Site Name: Mosinee Cleaners
BRRTS #: 02-37-552230

Type of Action: Site Investigation

Dry Cleaner Environmental Response Program Reimbursement Cost Detail Linking Spreadsheet Form 4400-214D (R 08/12)

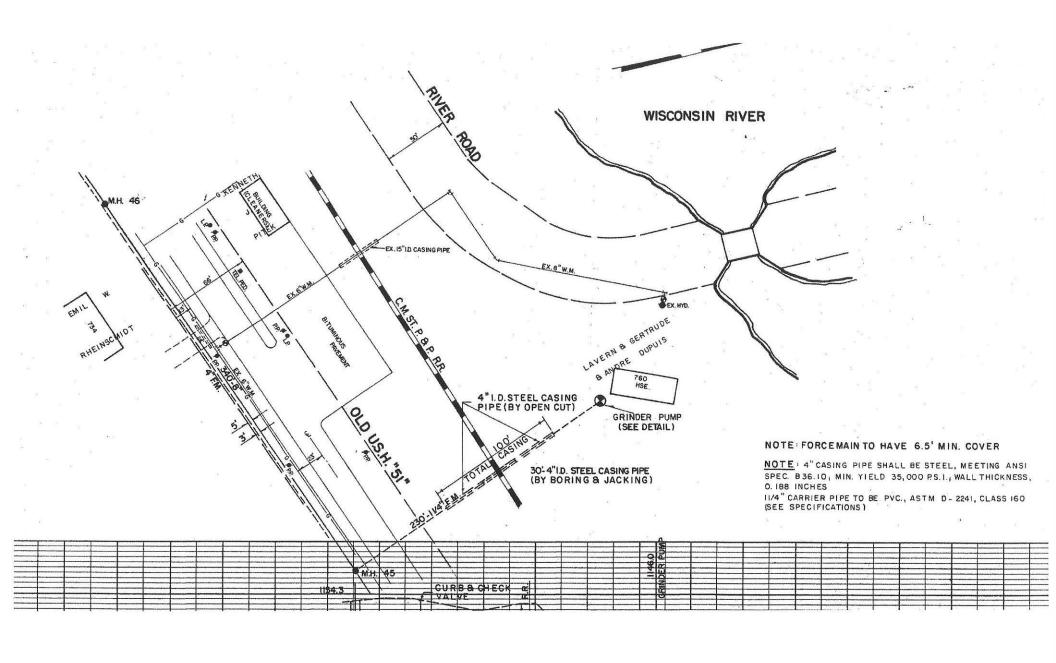
		ation							-											
TASKS				BUDGET					INVOI										COST BREAKOUT (this claim)	
	Bid / Budgeted	Change Order	Change Order	Change Order	Change Order Change Orde	H T0	Previous otal Approved Claims (If	DERF Claim #1Provider Name, Invoice	DERF Claim #1Provider Name Invoice # Billing	DERF Claim #1Provider Name, Invoice #, Billing	DERF Claim #2Provider Name, L	OFRE Claim #2Provider Name. Invoice # D	FRF Claim #2Provider Name, Invoice #	DERE Claim #3Provider Name Invoice	DERF Claim #3Provider Name, Invoice DERF Claim #3Provider Name, Invoi	e II. DERE Claim II3Provider Name Invoice II	Total Invoiced	A B C Soil Soil Groundwater	D E F G H Groundwater Air/Vapor Air/Vapor Lab & Other Miscellane	Budget Remaining yous Use (-) to indicate
Bid / Budgeted Description	Amount	#1- 9/28/12	#2 - 7/15/14	#3 - 6/26/15	#4 - 8/29/16 #5 - 9/21/20	N SE	Budget applicable)	W, Billing Date	Date Date	Date Date	Invoice W, Billing Date	Billing Date	Billing Date	W, Billing Date	II, Billing Date Billing Date	Billing Date	Costs	Investigation Remediation Investigation	Remediation Investigation Remediation Analysis Costs	cost over-run % Task Cor
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ermination	\$ 482.00	\$ 348.00 \$ 348.00	\$ 810.00		\$ 192.00	\$	1,832.00	REI, 22885, 2/1/12			REI, 25292, 8/5/13 (\$348.00)						\$ 565.00	\$ 348.00		\$ 1,267.00
iling impling	\$ 696.00					\$	1,044.00	REI, 22885, 2/1/12 REI, 22885, 2/1/12	REI, 23239, 5/8/12		REI, 25292, 8/5/13 (\$154,00)	REI, 25656, 11/11/13 (\$194.00)					\$ 783.00			\$ 261.00
mpling	\$ 1,044.00	\$ 1,218.00				\$	2,262.00	REI, 22885, 2/1/12 REI, 22885, 2/1/12			REI, 25292, 8/5/13 (\$1218.00)						\$ 783.00 \$ 2,165.00 \$ 710.00	\$ 1,218.00		\$ 97.00
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	\$ 3,106.00	S 504.00		\$ 1.092.00	400.0	S	4,702.00	REI, 22885, 2/1/12	REI, 23239, 5/8/12 REI, 23239, 5/8/12	REI, 23389, 6/8/12	REI, 25292, 8/5/13 (\$336.25)	REI, 25656, 11/11/13 (\$22.50)	REI, 25975, 1/10/14 (\$145.25) REI, 25975, 1/10/14 (\$1,183.25) REI, 25975, 1/10/14 (\$261.00)			REI, 28820, 813/15 (\$723.00) REI, 28820, 813/15 (\$582.25) REI, 27474, 11/14/14 (\$837.25)	\$ 1.959.75	\$ 145.25 \$ 358.75		\$ 2,742.25
