

KPRG and Associates, Inc.

STATUS REPORT, ADDITIONAL WORK PLAN and BUDGET REQUEST

January 17, 2017

Mr. David Volkert
Wisconsin Department of Natural Resources
141 NW Barstow Street, Room 180
Waukesha, WI 53188

VIA Email and US Mail

KPRG Project 10009

Re: Status Report, Additional Work Plan and Budget Request – January 2017
Former Bask Dry Cleaners – Waukesha, WI
BRRTS# 02-68-297669, FID# 268188800

Dear Mr. Volkert:

Results from the most recent round of groundwater sampling, indoor air sampling and soil vapor sampling have been completed. The groundwater data are summarized in Tables 1 and 2. The indoor air data are summarized in Table 3 and the soil vapor data are summarized in Table 4. Each is discussed separately below followed by a proposed additional scope of work and budget based on our telephone discussion on October 27, 2016.

Groundwater Evaluation

Three new monitoring wells have been installed and sampled since the last data summary report. These wells are identified as MW-14, MW-15 and MW-16 and are included on Figure 1. Copies of the boring logs and well construction summaries are provided in Attachment 1.

The most recent rounds of groundwater samples were collected on June 1st through 3rd and September 20th through 23rd, 2016. The groundwater elevation measurements are included in Table 1 and the data are summarized in Table 2 which includes historical data. Figure 1 provides the most recent groundwater flow map (consistent with historic trends) and Figure 2 provides extent of impact contours based on that data for tetrachloroethene (PCE) and trichloroethene (TCE). There was only one detection of cis-1,2 dichloroethene (DCE) above the enforcement standard (ES) which was at location MW-6, immediately down gradient of the source area. The only vinyl chloride detection in the most recent sampling was 8.9 ug/l at well MW-5 which is within the source area.

An evaluation of Figure 2 indicates that the leading edge of the impacted groundwater plume has not yet been defined. Based on discussions with WDNR, three additional downgradient monitoring wells are proposed as further discussed in the Additional Work Plan Scope of Work section below.

Soil Vapor Intrusion Evaluation

Indoor Air Sampling

Since the previous submittal, a sub-slab depressurization system (SSDS) was installed at 2156 Rambling Rose on December 16, 2015. At the request of the homeowner, a pre-installation indoor air sample was collected on December 2, 2015. A follow-up, post-installation indoor air sample was collected on March 31, 2016 in accordance with the previously approved Work Plan. The samples were analyzed for chlorinated volatile organic compounds (CVOCs) using Method TO15. The data are summarized in Table 3. A review of Table 3 indicates that there were no detections of CVOCs in either sample above established guidelines/standards.

Soil Vapor Probe Sampling

Three additional soil vapor probes (SV-13, SV-14 and SV-15) were installed in March 2016 per the previously approved Work Plan. Locations of the vapor probe locations are shown on Figure 3. A complete round of soil vapor samples was collected on March 31, 2016. Table 4 summarizes all soil vapor sampling data to date including the most recent round of sampling. Figure 3 provides an isoconcentration contour map of soil vapor impacts. Based on this sampling, the extent of soil vapor impacts appears to be adequately defined.

ADDITIONAL WORK PLAN SCOPE OF WORK

For budget estimating purposes, the additional work discussed below is divided into the following tasks:

- Task 1 – Additional Requested Work Planning/Coordination
- Task 2 – New Well Installations
- Task 3 – Additional Groundwater Sampling
- Task 4 – Additional Reporting
- Task 5 – Operation and Maintenance

Each task is discussed separately below.

Task 1 – Additional Requested Work Planning/Coordination

Three new monitoring wells (MW-17, MW-18 and MW-19) are being proposed at locations shown on Figure 4. Two of these wells (MW-17 and MW-18) will be on private commercial property and the other well (MW-19) will be located along a road right-of-way. The scope of this task includes the project management and planning that will be required for the successful completion of the additional work. This includes negotiating a property access agreement for two of the proposed wells and obtaining a new permit from the City of Waukesha for the installation of the other proposed well which will be within the right-of-way.

Task 2 – Well Installations

The three proposed monitoring wells will be drilled and installed with sonic drilling techniques. This is due to the refusal encountered with standard hollow stem auger drilling during the installation of wells MW-15 and MW-16 in 2015 (a second mobilization was needed for a sonic rig to complete the installations). All installation, development and reporting procedures will be followed in accordance with previously approved work plans.

Task 3 – Additional Groundwater Sampling

Two rounds of additional groundwater sampling will be performed for all new and existing wells. The first round will be approximately two weeks after completion of new well installation and development. The second round will occur approximately three months later. Groundwater sample collection, handling and shipping procedures will be in accordance with previously approved work plans. The samples will be analyzed for CVOCs.

Task 4 – Additional Reporting

This task covers the additional effort in tabulating, evaluating and reporting the added data. This includes tables, figures and text discussions.

Task 5 – Operation and Maintenance

Several items will require maintenance to continue providing the data and information that is necessary for continued monitoring and minimizing downward migration of potential surficial issues. These include the following:

- Repairing the flush mount covers for wells MW-4, MW-5, MW-7, MW-12, MW-11, PZ-1 and PZ-2. All of these wells are within the back driveway of the shopping mall and have been asphalt paved over several time resulting in damaged covers, etc. Repairs will include replacing the damaged covers and

setting concrete anchors/pads that will better withstand seasonal wear such as snow plowing.

- Abandon five former Soil Vapor Extraction System (SVE) test wells (VE-1 through VE-5) from the Arcadis Pilot Test study to remove unnecessary potential migration pathways.

PATHWAY TO CLOSURE

It is our understanding that once the extent of groundwater impacts has been sufficiently defined, the site will be ready for conditional closure consideration. If the data indicate that additional work is necessary, discussions will be held with WDNR to define further scope.

COST ESTIMATE

Costs are summarized in Table 5 and detailed on the costing sheets in Attachment 2. The additional requested budget for the above defined scope of work is \$57,076. The unit rates used in this cost estimate are consistent with previous KPRG rates.

Only those costs incurred will be billed. All billing will be performed on a monthly basis using the unit rates. No additional work will be performed until formal WDNR approval of the proposed budget is received. If there are any questions, please contact me at 262-781-0475.

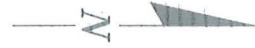
Sincerely,
KPRG and Associates, Inc.



Richard R. Gnat, P.G.
Principal

cc: Mr. Greg Butts, former Bask Dry Cleaners
Ms. Michelle Williams, Husch Blackwell, LLP.
Mr. Donald Gallo, Husch Blackwell, LLP

FIGURES



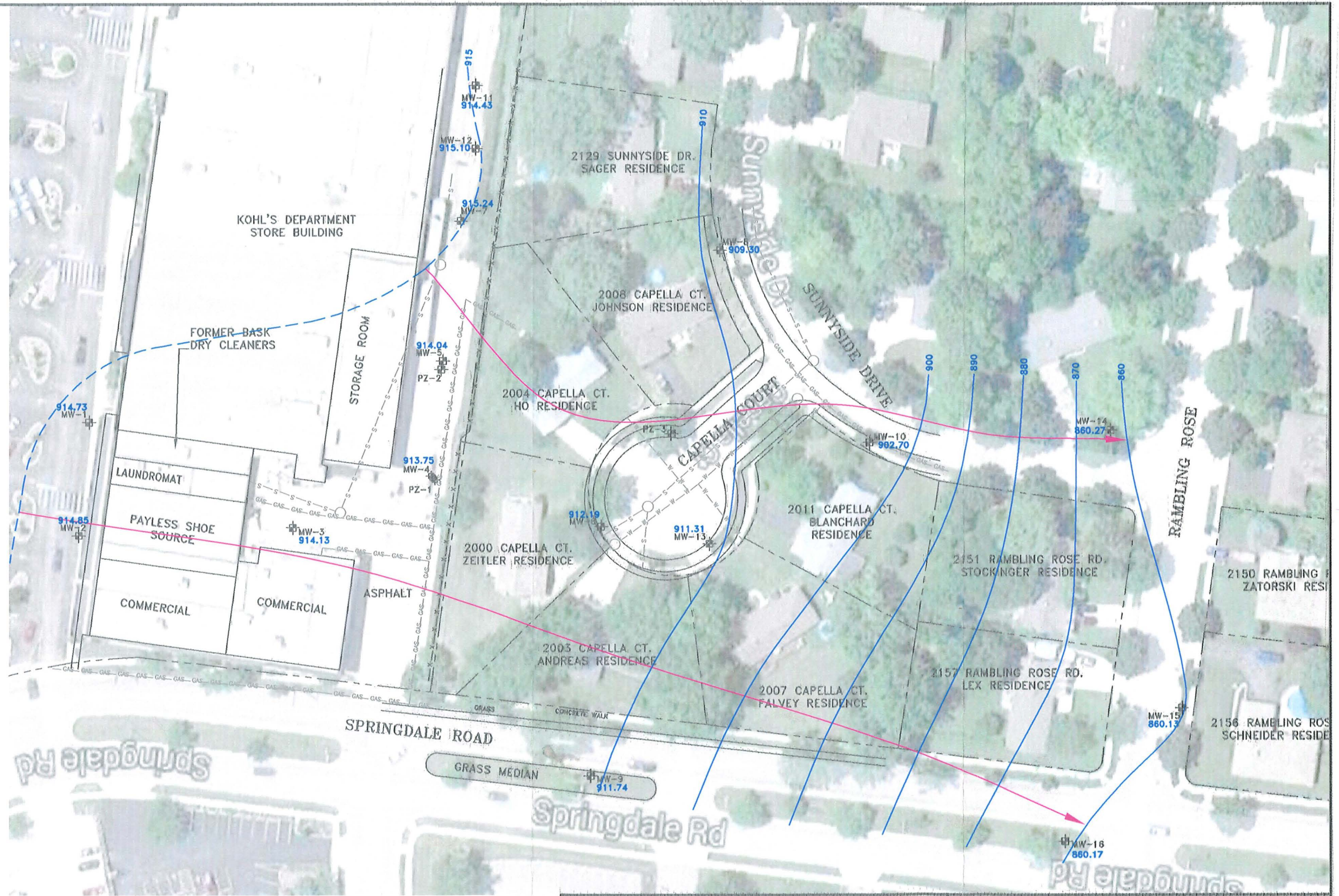
LEGEND

MW-12 MONITORING WELL,
PIEZOMETER LOCATION

GROUNDWATER
CONTOUR

GROUNDWATER
DETAIL CONTOUR

GROUNDWATER FLOW
DIRECTION



0 70'
APPROXIMATE SCALE

ENVIRONMENTAL CONSULTATION & REMEDIATION

K P R G

KPRG and Associates, Inc.

