

From: Bill Buckingham <Bill@reaeng.com>
Sent: Thursday, December 17, 2020 11:43 AM
To: Koepke, Cynthia L - DNR
Subject: RE: Shorewood Commons project, 02-13-560698
Attachments: GWLab&DepthData.pdf

Follow Up Flag: Follow up
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Hi Cindy,

We are still trying to get quotes for injections. Mike Schmoller had given us some names, i.e. The folks doing the work at Hilldale and a couple of other sites, but we have no success in getting a return call from them. We did get a proposal from Orin Technologies back in October of 2018 which we had forwarded to Mike and discussed with Mike and Steve Martin in a December 2018 meeting. I wasn't sure if they were totally sold on the approach Orin had proposed and that's why we had pursued other proposals. Mr. Flad is anxious to get going on this so I have gone back to Orin and they are revising their proposal and I hope to have something to submit to you in January 2021. This Covid stuff has kind of screwed us up as we have had staff members here get sick from it.

Because things have been dragging out I did sample the groundwater in October and have attached the data. The PCE and TCE levels detected have come down from the last sampling done in September of 2018.

I have to admit I wasn't aware that all of those logos were on the bottom of our web pages. I haven't looked at it in years. From what I gather they had a third party contactor design the web page a few years and he must have added the logos. I told our IT guy and he will get the DNR's logo removed.

I was very sad to hear about Mike. We had worked together on various sites around Madison over the past 25 years and always enjoyed working with him. Always made a point to stop and visit him when I was reviewing files at the South Central office. He will be missed.

Anyway, I look forward to working with on this project. Have a Happy Holiday.

Bill

From: Koepke, Cynthia L - DNR <Cynthia.Koepke@wisconsin.gov>
Sent: Monday, December 14, 2020 4:15 PM
To: Bill Buckingham <Bill@reaeng.com>
Subject: Shorewood Commons project, 02-13-560698

Hello!

I'm the new project manager for the Shorewood Commons project, 3330 University Avenue. You probably heard our sad news that Mike Schmoller passed away last summer.

I have looked through the file and on BRRTS. I see that you've been trying to get some quotes for chemical injection out there. Are you also still doing groundwater monitoring or anything else? Could you please send me a short email update on what's happening? That'll be a big help as I get familiar with the project.

Also I noticed you have the DNR's logo along the footer of your web pages. DNR does not endorse or recommend particular private businesses, so please remove that logo. I can put you in touch with someone in our Office of Communication if you would like more information. This is different than being on DNR's environmental services contractor list (a list of self-identified consultants, not a list of endorsements/recommendations).

Thank you.
Cindy Koepke

We are committed to service excellence.

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

Cindy Koepke, P.G.

[she/her/hers]

Hydrogeologist – Remediation & Redevelopment Program

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Email: cynthia.koepke@wisconsin.gov



(9/26/18) (10/26/20)			<0.28 <0.28	<0.28 <0.28	<0.28 <0.28	<0.28 <0.28	<0.28 <0.28	<0.28 <0.28	<0.28 <0.28	<0.28 <0.28
MTBE (ug/l) (11/26/13) (2/20/14) (6/10/15) (5/18/16) (5/18/17) (11/14/17) (3/15/18) (9/26/18) (10/26/20)	60	12	<0.24 <0.24 <0.24 <0.24 <0.39 <0.39 <0.39 <0.39 <0.39	<0.24 <0.24 <0.24 <0.24 <0.39 <0.39 <0.39 <0.39 <0.39	<0.24 <0.24 <0.24 <0.24 <0.39 <0.39 <0.39 <0.39 <0.39	NA NA NA NA <0.39 <0.39 <0.39 <0.39 <0.39	NA NA NA NA <0.39 <0.39 <0.39 <0.39 <0.39	NA NA NA NA <0.39 <0.39 <0.39 <0.39 <0.39	<0.24 <0.24 <0.24 <0.24 <0.39 <0.39 <0.39 <0.39 <0.39	<u>55</u> NA NA <u>31</u> <u>27</u> 0.79 J <0.39 <0.39 <0.39
Trichloroethene (ug/l) (11/26/13) (2/20/14) (6/10/15) (5/18/16) (5/18/17) (11/14/17) (3/15/18) (9/26/18) (10/26/20)	5	0.5	23 21 11 11 8.8 12 9.1 9.6 7.7	5.1 5.9 5.5 <u>3.8</u> <0.16 <u>2.3</u> <u>0.98</u> <0.16 <0.16	<u>4.5</u> 13 6.9 <u>1.9</u> <u>3.1</u> 7.9 <u>0.53</u> <u>4.5</u> <u>2.7</u>	NA NA NA NA <0.16 <0.16 <0.16 <0.16 <0.16	NA NA NA NA <0.16 9.7 12 <u>4.8</u> <0.16	NA NA NA NA <0.16 <0.16 <0.16 <0.16 <0.16	<0.19 0.39 <0.19 <0.19 <0.16 <0.16 <0.16 <0.16 <0.16	21 NA NA 27 68 13 <u>2.5</u> <u>1.5</u> 0.31 J
Tetrachloroethene (ug/l) (11/26/13) (2/20/14) (6/10/15) (5/18/16) (5/18/17) (11/14/17) (3/15/18) (9/26/18) (10/26/20)	5.0	0.5	640 920 330 350 460 340 280 440 230	160 170 45 34 <u>1.2</u> 11 <u>2.4</u> <0.37 <u>0.64 J</u>	490 810 690 470 300 440 21 220 180	NA NA NA NA <0.37 <0.37 <0.37 <0.37 <0.37	NA NA NA NA 930 760 740 440 230	NA NA NA NA <0.37 <0.37 <0.37 <0.37 <0.37	15 11 6.8 7.9 <u>4.8</u> 0.71 J <0.37 <0.37 <0.37	410 NA NA 190 180 42 9.2 6.2 <u>0.70 J</u> <u>0.86 J</u>