port Preparation	\$ -	\$ 2,242.00				\$	2,242.00						REI, 25975, 1/10/14 (\$1,183.25)			REI, 27474, 11/14/14 (\$837.25)	\$ 1,183.25	5 \$ 145.25 \$ 358.75 5 \$ 1,183.25 0 \$ 348.00 \$ 502.00		
nagement tector Rental	\$ 1,004.00	\$ 850.00	\$ 850.00	\$ 348.00	\$ 1,764.00 \$ 348.0		5,164.00	REI, 22885, 2/1/12	REI, 23239, 5/8/12	REI, 23389, 6/8/12	REI, 25292, 8/15/13 (\$348.00)	REI, 25656, 11/11/13 (\$241.00)	REI, 25975, 1/10/14 (\$261.00)		REI, 26205, 3/10/14 (\$167.50)		\$ 1,169.00	\$ 348.00 \$ 502.00		\$ 3,995.00
letector Rental	\$ 90.00			\$ 90.00	\$ 290.00	\$	470.00		REI, 23239, 5/8/12								\$ 94.37	1		\$ 375.63
	\$ 100.00	\$ 200.00	\$ 450.00		\$ 300.00	3	1,200.00		PEI 23230 5/8/12		REI 25392 8/5/13 (\$125.00)	REI 25856 11/11/13 (\$75.00)		REI 26110 2/7/14 (\$75.00)		REI, 27474, 11/14/14 (\$75.00) REI, 27474, 11/14/14 (\$25.00)	\$ 275.00		e 20	\$ 1,200.00
vel Indicator	\$ 75.00	S 50.00	S 150.00		\$ 50.00	S	325.00		REI, 23239, 5/8/12 REI, 23239, 5/8/12		REI, 25292, 8/5/13 (\$125.00) REI, 25292, 8/5/13 (\$25.00)	REI, 25656, 11/11/13 (\$75.00) REI, 25656, 11/11/13 (\$25.00)		REI, 26110, 2/7/14 (\$75.00) REI, 26110, 2/7/14 (\$25.00)		REI, 27474, 11/14/14 (\$25.00)	\$ 62.50	i	\$ 5	0.00 S 262.50
Scale	\$ 25.00	\$ 75.00				\$	100.00										s -			\$ 100.00
ent Pump	\$ 150.00)				\$	150.00									REI, 27474, 11/14/14 (\$16.20)	s -			\$ 150.00
	\$ 37.50	\$ 75.00	\$ 225.00		\$ 250.00	\$	587.50		REI, 23239, 5/8/12		REI, 25292, 8/5/13 (\$48.00)	REI, 25656, 11/11/13 (\$24.90)		REI, 26110, 2/7/14 (\$10.00)		REI, 27474, 11/14/14 (\$16.20)	\$ 104.40)	\$ 7	2.90 \$ 483.10
ie .	\$ 78.00	1	1	l l	s 19.00	\$	78.00 79.00		 								s -			s 78.00 S 79.00
ter	\$ 18.00	\$ 12.00	\$ 36.00	.	¥ 15.00	S	66.00				REI, 25292, 8/5/13 (\$9.50)	REI, 25656, 11/11/13 (\$4.75)					\$ 14.25	1	S 1	4.25 \$ 51.75
	\$ 200.00	\$ 100.00	\$ 300.00		\$ 220.00	\$	820.00					REI, 25656, 11/11/13 (\$50.00) REI, 25656, 11/11/13 (\$85.00)				REI, 27474, 11/14/14 (\$50.00)	\$ 50.00	1	\$ 5	0.00 \$ 770.00
sampling pump Survey	\$ -	\$ 100.00 \$ 200.00	\$ 600.00		\$ 220.00 \$ 170.00	\$	970.00				REI, 25292, 8/5/13 (\$100.00)	REI, 25656, 11/11/13 (\$85.00)		REI, 26110, 2/7/14 (\$85.00)		REI, 27474, 11/14/14 (\$50.00) REI, 27474, 11/14/14 (\$85.00)	\$ 185.00		\$ 5	5.00 \$ 785.00
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nt sub-slab vapor probes ble Vapor Point	\$ 90.00	'		s 91.50		9	91.50													\$ 90.00
ble Vapor Point ter - O2, CO, CO2, CH4		1		\$ 250.00	\$ 150.0	s .	400.00													
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versight					\$ 1,488.00															