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414 Plaza Drive, Suite 106 Westmont, Illinois 60559 Telephone 630-325-1300 Facsimile 630-325-1393

GROUNDWATER CONTOURS—SEPTEMBER 2016

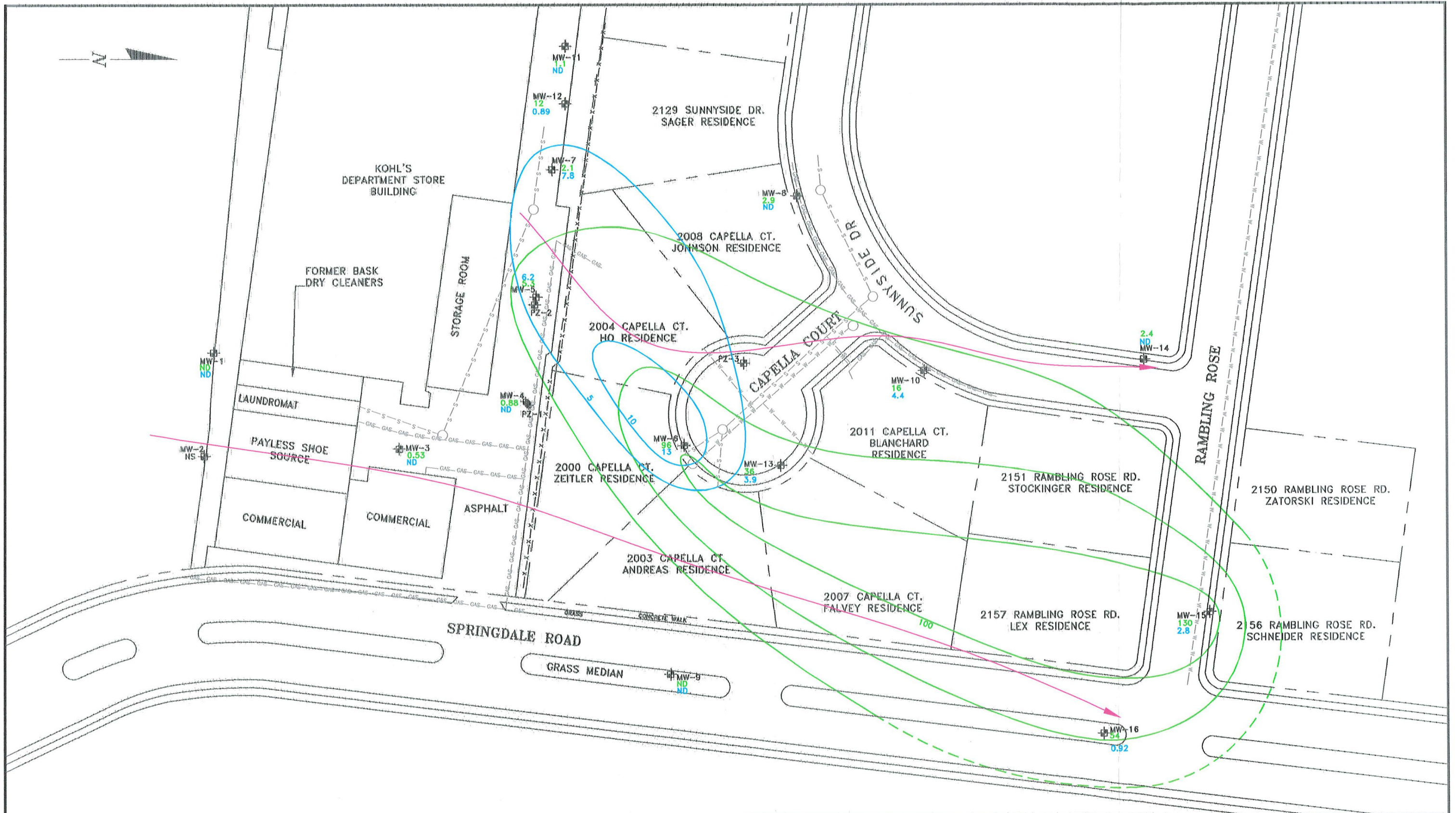
WESTBROOK SHOPPING CENTER
WAUKESHA, WISCONSIN

Scale: 1" = 70'

Date: October 5, 2016

KPRG Project No. 10009

FIGURE 1



LEGEND

MW-12
 MONITORING WELL,
 PIEZOMETER LOCATION

PCE CONCENTRATION
 CONTOUR

TCE CONCENTRATION
 CONTOUR

GROUNDWATER FLOW
 DIRECTION

PCE ENFORCEMENT
 STANDARD = 5 µg/L

TCE ENFORCEMENT
 STANDARD = 5 µg/L

0 70'
 APPROXIMATE SCALE

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EXTENT OF GROUNDWATER IMPACTS

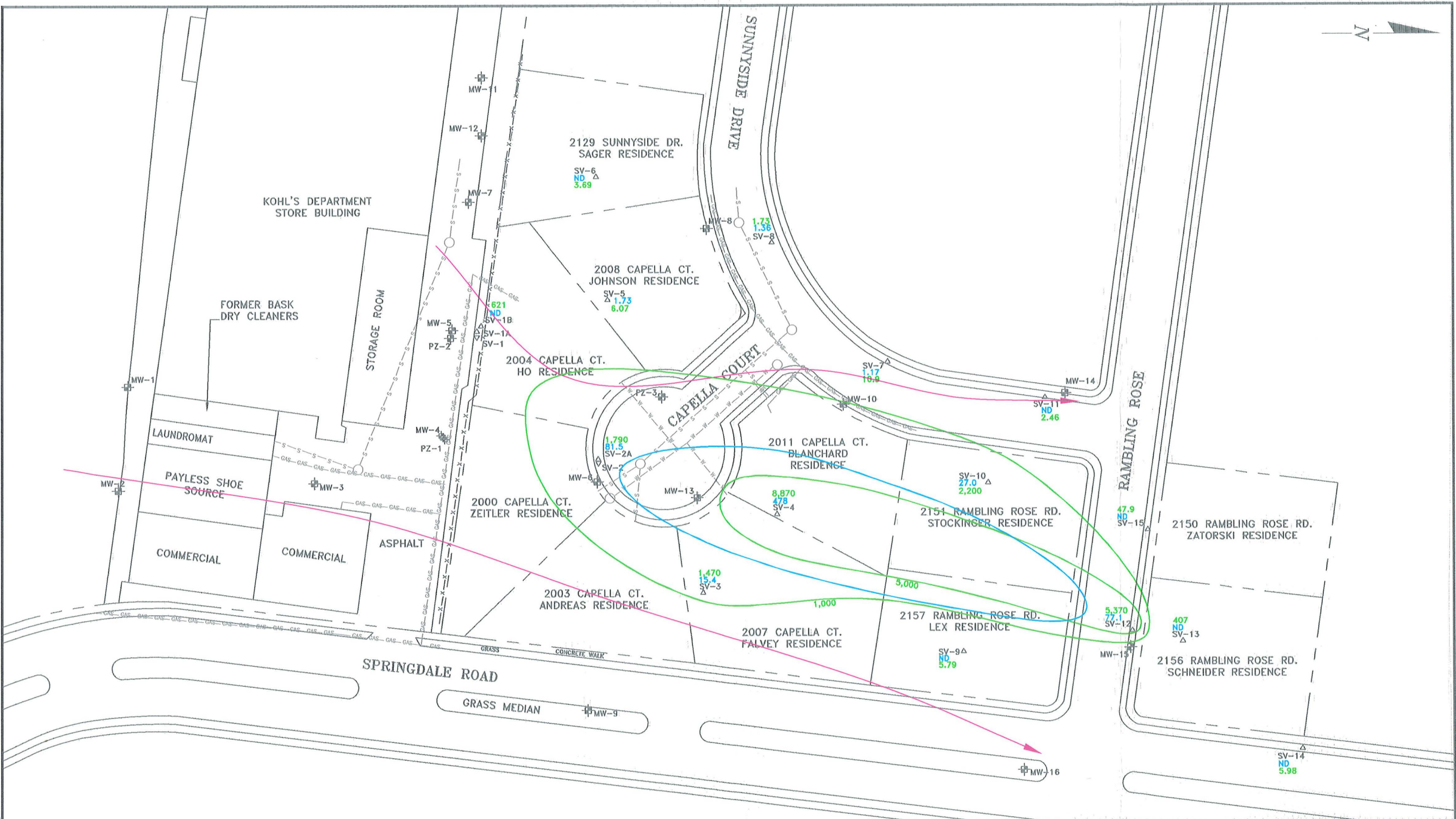
WESTBROOK SHOPPING CENTER
 WAUKESHA, WISCONSIN

Scale: 1" = 70'

Date: October 31, 2016

KPRG Project No. 10009

FIGURE 2



LEGEND

- MW-12 MONITORING WELL, PIEZOMETER LOCATION
- SV-1A SOIL VAPOR PROBE LOCATION
- 1,000 PCE CONCENTRATION CONTOUR
- 100 TCE CONCENTRATION CONTOUR
- GROUNDWATER FLOW DIRECTION
- PCE VAPOR RISK SCREENING LEVEL = 4,200 $\mu\text{g}/\text{m}^3$
- TCE VAPOR RISK SCREENING LEVEL = 210 $\mu\text{g}/\text{m}^3$



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EXTENT OF SOIL VAPOR IMPACTS

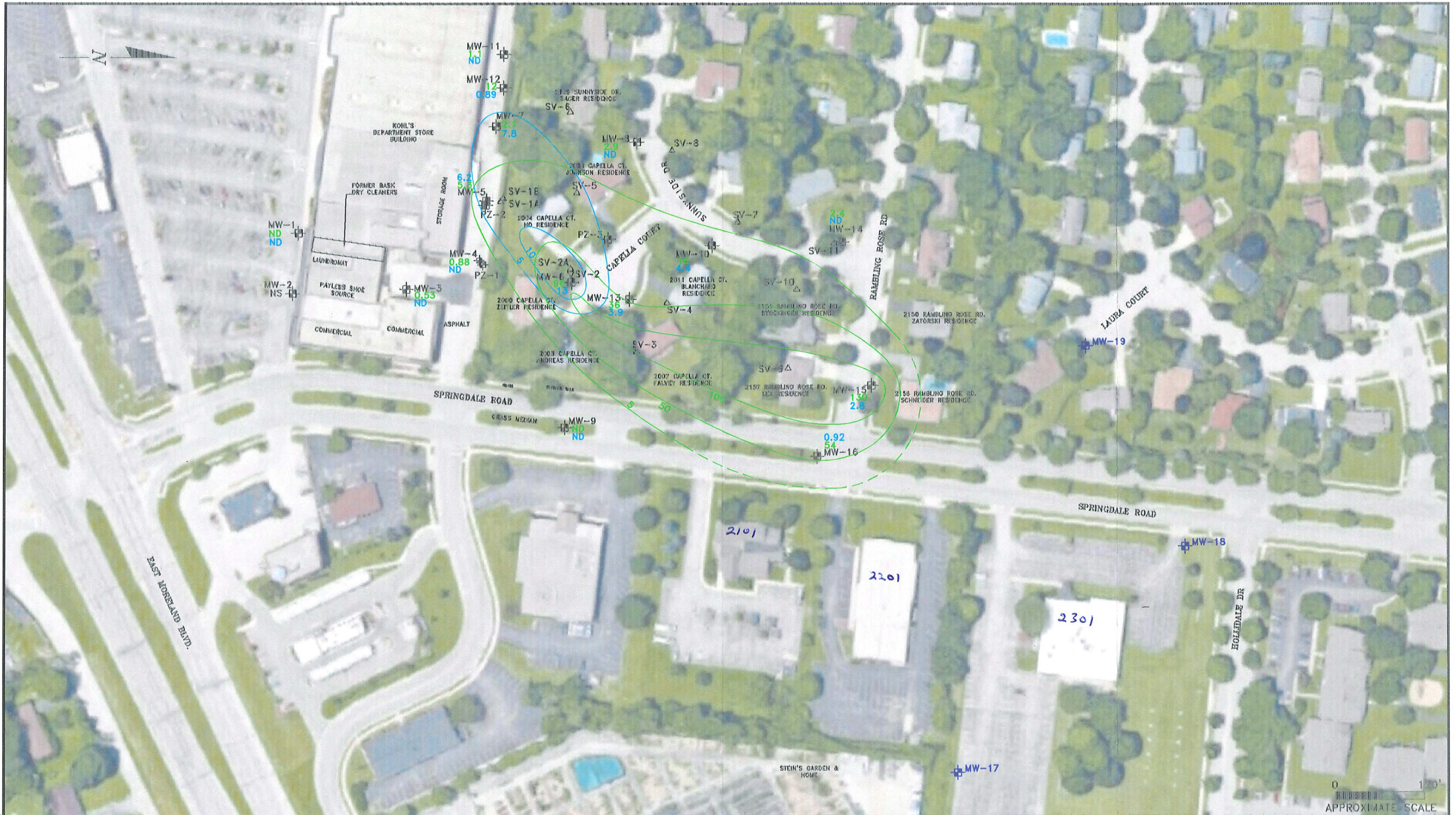
WESTBROOK SHOPPING CENTER
WAUKESHA, WISCONSIN

Scale: 1" = 70'