Abbreviations: ug/l = micrograms per liter NA = Not Analyzed and/or Not Yet Installed
MTBE = methyl-tertiary-butyl-ether J = Result is Less than RL but greater than or equal to the MDL
ES = Enforcement Standard PAL = Preventive Action Level

Notes: 1) Bold indicates parameter exceeded the NR 140 ES
2) Underline indicates parameter exceeded the NR 140 PAL
3) Only compounds of interest or above the detection level in at least 1 sample are shown in the table.

Table 2
 Depth to Groundwater Measurements & Water Table Elevations
 3330 University Avenue

Monitoring Well	Screened Interval	PVC Elevation		11/26/13	2/20/14	6/10/15	5/18/16	5/18/17
MW-1/1R	17-27 /14-24 feet bg	882.61/882.47	Depth to Water (feet)	25.09	25.49	20.71	22.57	19.82
			Water Table Elevation	857.52	857.12	861.90	860.04	862.79
MW-2	17.5-27.5 feet bg	880.34	Depth to Water (feet)	23.79	23.98	19.58	21.46	17.77
			Water Table Elevation	856.55	856.36	860.76	858.88	862.57
MW-3	17-27 feet bg	881.05	Depth to Water (feet)	24.95	25.16	20.49	22.27	18.86
			Water Table Elevation	856.10	855.89	860.56	858.78	862.19
MW-9	20-30 feet bg	880.41	Depth to Water (feet)	22.91	23.26	18.37	20.46	17.86
			Water Table Elevation	857.50	857.15	862.04	859.95	862.55
MW-4	8-18 feet bg	879.50	Depth to Water (feet)	NA	NA	NA	NA	16.95
			Water Table Elevation	NA	NA	NA	NA	862.55
PZ-1	38-43 feet bg	881.23	Depth to Water (feet)	NA	NA	NA	NA	18.94
			Water Table Elevation	NA	NA	NA	NA	862.29
PZ-2	28-33 feet bg	879.25	Depth to Water (feet)	NA	NA	NA	NA	16.98
			Water Table Elevation	NA	NA	NA	NA	862.27
PZ-4	45-50 feet bg	880.06	Depth to Water (feet)	22.74	NA	18.01	20.03	17.37
			Water Table Elevation	857.32	NA	862.05	860.03	862.69

Table 2 (Continued)
 Depth to Groundwater Measurements & Water Table Elevations
 3330 University Avenue

Monitoring Well	Screened Interval	PVC Elevation		11/6/17	11/14/17	3/15/18	9/26/18	10/26/20
MW-1/1R	17-27 /14-24 feet bg	882.61/882.47	Depth to Water (feet)	14.95	15.01	16.57	15.39	19.02
			Water Table Elevation	867.52	867.46	865.90	867.08	863.59
MW-2	17.5-27.5 feet bg	880.34	Depth to Water (feet)	13.78	13.42	14.60	14.29	17.61
			Water Table Elevation	866.56	866.92	865.74	866.05	862.73
MW-3	17-27 feet bg	881.05	Depth to Water (feet)	14.91	14.58	15.84	15.30	18.71
			Water Table Elevation	866.14	866.47	865.21	865.75	862.34
MW-9	20-30 feet bg	880.41	Depth to Water (feet)	13.38	13.08	14.69	13.45	17.05
			Water Table Elevation	867.03	867.33	865.72	866.96	863.36
MW-4	8-18 feet bg	879.50	Depth to Water (feet)	14.50	14.55	14.43	8.03	16.40
			Water Table Elevation	865.00	864.95	865.07	871.47	863.10
PZ-1	38-43 feet bg	881.23	Depth to Water (feet)	15.02	14.72	15.91	15.72	19.03
			Water Table Elevation	866.21	866.51	865.32	865.51	862.20
PZ-2	28-33 feet bg	879.25	Depth to Water (feet)	14.80	14.57	14.74	10.63	16.86
			Water Table Elevation	864.45	864.68	864.51	868.62	862.39
PZ-4	45-50 feet bg	880.06	Depth to Water (feet)	12.79	12.68	14.27	13.02	16.65
			Water Table Elevation	867.27	867.38	865.79	867.04	863.41