tallation					\$ 3,258.00															
em O&M ate Report Preparation			1		\$ 5,454.00		$\overline{}$													
er		+			\$ 3,291.00		$\overline{}$													
Vapor Report		1			\$ 948.0												\$ 16,320.02			
Consultant Cost Total	\$ 14,864.50	\$ 9,021.00	\$ 8,041.00	\$ 3,087.50	\$ 20,745.00 \$ 2,055.0	\$- \$	42,385.00 \$ -										\$ 16,320.02	2		\$ 22,349.73
ntractor Costs																				
ng Well Installation and Completion	\$ 4,650.00	\$ 3,875.00			\$ 897.00	\$	9,422.00	Groundsource, 2011-3143, 1/10/12			Grdsce, 2012-3603, 7/11/13 (\$3087.00) Grdsce, 2012-3603, 7/11/13 (\$1889.00) Grdsce, 2012-3603, 7/11/13 (\$200.00) Grdsce, 2012-3603, 7/11/13 (\$00.00)						\$ 6,487.00 \$ 1,889.00 \$ 350.00 \$ 1,300.00	\$ 3,087.00 \$ 1,889.00		\$ 2,935.00
econtamination	\$ 250.00	\$ 1,920.00	1		e 150.00	\$	1,920.00	Croundsource 2011 2142 1/10/12			Grdsce, 2012-3603, //11/13 (\$1889.00)						\$ 1,889.00	\$ 1,889.00		e 250.00
fobilization	\$ 900.00	\$ 900.00	-		\$ 300.00	S	2 100 00	Groundsource, 2011-3143, 1/10/12 Groundsource, 2011-3143, 1/10/12			Grdsce 2012-3603, 7/11/13 (900.00)						\$ 1300.00	\$ 900.00		S 800.00
Abandonment ush Borings Probes			\$ 140.00			\$	140.00				, , , , , , , , , , , , , , , , , , , ,									
ish Borings	\$ 800.00	\$ 400.00				\$	1,200.00 793.75 1,400.00	Geiss, 1263, 11/12/11				Geiss, 1658, 11/1/13 (\$400.00)				Geiss, 2048, 7/17/15 (\$601.50)	\$ 1,200.00	\$ 400.00		s -
Probes				\$ 793.75		\$	793.75									Geiss, 2048, 7/17/15 (\$601.50)	\$ 601.50	1		S 1.340.00
unt Covers	\$ 400.00	\$ 500.00	1		\$ 500.00	\$	1,400.00	Groundsource, 2011-3143, 1/10/12 Groundsource, 2011-3143, 1/10/12			Grdsce, 2012-3603, 7/11/13 (\$720.00)						\$ 60.00	\$ 730.00		\$ 1,340.00 \$ 460.00
ry Soil Sampling	\$ 1,064,96	\$ 266.24	-		\$ 65.00	S	1,396.20	Page 114049879 11/9/11	Pace, 124052094, 1/10/12		Page 134075021 7/19/13 (\$65.00)	Pace, 134080615, 11/18/13 (\$195.00) Pace, 134080461, 11/6/13 (\$585.00)					\$ 920.00	720.00	\$ 260.00	s 476.20
y Soil Sampling y Groundwater Sampling	\$ 998.40		\$ 3,194.88		\$ 520.00	S	5,977.92	Pace, 114049879, 11/9/11 Pace, 124052599, 1/27/12	Pace, 124055191, 4/17/12		Pace, 134075090, 7/22/13 (\$520.00)	Pace, 134080461, 11/6/13 (\$585.00)		Pace, 144083906, 2/4/14 (\$520.00)	Pace, 144087215, 5/7/14 (\$520.00) Pace, 133091012, 7/25/14 (\$520.00)	Pace, 144094913, 10/13/14 (\$520.00)	\$ 1,625.00		\$ 260.00 \$ 1,105.00	\$ 4,352.92
alysis	\$ -	\$ 1,264.64 \$ 133.12	\$ 399.36			\$	532.48										s -			