Date: October 31, 2016

KPRG Project No. 10009

FIGURE 3



LEGEND

MW-12 EXISTING MONITORING WELL, PIEZOMETER LOCATION

MW-17 PROPOSED MONITORING WELL LOCATION

SV-1A SOIL VAPOR PROBE

5 PCE CONCENTRATION CONTOUR

5 TCE CONCENTRATION CONTOUR
 PCE ENFORCEMENT STANDARD = 5 µg/L
 TCE ENFORCEMENT STANDARD = 5 µg/L

ENVIRONMENTAL CONSULTATION & REMEDIATION

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PROPOSED ADDITIONAL MONITORING WELLS LOCATIONS

WESTBROOK SHOPPING CENTER
 WAUKESHA, WISCONSIN

Scale: 1" = 120'

Date: November 28, 2016

KPRG Project No. 10009

FIGURE 4

TABLES

Table 1. Water Level Elevation Table - Former Bask Dry Cleaners, Westbrook Shopping Center, Waukesha, WI

WELL	USGS Datum Elevations		3/23/2005		10/19/2005		6/19/2008		8/25/2008		8/20/2009		12/7/2009		3/10/2010		6/4/2010	
	Ground	Top of Casing	Depth to Water	Water Elev	Depth to Water	Water Elev	Depth to Water	Water Elev	Depth to Water	Water Elev	Depth to Water	Water Elev	Depth to Water	Water Elev	Depth to Water	Water Elev	Depth to Water	Water Elev
MW-1	941.64	941.25	27.46	913.79	28.11	913.14	24.31	916.94	24.22	917.03	24.51	916.74	25.10	916.15	25.23	916.02	25.03	916.22
MW-2	942.41	942.07	28.45	913.62	29.17	912.90	26.25	915.82	25.20	916.87	25.48	916.59	26.07	916.00	26.21	915.86	24.97	917.10
MW-3	937.79	937.32	24.07	913.25	24.90	912.42	20.80	916.52	21.33	915.99	21.68	915.64	22.11	915.21	22.11	915.21	21.86	915.46
MW-4	932.33	931.89	19.18	912.71	20.05	911.84	15.54	916.35	16.30	915.59	16.37	915.52	17.00	914.89	16.97	914.92	16.71	915.18
MW-5	934.42	934.08	20.82	913.26	21.35	912.73	17.62	916.46	18.15	915.93	18.25	915.83	18.76	915.32	19.90	914.18	19.15	914.93
MW-6	925.93	925.65	13.96	911.69	15.15	910.50	10.21	915.44	11.61	914.04	>11.8	NV	11.98	913.67	11.87	913.78	11.91	913.74
MW-7	935.95	935.58	21.98	913.60	23.17	912.41	18.85	916.73	19.22	916.36	18.35	917.23	18.89	916.69	18.30	917.28	17.85	917.73
MW-8	923.36	922.92	12.58	910.34	14.96	907.96	11.01	911.91	12.88	910.04	12.93	909.99	12.91	910.01	12.90	910.02	12.58	910.34
MW-9	919.56	919.23	8.18	911.05	9.50	909.73	4.34	914.89	5.83	913.40	5.81	913.42	6.11	913.12	5.75	913.48	5.90	913.33
MW-10	918.24	917.88	15.31	902.57	17.40	900.48	8.24	909.64	12.52	905.36	12.35	905.53	12.51	905.37	11.43	906.45	11.78	906.10
MW-11	NS	NS	NM	NS	NM	NS	19.42	NS	19.15	NS	19.45	NS	20.00	NS	19.75	NS	19.55	NS
MW-12	NS	NS	NM	NS	NM	NS	17.55	NS	17.99	NS	17.96	NS	18.55	NS	17.30	NS	18.34	NS
MW-13	NS	NS	NM	NS	NM	NS	9.84	NS	10.93	NS	10.88	NS	11.03	NS	10.43	NS	10.78	NS
PZ-1	932.34	931.82	40.51	891.31	41.20	890.62	40.92	890.90	40.90	890.92	40.46	891.36	40.74	891.08	39.00	892.82	40.25	891.57
PZ-2	934.27	933.79	DRY	NV	NM	NV	59.14	874.65	59.30	874.49	58.96	874.83	59.05	874.74	59.00	874.79	58.98	874.81
PZ-3	NS	922.99	DRY	NV	NM	NV	DRY	NV	DRY	NV	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY

WELL	USGS Datum Elevations		12/16/2010		6/21/2011		6/20/2012		1/18/2013		10/22/2014		6/30/2015		6/1/2016		9/20/2016	
	Ground	Top of Casing	Depth to Water	Water Elev	Depth to Water	Water Elev	Depth to Water	Water Elev	Depth to Water	Water Elev	Depth to Water	Water Elev	Depth to Water	Water Elev	Depth to Water	Water Elev	Depth to Water	Water Elev
MW-1	941.64	941.34	25.33	915.92	24.96	916.29	26.58	914.67	27.51	913.74	26.29	914.96	27.13	914.12	26.42	914.92	26.61	914.73
MW-2	942.41	942.15	26.24	915.83	25.92	916.15	27.34	914.73	NM	NM	27.04	915.03	27.91	914.16	27.14	915.01	27.30	914.85
MW-3	937.79	937.48	22.40	914.92	21.87	915.45	23.26	914.06	23.88	913.44	23.12	914.20	23.50	913.82	23.13	914.35	23.35	914.13
MW-4	932.33	932.09	17.33	914.56	16.73	915.16	DRY	DRY	DRY	DRY	17.90	913.99	DRY	DRY	17.94	914.15	18.34	913.75
MW-5	934.42	934.19	18.94	915.14	18.51	915.57	20.18	913.90	21.02	913.06	20.02	914.06	20.68	913.40	19.93	914.26	20.15	914.04
MW-6	925.93	925.78	12.43	913.22	11.71	913.94	13.32	912.33	14.18	911.47	13.35	912.30	13.99	911.66	13.14	912.64	13.59	912.19
MW-7	935.95	935.90	19.40	916.18	18.24	917.34	20.85	914.73	21.96	913.62	20.56	915.02	21.27	914.31	20.56	915.34	20.66	915.24
MW-8	923.36	923.05	13.56	909.36	12.78	910.14	13.88	909.04	14.09	908.83	13.84	909.08	14.09	908.83	14.61	908.44	13.75	909.30
MW-9	919.56	919.44	7.59	911.64	5.76	913.47	7.55	911.68	8.43	910.80	7.11	912.12	8.21	911.02	7.30	912.14	7.70	911.74
MW-10	918.24	917.99	13.73	904.15	12.30	905.58	14.15	903.73	16.02	901.86	14.86	903.02	15.15	902.73	13.82	904.17	15.29	902.70
MW-11	NS	935.81	20.30	NS	19.77	NS	21.32	NS	22.23	NS	21.21	NS	22.00	NS	21.22	914.59	21.38	914.43
MW-12	NS	935.15	18.75	NS	18.46	NS	19.84	NS	20.96	NS	19.65	NS	20.69	NS	19.95	915.20	20.05	915.10
MW-13	NS	922.36	11.53	NS	10.62	NS	11.50	NS	12.13	NS	11.72	NS	11.72	NS	11.42	910.94	11.05	911.31
MW-14	NS	908.25	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	47.69	860.56	47.98	860.27
MW-15	NS	903.57	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	43.14	860.43	43.44	860.13
MW-16	NS	903.61	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	43.15	860.46	43.44	860.17
PZ-1	932.34	933.97	39.18	892.64	40.35	891.47	40.08	891.74	41.23	890.59	39.95	891.87	40.38	891.44	40.14	893.83	39.21	894.76
PZ-2	934.27	932.02	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
PZ-3	NS	923.13	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY

Notes: All USGS elevation data in feet above mean sea level. All depth to water data in feet below top of casing. KPRG and Associates, Inc. data begins 8/20/09. Wells resurveyed for the 6/1/16 sampling. NS- Not Surveyed NI - Not Installed NM- Not Measured DRY- Well was dry

Table 2. Summary of Groundwater Analytical Results - former Bask Dry Cleaners

Sample Parameter	Sample Date	WDNR NR 140 Standards		MW-1													MW-3												
		PAL	ES	06/19/08	08/20/09	12/07/09	03/10/10	06/04/10	12/16/10	06/22/11	06/18/12	01/18/13	10/22/14	06/30/15	06/01/16	09/20/16	06/19/08	08/21/09	12/07/09	03/10/10	06/04/10	12/16/10	06/22/11	06/18/12	01/18/13	10/22/14	06/30/15	06/02/16	09/22/16
cis-1,2-Dichloroethene		7.0	70	<0.83	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.12	<0.12	<0.12	<0.12	<0.41	<0.41	<0.83	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.12	<0.12	<0.12	<0.12	<0.41	<0.41
trans-1,2-Dichloroethene		20	100	<0.89	<0.50	<0.50	<0.50	<0.50	<0.50	<0.25	<0.25	<0.25	<0.25	<0.35	<0.35	<0.89	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.25	<0.25	<0.25	<0.25	<0.35	<0.35	
Tetrachloroethene		0.5	5.0	<0.45	<0.50	<0.50	<0.50	<0.50	<0.50	<0.17	<0.17	<0.17	<0.17	<0.37	<0.37	<0.45	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.77 J	1.6	<0.17	<0.17	<0.37	0.53	
Trichloroethene		0.5	5.0	<0.48	<0.20	<0.20	<0.20	<0.20	<0.20	<0.19	<0.19	<0.19	<0.19	<0.16	<0.16	<0.48	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.19	<0.19	<0.19	<0.19	<0.16	<0.16	
Vinyl Chloride		0.02	0.2	U	<0.20	<0.20	<0.20	<0.20	<0.20	<0.10	<0.10	<0.10	<0.10	<0.20	<0.20	U	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.10	<0.10	<0.10	<0.10	<0.20	<0.20	
Dissolved Oxygen (mg/l)		NE	NE	U	4.99	3.76	4.55	5.01	5.27	6.04	5.18	5.13	4.38	6.15	6.97	5.55	U	0.10	0.75	0.02	0.03	0.30	0.13	0.02	0.07	0.12	0.50	1.37	0.13
Oxidation-Reduction Potential		NE	NE	U	37.2	285	273	287.2	49.9	267.9	212.8	87.7	181.9	201.3	77.8	150.5	U	-130	97.7	-162.5	54.2	-34.1	33.6	142.3	73.4	43.7	54.7	256.4	147.8

Sample Parameter	Sample Date	WDNR NR 140 Standards		MW-4													MW-5												
		PAL	ES	06/19/08	08/21/09	12/07/09	03/10/10	06/04/10	12/16/10	06/22/11	06/21/12	01/18/13	10/23/14	06/30/15	06/01/16	09/23/16	06/19/08	08/21/09	12/07/09	03/18/10	06/04/10	12/17/10	06/22/11	06/21/12	01/18/13	10/22/14	07/01/15	06/02/16	09/23/16
cis-1,2-Dichloroethene		7.0	70	<0.83	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NS	NS	<0.12	NS	<0.41	<0.41	54.6	<4.0	3.6 J	170	17	1,500	1,300	470	370	100	39	7.2	7.2
trans-1,2-Dichloroethene		20	100	<0.89	<0.50	<0.50	<0.50	<0.50	<0.50	NS	NS	<0.25	NS	<0.35	<0.35	<17.8	<4.0	<2.0	<0.20	<1.0	15	18 J	5.0	3.2	2.1	2.8	3.9	1.6	
Tetrachloroethene		0.5	5.0	217	<0.50	3.2	3.2	0.69 J	<0.50	1.8 J	NS	NS	1.4	NS	<0.37	0.88	1,840	180	180	660	96	200	46	2.3	3.6	1.3	0.64	8.4	5.3
Trichloroethene		0.5	5.0	<0.48	<0.20	<0.20	<0.20	<0.20	<0.20	NS	NS	<0.19	NS	<0.16	<0.16	16.7	<1.6	2.9	49	6.6	38	60	1.1	1.7	0.26	4.3	1.4	6.2	
Vinyl Chloride		0.02	0.2	U	<0.20	<0.20	<0.20	<0.20	<0.20	NS	NS	<0.10	NS	<0.20	<0.20	U	<1.6	<0.80	<0.80	<0.40	12	9.0 J	7.3	2.5	0.89	8.9	1.1	1.2	
Dissolved Oxygen (mg/l)		NE	NE	U	2.75	1.31	5.20	1.10	1.67	NM	NS	NS	1.66	NS	3.64	5.21	U	3.18	0.66	NM	5.03	1.77	0.15	0.43	0.16	0.16	0.73	0.86	0.09
Oxidation-Reduction Potential		NE	NE	U	-82	209	-1.7	143.5	-4.6	NM	NS	NS	78.4	NS	240.0	49.6	U	30	-158	NM	-27.8	-13.7	-116.1	-71.4	-50.7	-56.9	-73.6	-96.7	-88.2

Sample Parameter	Sample Date	WDNR NR 140 Standards		MW-6													MW-7												
		PAL	ES	06/19/08	08/21/09	12/07/09	03/10/10	06/04/10	12/17/10	06/22/11	06/21/12	01/18/13	10/22/14	06/30/15	06/03/16	09/22/16	06/19/08	08/21/09	12/07/09	03/10/10	06/04/10	12/17/10	06/22/11	06/21/12	01/18/13	10/22/14	06/30/15	06/02/16	09/23/16
cis-1,2-Dichloroethene		7.0	70	44.5	NS	21 J	26 J	26 J	3,400	1,900	240	82	190	35	19	76	2.5	0.86 J	<0.50	<0.50	<0.50	0.62 J	<0.50	4.3	3.4	1.3	<0.12	<0.41	0.84
trans-1,2-Dichloroethene		20	100	<4.4	NS	<20	<16	<8.0	37	50	11	3.9	9.2	1.6	1.0	3.5	<0.89	<0.50	<0.50	<0.50	<0.50	<0.50	<0.25	<0.25	1.8	0.74	<0.35	<0.35	
Tetrachloroethene		0.5	5.0	653	NS	1,700	1,400	500	430	400	320	260	220	140	70	96	48.5	22	30	35	30	34	29	1.7	1.2	<0.17	<0.17	1.5	2.1
Trichloroethene		0.5	5.0	8.9	NS	8.4 J	690	640	450	230	160	57	69	22	6.5	13	4.7	3.2	1.9	1.4	2.0	11	2.8	18	10	6.0	2.3	2.2	7.8
Vinyl Chloride		0.02	0.2	U	NS	<8.0	<6.4	<3.2	<2.0	<4.0	<0.10	<0.10	<0.10	<0.10	<0.20	<0.20	U	<0.20	<0.20	<0.20	<0.20	<0.20	<0.10	<0.10	<0.10	0.28	<0.20	<0.20	
Dissolved Oxygen (mg/l)		NE	NE	U	NS	2.43	0.64	1.20	0.33	0.46	0.77	3.74	0.08	0.94	1.93	0.24	U	2.84	2.10	1.86	1.80	0.61	0.05	0.38	0.00	0.21	0.64	1.83	0.55
Oxidation-Reduction Potential		NE	NE	U	NS	-46.7	-171.2	-117.8	-30.7	13.1	-18.1	75.2	92.2	78.5	100.3	81.8	U	-53.4	-194	-199.9	-142.9	-90.6	-196.8	-106.3	-36.7	-62.8	-71.6	-70.7	-48.8

Sample Parameter	Sample Date	WDNR NR 140 Standards		MW-8													MW-9												
		PAL	ES	06/19/08	08/20/09	12/07/09	03/10/10	06/04/10	12/16/10	06/22/11	06/21/12	01/18/13	10/22/14	06/30/15	06/03/16	09/22/16	06/19/08	08/20/09	12/07/09	03/10/10	06/04/10	12/16/10	06/22/11	06/18/12	01/18/13	10/22/14	06/30/15	06/02/16	09/22/16
cis-1,2-Dichloroethene		7.0	70	<0.83	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.12	<0.12	<0.12	<0.12	<0.41	<0.41	<0.83	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.12	<0.12	<0.12	<0.12	<0.41	<0.41
trans-1,2-Dichloroethene		20	100	<0.89	<0.50	<0.50	<0.50	<0.50	<0.50	<0.25	<0.25	<0.25	<0.25	<0.35	<0.35	<0.89	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.25	<0.25	<0.25	<0.25	<0.35	<0.35	
Tetrachloroethene		0.5	5.0	<0.45	<0.50	<0.50	<0.50	<0.50	1.2 J	<0.50	1.3	1.7	1.8	2.7	1.8	2.9	<0.45	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.17	<0.17	<0.17	<0.17	<0.37	<0.37
Trichloroethene		0.5	5.0	<0.48	<0.20	<0.20	<0.20	<0.20	0.58 J	<0.20	0.62	0.41	0.36	<0.19	<0.16	<0.16	<0.48	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.19	<0.19	<0.19	<0.19	<0.16	<0.16
Vinyl Chloride		0.02	0.2	U	<0.20	<0.20	<0.20	<0.20	<0.20	<0.10	<0.10	<0.10	<0.10	<0.20	<0.20	<0.20	U	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.10	<0.10	<0.10	<0.10	<0.20	<0.20
Dissolved Oxygen (mg/l)		NE	NE	U	2.57	4.96	3.91	6.00	1.86	7.05	3.92	1.44	1.80	3.09	4.89	2.11	U	4.93	3.83	5.84	4.91	4.80	4.98	4.27	4.71	3.65	5.61	6.06	3.94
Oxidation-Reduction Potential		NE	NE	U	-60.7	143	212.9	80.5	-1.2	127.07	61.5	76.5	137.7	123.3	240.2	195.1	U	-67.9	60	-44.1	26.2	18.5	74.13	159.2	70.6	74.7	73.3	63.2	117.7

Sample Parameter	Date	WDNR NR 140 Standards		MW-10													MW-11												
		PAL	ES	06/19/08	08/20/09	12/07/09	03/18/10	06/04/10	12/16/10	06/22/11	06/21/12	01/18/13	10/22/14	06/30/15	06/03/16	09/22/16	06/19/08	08/20/09	12/07/09	03/10/10	06/04/10	12/16/10	06/22/11	06/21/12	01/18/13	10/22/14	06/30/15	06/02/16	09/22/16
cis-1,2-Dichloroethene		7.0	70	<0.83	2.5	2.2	<0.50	1.0 J	1.5 J	1.1 J	0.77 J	<0.12	12.0	4.3	2.8	7.7	<0.83	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.12	<0.12	<0.12	<0.12	<0.41	<0.41
trans-1,2-Dichloroethene		20	100	<0.89	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.25	<0.25	<0.25	<0.25	<0.35	<0.35	<0.89	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.25	<0.25	<0.25	<0.25	<0.35	<0.35
Tetrachloroethene		0.5	5.0	2.8	15	11	7.4	13	13	13	13	12	11	14	9.6	16	6.5	2.9	1.8	3.1	3.9	1.7 J	4.6	1.4	2.5	1.1	1.5	1.4	1.1
Trichloroethene		0.5	5.0	<0.48	0.94	1.2	0.41 J	0.85 J	1.7 J	0.93 J	0.89	0.85	4.0	3.5	1.9	4.4	<0.48	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.19	<0.19	<0.19	<0.19	<0.16	<0.16
Vinyl Chloride		0.02	0.2	U	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.10	<0.10	<0.10	<0.10	<0.20	<0.20	U	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.10	<0.10	<0.10	<0.10	<0.20	<0.20
Dissolved Oxygen (mg/l)		NE	NE	U	5.19	4.24	NM	5.01	3.46	6.46	5.15	7.25	4.67	7.85	7.19	7.33	U	2.66	2.31	5.82	3.55	1.81	2.23	1.77	2.43	1.78	3.15	4.13	4.27
Oxidation-Reduction Potential		NE	NE	U	-60.7	154	NM	145.9	14.1	155.3	103.3	74.9	136.9	114.0	275.2	180.9	U	-84.2	155	121.1	-23.4	-9.0	59.7	184.9	69.7	118.9	79.0	147.3	144.0

Sample Parameter	Date	WDNR NR 140 Standards		MW-12													MW-13												
		PAL	ES	06/19/08	08/20/09	12/07/09	03/10/10	06/04/10	12/17/10	06/22/11	06/21/12	01/18/13	10/22/14	06/30/15	06/03/16	09/23/16	06/19/08	08/20/09	12/07/09	03/10/10	06/04/10	12/17/10	06/22/11	06/21/12	01/18/13	10/22/14	06/30/15	06/03/16	09/22/16
cis-1,2-Dichloroethene		7.0	70	2.0	2.1	2.6	1.4 J	1.3 J	2.2	1.3 J	2.9	1.7	NS	2.5	1.4	1.9	34.8	26	25	24	17	16	40	23	9.7	16	16	16	20
trans-1,2-Dichloroethene		20	100	<0.89	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.25	<0.25	NS	<0.25	<0.35	<0.35	1.1	1.7	0.80 J	1.6 J	0.79 J	0.74 J	1.30 J	1.1	0.62	<0.25	0.95	0.86	1.1
Tetrachloroethene		0.5	5.0	48.7	54	34	31	51	19	49	23	29	NS	22	12	12	13.8	63	58	54	41	39	60	40	32	21	32	27	36
Trichloroethene		0.5	5.0	4.3	4.6	2.8	3.5	4.6	2.3	3.8	2.5	1.9	NS	1.5	0.96	0.89	1.7	2.6	2.4	3.1	2.1	6.5	18	11	6.5	3.9	4.1	3.2	3.9
Vinyl Chloride		0.02	0.2	U	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.10	<0.10	NS	<0.10	<0.20	<0.20	U	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.10	<0.10	<0.10	<0.10	<0.20	<0.20
Dissolved Oxygen (mg/l)		NE	NE	U	2.98	2.34	7.14	2.97	1.25	2.67	2.35	3.78	NS	3.61	4.52	2.53	U	0.09	1.23	0.45	0.31	0.39	0.52	1.04	0.36	0.37	1.07	0.95	0.09
Oxidation-Reduction Potential		NE	NE	U	-70.4	175	144.7	126.6	-16.0	56.36	22.9	79.6	NS	86.3	223.2	189.3	U	-117	56.9	53.6	47.2	-13.2	21.1	-18.1	57.0	36.8	22.8	51.3	-53.9