y Vapor Analysis	\$ 480.00)		\$ 720.00	\$ 500.00 \$ 250.0	\$	532.48 1,950.00 600.00 640.00	Pace, 121195199, 5/7/12 LCLF, 7840, 1/9/12			Lincoln Co. LF. 8726, 7/15/13 (\$150.00)					Pace, 15100108804, 8/3/15 (\$525.00)	\$ 200.00			\$ 1,750.00 0.00 \$ 300.00
sal	\$ 150.00	\$ 300.00 \$ 100.00	s 300.00	-	\$ 150.00 \$ 140.00	\$- \$	640.00	LCLF, 7840, 1/9/12 Wausau Waterworks, WW120054, 3/9/12			Lincoin Có. LF, 8/26, //15/13 (\$150.00)	Wausau Wtrwks, 1220833, 8/8/13 (\$38.50) V	Varieuri Whysic 1223001 12/10/12 (#5.25)		Wausau Wtrwrks, 1227340, 3/11/14 (\$7.00) Wausau Wtrwrks, 1230266, 6/10/14 (\$7.00)	00)	\$ 300.00		\$ 15 \$ 4	
posal ple Shipping					y 140.00	3		**************************************				**************************************	**************************************	1	**************************************	wy	¥ /1./5	9	3 4	5.75 9 508.25
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r Trenching n, Backfill, Compact poplacement on Backfill, Compact poplacement g and Masc Pittings g of Dilliyi Hookup lectrical Charges men Charge em Olf Gas Samples	f \$ 10,393.36 \$ 25,257.86	S 10.759.00	\$ 4,034.24 \$ 12,075.24	\$ 1,513.75 \$ 4,601.25	\$ 900.00 \$ 1,500.00 \$ 4,200.00 \$ 1,200.00 \$ 1,275.00 \$ 1,275.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	990.00 1,567.00 1,380.00 1,380.00 1,000.00 900.00 1,000.0	ş .	5	\$	5 .						\$ 16,444.25	5 1,241,26 5 · 5 12,843,29	\$ 5 · \$ · \$ 1,265.00 \$ 76	\$ 13,212.37 \$ 35,882.10
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DERF Site Investigation Bid Sheet Consultant Bid Summary

Form 4400-233 (R 4/04) Page 2 of 6

Site Information		
Site Name: Mosinee Dry Cleaners		
Consultant Name: REI Engineering	ı, Inc.	Applicant Name: Annie Maas
Bid Summary		
Drilling Costs Total =		
Analytical Costs Total =	\$250.00	
Consulting Costs Total =	\$1,905.00	
Misc Costs Total =	\$150.00	
Grand Total =	\$2,305.00	
I certify that the costs are an accurat adhere to s.292.65 Stats. and ch NR		d costs for the site investigation and I understand and will
Consultant Signature		Date

Please attach to these forms a written narratige specifying how the tasks outlined in these sheets will be performed.





Facing east from southeast corner of property



Blue water shut-off depicts where sewer and water service angle into the building



Sewer line on north side of Old Hwy 51, no manholes facing west from southwest corner of property



Sewer line on north side of Old Hwy 51 and manhole



sewer vent stack on roof, northeast corner of building