Sample Parameter	Date	WDNR NR 140 Standards		MW-14		MW-15		MW-16		PZ-1												
		PAL	ES	06/01/16	09/20/16	06/01/16	09/20/16	06/02/16	09/22/16	06/19/08	08/21/09	12/07/09	03/10/10	06/04/10	12/16/10	06/22/11	06/21/12	01/18/13	10/22/14	07/01/15	06/01/16	09/23/16
cis-1,2-Dichloroethene		7.0	70	<0.41	<0.41	4.1	13	1.2	1.0	0.97	<0.50	<0.50	<0.50	<0.50	<0.50	<0.12	<0.12	<0.12	<0.12	<0.41	<0.41	
trans-1,2-Dichloroethene		20	100	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.89	<0.50	<0.50	<0.50	<0.50	<0.50	<0.25	<0.25	<0.25	<0.25	<0.35	<0.35	
Tetrachloroethene		0.5	5.0	0.7	2.4	57	130	49	54	0.54	<0.50	<0.50	<0.50	<0.50	1.4 J	<0.50	<0.17	1.6	<0.17	<0.37	<0.37	
Trichloroethene		0.5	5.0	<0.16	<0.16	0.99	2.8	0.8	0.92	<0.48	<0.20	<0.20	<0.20	<0.20	<0.20	<0.19	<0.19	<0.19	<0.19	<0.16	<0.16	
Vinyl Chloride		0.02	0.2	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	U	<0.20	<0.20	<0.20	<0.20	<0.20	<0.10	<0.10	<0.10	<0.10	<0.20	<0.20	
Dissolved Oxygen (mg/l)		NE	NE	5.75	5.26	4.70	4.56	5.41	7.06	U	4.31	1.82	5.64	1.45	0.71	1.12	4.33	4.64	2.80	2.43	4.68	4.14
Oxidation-Reduction Potential		NE	NE	-29.1	0.3	-3.7	22.5	-39.2	102.1	U	-69.9	183	-76.8	71.8	-11.3	5.83	101	43.4	117.2	54.0	260.4	78.5

Notes: All values are in µg/l unless otherwise noted.
 PAL - Preventative Action Limit
 ES - Enforcement Standard
 NE - Standard Not Established

NS - Not Sampled
 NM - Not Measured
 U - Pre Injection Data (unknown)

BOLD - Result exceeds the PAL
BOLD - Result exceeds the ES

ET - Endpoint timeout caused by matrix interference.
 J - Estimated value. Result between method detection limit and limit of quantification.
 M - The MS and or MSD were outside control limits.
 pH - The pH was outside range and the sample was adjusted.

Table 3 - Summary of Indoor Air Data for Detected Chlorinated Compounds Only - 2156 Rambling Rose

Sample Name		WDNR Residential VAL	2156 Rambling Rose	
Parameter	Date	Indoor Air	12/02/15	03/31/16
1,2-Dichloroethane		1.1	<0.81	NA
cis-1,2-Dichloroethene		NS	<0.793	<0.793
trans-1,2-Dichloroethene		NS	<0.793	<0.793
Tetrachloroethene		42	5.30	4.84
Trichloroethene		2.1	<1.07	<1.07

Notes : All values in ug/m³.

VAL - Vapor Action Level

NA - Not Analyzed

NS - No Standard

BOLD - Result exceeds the VAL

Table 4 - Summary of Soil Vapor Data for Chlorinated Compounds Only - Former Bask Dry Cleaners

Sample Name		WDNR Residential VRSL		SV-1	SV-1A	SV-1B					SV-2	SV-2A				
Parameter	Date	Sub-Slab	Deep Soil	03/02/05	11/02/12	12/11/12	10/01/14	12/27/14	06/25/15	03/31/16	03/02/05	11/02/12	10/01/14	12/27/14	06/25/15	03/31/16
1,1-Dichloroethene		7,000	21,000	ND	16	<0.79	<7.9	<0.79	<0.79	NA	ND	<0.79	<16	<0.79	1.3	NA
cis-1,2-Dichloroethene		NC	NC	ND	<0.79	<0.79	<7.9	<0.79	<0.79	<0.79	ND	<0.79	<16	<0.79	<0.79	<0.79
trans-1,2-Dichloroethene		NC	NC	ND	<0.79	<0.79	<7.9	<0.79	<0.79	<0.79	ND	<0.79	<16	<0.79	<0.79	<0.79
Tetrachloroethene		1,400	4,200	29.64	2,000	880	2,800	600	1,200	621	5.03	3.3	4,500	390	3.5	1,790
Trichloroethene		70	210	ND	12	1.7	<11	<1.1	1.2	<0.51	ND	<1.1	460	29	<1.1	81.5

Sample Name		WDNR Residential VRSL		SV-3				SV-4				SV-5			
Parameter	Date	Sub-Slab	Deep Soil	09/30/14	12/27/14	06/25/15	03/31/16	09/30/14	12/27/14	06/25/15	03/31/16	09/30/14	12/27/14	06/25/15	03/31/16
1,1-Dichloroethene		7,000	21,000	<3.2	<0.79	<0.79	NA	<40	<0.79	<3.2	NA	3.3	<0.79	<0.79	NA
cis-1,2-Dichloroethene		NC	NC	<3.2	<0.79	<0.79	<0.79	270	11	520	46.3	<0.79	<0.79	<0.79	<0.79
trans-1,2-Dichloroethene		NC	NC	<3.2	<0.79	<0.79	<0.79	310	10	120	<0.79	<0.79	<0.79	<0.79	<0.79
Tetrachloroethene		1,400	4,200	7,500	3,500	3,100	1,470	81,000	1,100	16,000	8,870	4.5	<1.4	2,700	6.07
Trichloroethene		70	210	120	35	14	15.4	6,400	160	1,200	478	<1.1	<1.1	120	1.73

Sample Name		WDNR Residential VRSL		SV-6				SV-7				SV-8			
Parameter	Date	Sub-Slab	Deep Soil	09/30/14	12/27/14	06/25/15	03/31/16	09/30/14	12/27/14	06/25/15	03/31/16	09/30/14	12/27/14	06/25/15	03/31/16
1,1-Dichloroethene		7,000	21,000	1.3	<0.79	<0.79	NA	<20	<0.79	<0.79	NA	<7.9	<0.79	<0.79	NA
cis-1,2-Dichloroethene		NC	NC	<0.79	<0.79	<0.79	<0.79	<20	<0.79	<0.79	<0.79	<7.9	<0.79	<0.79	<0.79
trans-1,2-Dichloroethene		NC	NC	<0.79	<0.79	<0.79	<0.79	<20	<0.79	<0.79	<0.79	<7.9	<0.79	<0.79	<0.79
Tetrachloroethene		1,400	4,200	8.8	1.5	<1.4	3.69	750	110	68	10.9	<14	<1.4	5.0	1.73
Trichloroethene		70	210	<1.1	<1.1	<1.1	<1.1	140	27	17	1.17	<1.1	<1.1	<1.1	1.36

Sample Name		WDNR Residential VRSL		SV-9			SV-10			SV-11			SV-12			SV-13	SV-14	SV-15
Parameter	Date	Sub-Slab	Deep Soil	12/27/14	06/25/15	03/31/16	12/27/14	06/25/15	03/31/16	12/27/14	06/25/15	03/31/16	06/25/15	07/28/15	03/31/16	03/31/16	03/31/16	03/31/16
1,1-Dichloroethene		7,000	21,000	<6.3	<0.79	NA	<0.79	<0.79	NA	<0.79	<0.79	NA	<3.2	<0.79	NA	NA	NA	NA
cis-1,2-Dichloroethene		NC	NC	180	<0.79	<0.79	6.3	22	<0.79	<0.79	<0.79	<0.79	14	15	37.2	<0.79	<0.79	<0.79
trans-1,2-Dichloroethene		NC	NC	<6.3	<0.79	<0.79	1.3	1.3	<0.79	<0.79	<0.79	<0.79	4.4	5.2	<0.79	<0.79	<0.79	<0.79
Tetrachloroethene		1,400	4,200	5,000	81	5.79	750	3,900	2,200	3.2	5.3	2.46	11,000	27,000	5,370	407	5.98	47.9
Trichloroethene		70	210	91	<1.1	<1.1	33	190	27.0	<1.1	<1.1	<1.1	75	140	77.1	<1.1	<1.1	<1.1

Notes: All values in ug/m³.

It is noted that 111-TCA was detected below standard at SV-7 on 12/27/14.

It is noted that Methylene Chloride was detected below standard at SV-4, SV-5 and SV-6 on 9/30/14.

VRSL - Vapor Risk Screening Level

BOLD - Result exceeds the Deep Soil VRSL

NA - Not Analyzed

NC - Not Calculated

ND - Not Detected

Table 5. Additional Probe Install and Sampling Budget Summary - Former Bask Dry Celaners, Waukesha WI
1-Nov-16

Task	KPRG Labor	Expenses	Contractors				Totals
			Analytical	Driller	IDW Disposal	Surveyor	
1) Additional Requested Work Planning and Coordination	\$1,941	\$300	\$0	\$0	\$0	\$0	\$2,241
2) New Well Installation Costs	\$6,070	\$1,080	\$0	\$22,500	\$1,750	\$1,200	\$32,600
3) Additional Groundwater Sampling (2 Rounds)	\$7,430	\$2,210	\$2,860	\$0	\$0	\$0	\$12,500
4) Additional Reporting	\$2,772	\$50	\$0	\$0	\$0	\$0	\$2,822
5) Opreation and Maintenance	\$1,403	\$60	\$0	\$5,450	\$0	\$0	\$6,913
Totals	\$19,616	\$3,700	\$2,860	\$27,950	\$1,750	\$1,200	\$57,076

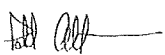
ATTACHMENT 1
WELL LOGS AND CONSTRUCTION SUMMARIES

Route To: Watershed / Wastewater Waste Management
Remediation / Redevelopment Other

Facility/Project Name former Bask Dry Cleaners		License/Permit/Monitoring Number		Boring Number MW-14S	
Boring Drilled By: Name of crew chief (first,last) and Firm First Name: Adam Last Name: Sweet Firm: Horizon		Date Drilling Started 1 2 / 0 1 / 2 0 1 5 <small>m m / d d / y y y y y</small>		Date Drilling Completed 1 2 / 0 2 / 2 0 1 5 <small>m m / d d / y y y y y</small>	
WI Unique Well No.	DNR Well ID No.	Well Name MW-14S	Final Static Water Level ____ Feet MSL	Surface Elevation ____ Feet MSL	Borehole Diameter 6 inches
Local Grid Origin (estimated:) or Boring Location State Plane _____ N, _____ E NE 1/4 of _____ NE 1/4 of Section 36 , T 7 N, R 19 E			Local Grid Location ____ Feet _____ N ____ Feet _____ S _____ Feet _____ E ____ Feet _____ W		
Facility ID 268188800	County Waukesha	County Code 68	Civil Town / City / or Village Waukesha		

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD / Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
			2	Grass over Dark Brown Top Soil, clayey, some sand and gravel.				0							
			4	Brown Silty Sand, fine to medium, trace gravel, moist.				0							
			6					0							
			8					0							
			10	Brown Silty Sand, medium, some clay, moist.				0							
			12	- increase gravel				0							
			14					0							
			16					0							
			18					0							
			20					0							
			22	- gravel and boulders, refusal				0							
				End of Boring at 22 feet. Refusal.											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 	Firm KPRG and Associates, Inc.
--	--

This form is authorized by Chapters 281, 283, 289, 291, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

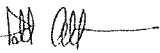
Route To: Watershed / Wastewater Waste Management
Remediation / Redevelopment Other

Page 1 of 1

Facility/Project Name former Bask Dry Cleaners		License/Permit/Monitoring Number		Boring Number MW-15S	
Boring Drilled By: Name of crew chief (first,last) and Firm First Name: Adam Last Name: Sweet Firm: Horizon		Date Drilling Started 1 2 / 0 2 / 2 0 1 5 <small>m m / d d / y y y y y</small>	Date Drilling Completed 1 2 / 0 3 / 2 0 1 5 <small>m m / d d / y y y y y</small>	Drilling Method Sonic	
WI Unique Well No.	DNR Well ID No.	Well Name MW-15S	Final Static Water Level _____ Feet MSL	Surface Elevation _____ Feet MSL	Borehole Diameter 6 inches
Local Grid Origin (estimated:) or Boring Location State Plane _____ N, _____ E NE <u>1/4</u> of NE <u>1/4</u> of Section <u>36</u> , T <u>7</u> N, R <u>19</u> E			Local Grid Location _____ N _____ Feet _____ S _____ Feet _____ E _____ W		
Facility ID 268188800	County Waukesha	County Code 68	Civil Town / City / or Village Waukesha		

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties						RQD / Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
			2	Grass over Dark Brown Top Soil, clayey, some sand and gravel.				0							
			4	Brown Silty Sand, fine to medium, trace gravel, moist.				0							
			6	- increase gravel				0							
			8					0							
			10					0							
			12	Light Brown Fine Sand and Silt, v moist.				0							
			14					0							
			16					0							
			18					0							
			20					0							
			22	- gravel and boulders, refusal				0							
				End of Boring at 22 feet. Refusal.											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 	Firm KPRG and Associates, Inc.
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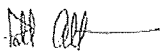
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Route To: Watershed / Wastewater Waste Management
Remediation / Redevelopment Other

Facility/Project Name former Bask Dry Cleaners		License/Permit/Monitoring Number		Boring Number MW-14	
Boring Drilled By: Name of crew chief (first,last) and Firm First Name: Randy Last Name: Radke Firm: Cascade Drilling, L.P.		Date Drilling Started 0 5 1 6 2 0 1 6 m m/ d d/ y y y y	Date Drilling Completed 0 5 1 7 2 0 1 6 m m/ d d/ y y y y	Drilling Method Sonic	
WI Unique Well No.	DNR Well ID No.	Well Name MW-14	Final Static Water Level ____ Feet MSL	Surface Elevation ____ Feet MSL	Borehole Diameter 6 inches
Local Grid Origin (estimated:) or Boring Location State Plane _____ N, _____ E NE 1/4 of NE 1/4 of Section 36, T 7 N, R 19 E			Local Grid Location ____ N _____ E ____ Feet _____ Feet _____ W		
Facility ID 268188800	County Waukesha	County Code 68	Civil Town / City / or Village Waukesha		

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD / Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
			2	Boring blind drilled. See log for MW-14.										
			4											
			6											
			8											
			10											
			12											
			14											
			16											
			18											
			20											
			22											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 	Firm KPRG and Associates, Inc.
--	-----------------------------------

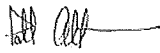
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Route To: Watershed / Wastewater Waste Management
Remediation / Redevelopment Other

Facility/Project Name former Bask Dry Cleaners		License/Permit/Monitoring Number		Boring Number MW-15	
Boring Drilled By: Name of crew chief (first,last) and Firm First Name: Randy Last Name: Radke Firm: Cascade Drilling, L.P.		Date Drilling Started 0 5 1 8 2 0 1 6 m m/ d d/ y y y y		Date Drilling Completed 0 5 1 8 2 0 1 6 m m/ d d/ y y y y	
WI Unique Well No.	DNR Well ID No.	Well Name MW-15	Final Static Water Level ____ Feet MSL	Surface Elevation ____ Feet MSL	Borehole Diameter 6 inches
Local Grid Origin (estimated:) or Boring Location State Plane _____ N, _____ E NE 1/4 of _____ NE 1/4 of Section 36 , T 7 N, R 19 E			Local Grid Location ____ Feet _____ N ____ Feet _____ S _____ Feet _____ E _____ Feet _____ W		
Facility ID 268188800	County Waukesha	County Code 68	Civil Town / City / or Village Waukesha		

Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties						RQD / Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
			2	Boring blind drilled to 25 feet. See log for MW-15.											
			4												
			6												
			8												
			10												
			12												
			14												
			16												
			18												
			20												
			22												

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature  Firm **KPRG and Associates, Inc.**


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Route To: Watershed / Wastewater Waste Management
Remediation / Redevelopment Other

Facility/Project Name former Bask Dry Cleaners		License/Permit/Monitoring Number		Boring Number MW-16	
Boring Drilled By: Name of crew chief (first,last) and Firm First Name: Randy Last Name: Radke Firm: Cascade Drilling, L.P.		Date Drilling Started 0 5 1 7 2 0 1 6 m m/ d d/ y y y y		Date Drilling Completed 0 5 1 7 2 0 1 6 m m/ d d/ y y y y	
WI Unique Well No.	DNR Well ID No. MW-16	Well Name	Final Static Water Level _____ Feet MSL	Surface Elevation _____ Feet MSL	Borehole Diameter 6 inches
Local Grid Origin (estimated:) or Boring Location State Plane _____ N, _____ E NE 1/4 of _____ NE 1/4 of Section 36 , T 7 N, R 19 E			Local Grid Location _____ N _____ E _____ Feet _____ S _____ Feet _____ W		
Facility ID 268188800	County Waukesha	County Code 68	Civil Town / City / or Village Waukesha		

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties						RQD / Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
			0	Grass and dark brown clayey top soil, sl moist.											
			2	Dark Brown, SILTY CLAY, some sand / gravel.											
			4	Brown SILTY CLAY, trace sand and gravel, moist.											
			6												
			8												
			10												
			12	Brown SILTY CLAY, some sang/gravel, sl moist.											
			14	Light Brown SILTY SAND, fine to medium, trace gravel, sl moist.											
			16	Light Brown SILT, sl moist.											
			18												
			20	Light Brown SAND and GRAVEL, fine to coarse, trace cobbles, sl moist.											
			22	- occasional layers of coarser and finer matrix											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 

Firm
KPRG and Associates, Inc.

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Route to: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

Facility/Project Name former Bask Dry Cleaners	Local Grid Location of Well ft. <input type="checkbox"/> N. <input type="checkbox"/> E. <input type="checkbox"/> W. <input type="checkbox"/> S.	Well Name MW-14S
Facility License, Permit or Monitoring No.	Local Grid Origin (estimated: <input type="checkbox"/>) or Well Location <input type="checkbox"/> Lat. " Long. " or	Wis. Unique Well No. DNR Well ID No.
Facility ID 268188800	St. Plane ft. N. ft. E. S/C/N	Date Well Installed 12/02/2015 m m d d y y v v
Type of Well Well Code 11 / mw	Section Location of Waste/Source NE 1/4 of NE 1/4 of Sec. 36 T. 7 N. R. 19 <input checked="" type="checkbox"/> E <input type="checkbox"/> W	Well Installed By: Name (first, last) and Firm Adam Sweet
Distance from Waste/Source ft. Enfl. Stds. Apply <input type="checkbox"/>	Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known	Horizon

A. Protective pipe, top elevation ----- ft. MSL	1. Cap and lock? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
B. Well casing, top elevation ----- ft. MSL	2. Protective cover pipe: a. Inside diameter: ----- in. <u>8</u>
C. Land surface elevation ----- ft. MSL	b. Length: ----- ft. <u>1</u>
D. Surface seal, bottom ----- ft. MSL or ----- ft.	c. Material: Steel <input checked="" type="checkbox"/> 04 Other <input type="checkbox"/>
12. USCS classification of soil near screen: GP <input type="checkbox"/> GM <input type="checkbox"/> GC <input type="checkbox"/> GW <input type="checkbox"/> SW <input type="checkbox"/> SP <input checked="" type="checkbox"/> SM <input type="checkbox"/> SC <input type="checkbox"/> ML <input type="checkbox"/> MH <input type="checkbox"/> CL <input type="checkbox"/> CH <input type="checkbox"/> Bedrock <input type="checkbox"/>	d. Additional protection? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, describe: -----
13. Sieve analysis performed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	3. Surface seal: Bentonite <input type="checkbox"/> 30 Concrete <input checked="" type="checkbox"/> 01 Other <input type="checkbox"/>
14. Drilling method used: Rotary <input type="checkbox"/> 50 Hollow Stem Auger <input type="checkbox"/> 41 <u>Sonic</u> Other <input checked="" type="checkbox"/>	4. Material between well casing and protective pipe: Bentonite <input type="checkbox"/> 30 Other <input type="checkbox"/>
15. Drilling fluid used: Water <input type="checkbox"/> 02 Air <input type="checkbox"/> 01 Drilling Mud <input type="checkbox"/> 03 None <input checked="" type="checkbox"/> 99	5. Annular space seal: a. Granular/Chipped Bentonite <input checked="" type="checkbox"/> 33 b. _____ Lbs/gal mud weight Bentonite-sand slurry <input type="checkbox"/> 35 c. _____ Lbs/gal mud weight Bentonite slurry <input type="checkbox"/> 31 d. _____ % Bentonite Bentonite-cement grout <input type="checkbox"/> 50 e. _____ Ft. volume added for any of the above f. How installed: Tremie <input type="checkbox"/> 01 Tremie pumped <input type="checkbox"/> 02 Gravity <input checked="" type="checkbox"/> 08
16. Drilling additives used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Describe -----	6. Bentonite seal: a. Bentonite granules <input type="checkbox"/> 33 b. <input type="checkbox"/> 1/4 in. <input checked="" type="checkbox"/> 3/8 in. <input type="checkbox"/> 1/2 in. Bentonite chips <input checked="" type="checkbox"/> 32 c. _____ Other <input type="checkbox"/>
17. Source of water (attach analysis, if required): -----	7. Fine sand material: Manufacturer, product name & mesh size a. _____ b. Volume added _____ ft ³
E. Bentonite seal, top ----- ft. MSL or ----- ft.	8. Filter pack material: Manufacturer, product name & mesh size a. _____ b. Volume added _____ ft ³
F. Fine sand, top ----- ft. MSL or ----- ft. <u>13</u>	9. Well casing: Flush threaded PVC schedule 40 <input checked="" type="checkbox"/> 23 Flush threaded PVC schedule 80 <input type="checkbox"/> 24 Other <input type="checkbox"/>
G. Filter pack, top ----- ft. MSL or ----- ft. <u>13</u>	10. Screen material: <u>PVC - SCH 40</u> a. Screen type: Factory cut <input checked="" type="checkbox"/> 11 Continuous slot <input type="checkbox"/> 01 Other <input type="checkbox"/>
H. Screen joint, top ----- ft. MSL or ----- ft. <u>15</u>	b. Manufacturer c. Slot size: 0.010 in. d. Slotted length: <u>15</u> ft.
I. Well bottom ----- ft. MSL or ----- ft. <u>30</u>	11. Backfill material (below filter pack): None <input checked="" type="checkbox"/> 14 Other <input type="checkbox"/>
J. Filter pack, bottom ----- ft. MSL or ----- ft. <u>30</u>	
K. Borehole, bottom ----- ft. MSL or ----- ft. <u>30</u>	
L. Borehole, diameter ----- in. <u>6</u>	
M. O.D. well casing ----- in.	
N. I.D. well casing ----- in. <u>2</u>	

I hereby certify that the information on this form is true and correct to the best of my knowledge.
Signature [Signature] Firm KPRG and Associates, Inc.

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

Route to: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

Facility/Project Name former Bask Dry Cleaners	Local Grid Location of Well ft. <input type="checkbox"/> N. <input type="checkbox"/> S. <input type="checkbox"/> E. <input type="checkbox"/> W.	Well Name MW-15s
Facility License, Permit or Monitoring No.	Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Well Location <input type="checkbox"/> Lat. _____ " Long. _____ " or	Wis. Unique Well No. DNR Well ID No.
Facility ID 268188800	St. Plane _____ ft. N. _____ ft. E. S/C/N	Date Well Installed 12/03/2015 m m d d y y y y
Type of Well Well Code 11 / mw	Section Location of Waste/Source NE 1/4 of NE 1/4 of Sec. 36, T. 7 N, R. 19 <input checked="" type="checkbox"/> E <input checked="" type="checkbox"/> W	Well Installed By: Name (first, last) and Firm Adam Sweet
Distance from Waste/Source _____ ft.	Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known	Horizon
Enf. Stds. Apply <input type="checkbox"/>	Gov. Lot Number	

A. Protective pipe, top elevation _____ ft. MSL	1. Cap and lock? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
B. Well casing, top elevation _____ ft. MSL	2. Protective cover pipe: a. Inside diameter: _____ in.
C. Land surface elevation _____ ft. MSL	b. Length: _____ ft.
D. Surface seal, bottom _____ ft. MSL or _____ ft.	c. Material: Steel <input checked="" type="checkbox"/> 04 Other <input type="checkbox"/>
12. USCS classification of soil near screen: GP <input type="checkbox"/> GM <input type="checkbox"/> GC <input type="checkbox"/> GW <input type="checkbox"/> SW <input type="checkbox"/> SP <input type="checkbox"/> SM <input type="checkbox"/> SC <input type="checkbox"/> ML <input type="checkbox"/> MH <input type="checkbox"/> CL <input type="checkbox"/> CH <input type="checkbox"/> Bedrock <input type="checkbox"/>	d. Additional protection? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, describe: _____
13. Sieve analysis performed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	3. Surface seal: Bentonite <input type="checkbox"/> 30 Concrete <input checked="" type="checkbox"/> 01 Other <input type="checkbox"/>
14. Drilling method used: Rotary <input type="checkbox"/> 50 Hollow Stem Auger <input type="checkbox"/> 41 SONIC <input checked="" type="checkbox"/> Other <input type="checkbox"/>	4. Material between well casing and protective pipe: Bentonite <input type="checkbox"/> 30 Other <input type="checkbox"/>
15. Drilling fluid used: Water <input type="checkbox"/> 02 Air <input type="checkbox"/> 01 Drilling Mud <input type="checkbox"/> 03 None <input checked="" type="checkbox"/> 99	5. Annular space seal: a. Granular/Chipped Bentonite <input checked="" type="checkbox"/> 33 b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry <input type="checkbox"/> 35 c. _____ Lbs/gal mud weight Bentonite slurry <input type="checkbox"/> 31 d. _____ % Bentonite Bentonite-cement grout <input type="checkbox"/> 50 e. _____ Ft ³ volume added for any of the above f. How installed: Tremie <input type="checkbox"/> 01 Tremie pumped <input type="checkbox"/> 02 Gravity <input checked="" type="checkbox"/> 08
16. Drilling additives used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Describe _____	6. Bentonite seal: a. Bentonite granules <input type="checkbox"/> 33 b. <input type="checkbox"/> 1/4 in. <input checked="" type="checkbox"/> 3/8 in. <input type="checkbox"/> 1/2 in. Bentonite chips <input checked="" type="checkbox"/> 32 c. _____ Other <input type="checkbox"/>
17. Source of water (attach analysis, if required): _____	7. Fine sand material: Manufacturer, product name & mesh size a. _____ b. Volume added _____ ft ³
E. Bentonite seal, top _____ ft. MSL or _____ ft.	8. Filter pack material: Manufacturer, product name & mesh size a. _____ b. Volume added _____ ft ³
F. Fine sand, top _____ ft. MSL or _____ ft.	9. Well casing: Flush threaded PVC schedule 40 <input checked="" type="checkbox"/> 23 Flush threaded PVC schedule 80 <input type="checkbox"/> 24 Other <input type="checkbox"/>
G. Filter pack, top _____ ft. MSL or _____ ft.	10. Screen material: PVC-SEM 4b a. Screen type: Factory cut <input checked="" type="checkbox"/> 11 Continuous slot <input type="checkbox"/> 01 Other <input type="checkbox"/>
H. Screen joint, top _____ ft. MSL or _____ ft.	b. Manufacturer _____
I. Well bottom _____ ft. MSL or _____ ft.	c. Slot size: 0.010 in.
J. Filter pack, bottom _____ ft. MSL or _____ ft.	d. Slotted length: 15 ft.
K. Borehole, bottom _____ ft. MSL or _____ ft.	11. Backfill material (below filter pack): None <input type="checkbox"/> 14 NATIVE HEAVE <input checked="" type="checkbox"/>
L. Borehole, diameter _____ in.	
M. O.D. well casing _____ in.	
N. I.D. well casing _____ in.	

I hereby certify that the information on this form is true and correct to the best of my knowledge.
Signature _____ Firm KPRG and Associates, Inc.

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Route to: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

Facility/Project Name former Bask Dry Cleaners	Local Grid Location of Well ft. <input type="checkbox"/> N. <input type="checkbox"/> S. <input type="checkbox"/> E. <input type="checkbox"/> W.	Well Name MW-14
Facility License, Permit or Monitoring No.	Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Well Location <input type="checkbox"/> Lat. " Long. " or	Wis. Unique Well No. DNR Well ID No.
Facility ID 268188800	St. Plane ft. N. ft. E. S/C/N	Date Well Installed 05/17/2016 m m d d y y y y
Type of Well Well Code 11 / mw	Section Location of Waste/Source NE 1/4 of NE 1/4 of Sec. 36, T. 7 N, R. 19 <input checked="" type="checkbox"/> E <input type="checkbox"/> W	Well Installed By: Name (first, last) and Firm Randy Radke Cascade Drilling
Distance from Waste/Source ft.	Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidogradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known	
Enf. Stds. Apply <input type="checkbox"/>	Gov. Lot Number	

A. Protective pipe, top elevation ----- ft. MSL
 B. Well casing, top elevation ----- ft. MSL
 C. Land surface elevation ----- ft. MSL
 D. Surface seal, bottom ----- ft. MSL or ----- ft.

12. USCS classification of soil near screen:
 GP GM GC GW SW SP
 SM SC ML MH CL CH
 Bedrock

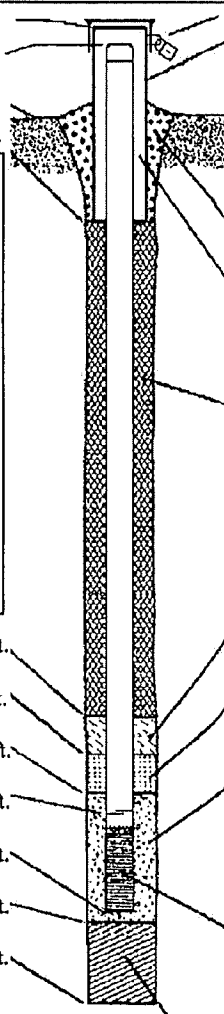
13. Sieve analysis performed? Yes No

14. Drilling method used: Rotary 50
 Hollow Stem Auger 41
 SONIC Other

15. Drilling fluid used: Water 02 Air 01
 Drilling Mud 03 None 99

16. Drilling additives used? Yes No
 Describe _____

17. Source of water (attach analysis, if required):



1. Cap and lock? Yes No

2. Protective cover pipe:
 a. Inside diameter: ----- in.
 b. Length: ----- ft.
 c. Material: Steel 04
 Other

d. Additional protection? Yes No
 If yes, describe: _____

3. Surface seal:
 Bentonite 30
 Concrete 01
 Other

4. Material between well casing and protective pipe:
 Bentonite 30
 Other

5. Annular space seal:
 a. Granular/Chipped Bentonite 33
 b. _____ Lbs/gal mud weight ... Bentonite-sand slurry 35
 c. _____ Lbs/gal mud weight ... Bentonite slurry 31
 d. _____ % Bentonite ... Bentonite-cement grout 50
 e. _____ Ft volume added for any of the above
 f. How installed: Tremie 01
 Tremie pumped 02
 Gravity 08

6. Bentonite seal:
 a. Bentonite granules 33
 b. 1/4 in. 3/8 in. 1/2 in. Bentonite chips 32
 c. _____ Other

7. Fine sand material: Manufacturer, product name & mesh size
 a. _____
 b. Volume added _____ ft³

8. Filter pack material: Manufacturer, product name & mesh size
 a. _____
 b. Volume added _____ ft³

9. Well casing: Flush threaded PVC schedule 40 23
 Flush threaded PVC schedule 80 24
 Other

10. Screen material: PVC 52440
 a. Screen type: Factory cut 11
 Continuous slot 01
 Other

b. Manufacturer _____
 c. Slot size: 0.010 in.
 d. Slotted length: 10 ft.

11. Backfill material (below filter pack): None 14
 Other

E. Bentonite seal, top ----- ft. MSL or ----- ft.
 F. Fine sand, top ----- ft. MSL or 47 ft.
 G. Filter pack, top ----- ft. MSL or 47 ft.
 H. Screen joint, top ----- ft. MSL or 49 ft.
 I. Well bottom ----- ft. MSL or 59 ft.
 J. Filter pack, bottom ----- ft. MSL or 59 ft.
 K. Borehole, bottom ----- ft. MSL or 59 ft.
 L. Borehole, diameter 6 in.
 M. O.D. well casing ----- in.
 N. I.D. well casing 2 in.


I hereby certify that the information on this form is true and correct to the best of my knowledge.
 Signature Firm KPRG and Associates, Inc.

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

Route to: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

Facility/Project Name former Bask Dry Cleaners	Local Grid Location of Well _____ ft. <input type="checkbox"/> N. _____ ft. <input type="checkbox"/> E. _____ ft. <input type="checkbox"/> S. _____ ft. <input type="checkbox"/> W.	Well Name MW-15
Facility License, Permit or Monitoring No.	Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Well Location <input type="checkbox"/> Lat. _____ " Long. _____ " or _____ or	Wis. Unique Well No. _____ DNR Well ID No. _____
Facility ID 268188800	St. Plane _____ ft. N. _____ ft. E. S/C/N	Date Well Installed 05 / 18 / 2016 m m d d y y v v y
Type of Well Well Code 11 / mw	Section Location of Waste/Source NE 1/4 of NE 1/4 of Sec. 36 T. 7 N. R. 19 <input type="checkbox"/> E. <input checked="" type="checkbox"/> W.	Well Installed By: Name (first, last) and Firm Randy Radke
Distance from Waste/Source _____ ft. Enf. Stds. Apply <input type="checkbox"/>	Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known	Cascade Drilling

A. Protective pipe, top elevation _____ ft. MSL	1. Cap and lock? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
B. Well casing, top elevation _____ ft. MSL	2. Protective cover pipe: a. Inside diameter: _____ in.
C. Land surface elevation _____ ft. MSL	b. Length: _____ ft.
D. Surface seal, bottom _____ ft. MSL or _____ ft.	c. Material: Steel <input checked="" type="checkbox"/> 04 Other <input type="checkbox"/>
12. USCS classification of soil near screen: GP <input type="checkbox"/> GM <input type="checkbox"/> GC <input type="checkbox"/> GW <input type="checkbox"/> SW <input type="checkbox"/> SP <input checked="" type="checkbox"/> SM <input type="checkbox"/> SC <input type="checkbox"/> ML <input type="checkbox"/> MH <input type="checkbox"/> CL <input type="checkbox"/> CH <input type="checkbox"/> Bedrock <input type="checkbox"/>	d. Additional protection? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, describe: _____
13. Sieve analysis performed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	3. Surface seal: Bentonite <input type="checkbox"/> 30 Concrete <input checked="" type="checkbox"/> 01 Other <input type="checkbox"/>
14. Drilling method used: Rotary <input type="checkbox"/> 50 Hollow Stem Auger <input type="checkbox"/> 41 SONIC <input checked="" type="checkbox"/> Other <input type="checkbox"/>	4. Material between well casing and protective pipe: Bentonite <input type="checkbox"/> 30 Other <input type="checkbox"/>
15. Drilling fluid used: Water <input type="checkbox"/> 02 Air <input type="checkbox"/> 01 Drilling Mud <input type="checkbox"/> 03 None <input checked="" type="checkbox"/> 99	5. Annular space seal: a. Granular/Chipped Bentonite <input checked="" type="checkbox"/> 33 b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry <input type="checkbox"/> 35 c. _____ Lbs/gal mud weight Bentonite slurry <input type="checkbox"/> 31 d. _____ % Bentonite Bentonite-cement grout <input type="checkbox"/> 50 e. _____ Ft ³ volume added for any of the above f. How installed: Tremie <input type="checkbox"/> 01 Tremie pumped <input type="checkbox"/> 02 Gravity <input checked="" type="checkbox"/> 08
16. Drilling additives used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Describe _____	6. Bentonite seal: a. Bentonite granules <input type="checkbox"/> 33 b. <input type="checkbox"/> 1/4 in. <input type="checkbox"/> 3/8 in. <input type="checkbox"/> 1/2 in. Bentonite chips <input checked="" type="checkbox"/> 32 c. _____ Other <input type="checkbox"/>
17. Source of water (attach analysis, if required): _____	7. Fine sand material: Manufacturer, product name & mesh size a. _____ b. Volume added _____ ft ³
E. Bentonite seal, top _____ ft. MSL or _____ ft.	8. Filter pack material: Manufacturer, product name & mesh size a. _____ b. Volume added _____ ft ³
F. Fine sand, top _____ ft. MSL or _____ ft.	9. Well casing: Flush threaded PVC schedule 40 <input checked="" type="checkbox"/> 23 Flush threaded PVC schedule 80 <input type="checkbox"/> 24 Other <input type="checkbox"/>
G. Filter pack, top _____ ft. MSL or _____ ft.	10. Screen material: PVC sch 40 a. Screen type: Factory cut <input checked="" type="checkbox"/> 11 Continuous slot <input type="checkbox"/> 01 Other <input type="checkbox"/>
H. Screen joint, top _____ ft. MSL or _____ ft.	b. Manufacturer _____ c. Slot size: _____ in. 0.010 in. d. Slotted length: _____ ft. 10 ft.
I. Well bottom _____ ft. MSL or _____ ft.	11. Backfill material (below filter pack): None <input checked="" type="checkbox"/> 14 Other <input type="checkbox"/>
J. Filter pack, bottom _____ ft. MSL or _____ ft.	
K. Borehole, bottom _____ ft. MSL or _____ ft.	
L. Borehole, diameter _____ in.	
M. O.D. well casing _____ in.	
N. I.D. well casing _____ in.	

I hereby certify that the information on this form is true and correct to the best of my knowledge.
Signature  Firm KPRG and Associates, Inc.

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

Facility/Project Name former Bask Dry Cleaners	Local Grid Location of Well ft. <input type="checkbox"/> N. <input type="checkbox"/> E. ft. <input type="checkbox"/> S. <input type="checkbox"/> W.	Well Name MW-16
Facility License, Permit or Monitoring No.	Local Grid Origin (estimated: <input type="checkbox"/>) or Well Location <input type="checkbox"/> Lat. " Long. " or St. Plane ft. N. ft. E. S/C/N	Wis. Unique Well No. DNR Well ID No.
Facility ID 268188800	Section Location of Waste/Source NE 1/4 of NE 1/4 of Sec. 36, T. 7 N, R. 19 <input type="checkbox"/> E <input type="checkbox"/> W	Date Well Installed 05 / 18 / 2016 m m d d y y y y
Type of Well Well Code 11 / mw	Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known	Well Installed By: Name (first, last) and Firm Randy Radke Cascade Drilling
Distance from Waste/Source ft.	Gov. Lot Number	

A. Protective pipe, top elevation ----- ft. MSL	1. Cap and lock? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
B. Well casing, top elevation ----- ft. MSL	2. Protective cover pipe: a. Inside diameter: ----- in.
C. Land surface elevation ----- ft. MSL	b. Length: ----- ft.
D. Surface seal, bottom ----- ft. MSL or ----- ft.	c. Material: Steel <input checked="" type="checkbox"/> 04 Other <input type="checkbox"/>
12. USCS classification of soil near screen: GP <input type="checkbox"/> GM <input type="checkbox"/> GC <input type="checkbox"/> GW <input type="checkbox"/> SW <input type="checkbox"/> SP <input checked="" type="checkbox"/> SM <input type="checkbox"/> SC <input type="checkbox"/> ML <input type="checkbox"/> MH <input type="checkbox"/> CL <input type="checkbox"/> CH <input type="checkbox"/> Bedrock <input type="checkbox"/>	d. Additional protection? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, describe: -----
13. Sieve analysis performed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	3. Surface seal: Bentonite <input type="checkbox"/> 30 Concrete <input checked="" type="checkbox"/> 01 Other <input type="checkbox"/>
14. Drilling method used: Rotary <input type="checkbox"/> 50 Hollow Stem Auger <input type="checkbox"/> 41 <u>Sonic</u> Other <input checked="" type="checkbox"/>	4. Material between well casing and protective pipe: Bentonite <input type="checkbox"/> 30 Other <input type="checkbox"/>
15. Drilling fluid used: Water <input type="checkbox"/> 02 Air <input type="checkbox"/> 01 Drilling Mud <input type="checkbox"/> 03 None <input checked="" type="checkbox"/> 99	5. Annular space seal: a. Granular/Chipped Bentonite <input checked="" type="checkbox"/> 33 b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry <input type="checkbox"/> 35 c. _____ Lbs/gal mud weight Bentonite slurry <input type="checkbox"/> 31 d. _____ % Bentonite Bentonite-cement grout <input type="checkbox"/> 50 e. _____ Ft volume added for any of the above f. How installed: Tremie <input type="checkbox"/> 01 Tremie pumped <input type="checkbox"/> 02 Gravity <input checked="" type="checkbox"/> 08
16. Drilling additives used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Describe -----	6. Bentonite seal: a. Bentonite granules <input type="checkbox"/> 33 b. <input type="checkbox"/> 1/4 in. <input checked="" type="checkbox"/> 3/8 in. <input type="checkbox"/> 1/2 in. Bentonite chips <input checked="" type="checkbox"/> 32 c. _____ Other <input type="checkbox"/>
17. Source of water (attach analysis, if required): -----	7. Fine sand material: Manufacturer, product name & mesh size a. _____ b. Volume added _____ ft ³
E. Bentonite seal, top ----- ft. MSL or ----- ft.	8. Filter pack material: Manufacturer, product name & mesh size a. _____ b. Volume added _____ ft ³
F. Fine sand, top ----- ft. MSL or ----- ft.	9. Well casing: Flush threaded PVC schedule 40 <input checked="" type="checkbox"/> 23 Flush threaded PVC schedule 80 <input type="checkbox"/> 24 Other <input type="checkbox"/>
G. Filter pack, top ----- ft. MSL or <u>47.5</u> ft.	10. Screen material: <u>PVC Sch 40</u> a. Screen type: Factory cut <input checked="" type="checkbox"/> 11 Continuous slot <input type="checkbox"/> 01 Other <input type="checkbox"/>
H. Screen joint, top ----- ft. MSL or <u>50</u> ft.	b. Manufacturer c. Slot size: 0.010 in. d. Slotted length: 10 ft.
I. Well bottom ----- ft. MSL or <u>60</u> ft.	11. Backfill material (below filter pack): None <input checked="" type="checkbox"/> 14 Other <input type="checkbox"/>
J. Filter pack, bottom ----- ft. MSL or <u>60</u> ft.	
K. Borehole, bottom ----- ft. MSL or <u>60</u> ft.	
L. Borehole, diameter ----- <u>6</u> in.	
M. O.D. well casing ----- in.	
N. I.D. well casing ----- <u>2</u> in.	

I hereby certify that the information on this form is true and correct to the best of my knowledge.
Signature [Signature] Firm KPRG and Associates, Inc.

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

Route to: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

Facility/Project Name <u>Former Bask Dry Cleaners</u>	County Name <u>Waukesha</u>	Well Name <u>MW 140</u>
Facility License, Permit or Monitoring Number	County Code <u>68</u>	Wis. Unique Well Number _____
		DNR Well ID Number _____

1. Can this well be purged dry? Yes No
2. Well development method
- surged with bailer and bailed 41
 - surged with bailer and pumped 61
 - surged with block and bailed 42
 - surged with block and pumped 62
 - surged with block, bailed and pumped 70
 - compressed air 20
 - bailed only 10
 - pumped only 51
 - pumped slowly 50
 - Other _____ _____
3. Time spent developing well 55 min.
4. Depth of well (from top of well casing) 59.3 ft.
5. Inside diameter of well 2.06 in.
6. Volume of water in filter pack and well casing _____ gal.
7. Volume of water removed from well 55.0 gal.
8. Volume of water added (if any) 0.0 gal.
9. Source of water added _____
10. Analysis performed on water added? Yes No
(If yes, attach results)

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. <u>47.25</u> ft.	<u>47.25</u> ft.
Date	b. <u>5/19/2016</u> m m d d y y y y	<u>05/19/2016</u> m m d d y y y y
Time	c. <u>10:00</u> <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.	<u>10:55</u> <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.
12. Sediment in well bottom	_____ inches	_____ inches
13. Water clarity	Clear <input type="checkbox"/> 10 Turbid <input checked="" type="checkbox"/> 15 (Describe) <u>Turbid Br.</u>	Clear <input checked="" type="checkbox"/> 20 Turbid <input type="checkbox"/> 25 (Describe) <u>Clear</u>

Fill in if drilling fluids were used and well is at solid waste facility:

14. Total suspended solids _____ mg/l _____ mg/l

15. COD _____ mg/l _____ mg/l

16. Well developed by: Name (first, last) and Firm

First Name: Randy Last Name: Radke

Firm: Cascade Drilling

17. Additional comments on development:

Name and Address of Facility Contact/Owner/Responsible Party

First Name: _____ Last Name: _____

Facility/Firm: _____

Street: _____

City/State/Zip: _____

I hereby certify that the above information is true and correct to the best of my knowledge.

Signature: Randy Radke

Print Name: Randy Radke

Firm: Cascade Drilling

NOTE: See instructions for more information including a list of county codes and well type codes.

Route to: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

Facility/Project Name <u>Former Best Dry Cleaners</u>	County Name <u>Waukesha</u>	Well Name <u>MU-150</u>
Facility License, Permit or Monitoring Number	County Code <u>68</u>	Wis. Unique Well Number _____
		DNR Well ID Number _____

1. Can this well be purged dry? Yes No

2. Well development method

surged with bailer and bailed	<input type="checkbox"/> 41
surged with bailer and pumped	<input type="checkbox"/> 61
surged with block and bailed	<input type="checkbox"/> 42
surged with block and pumped	<input checked="" type="checkbox"/> 62
surged with block, bailed and pumped	<input type="checkbox"/> 70
compressed air	<input type="checkbox"/> 20
bailed only	<input type="checkbox"/> 10
pumped only	<input type="checkbox"/> 51
pumped slowly	<input type="checkbox"/> 50
Other _____	<input type="checkbox"/> _____

3. Time spent developing well _____ min.

4. Depth of well (from top of well casing) 56.0 ft.

5. Inside diameter of well 2.06 in.

6. Volume of water in filter pack and well casing _____ gal.

7. Volume of water removed from well 55.0 gal.

8. Volume of water added (if any) 0.0 gal.

9. Source of water added _____

10. Analysis performed on water added? Yes No
(If yes, attach results)

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. <u>43.21</u> ft.	<u>43.21</u> ft.
Date	b. <u>05/19/2016</u> m m d d y y y y	<u>05/19/2016</u> m m d d y y y y
Time	c. <u>9:00</u> <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.	<u>9:46</u> <input type="checkbox"/> a.m. <input type="checkbox"/> p.m.
12. Sediment in well bottom	<u>0.1</u> inches	<u>0.0</u> inches
13. Water clarity	Clear <input type="checkbox"/> 10 Turbid <input checked="" type="checkbox"/> 15 (Describe) <u>Turbid br.</u>	Clear <input checked="" type="checkbox"/> 20 Turbid <input type="checkbox"/> 25 (Describe) <u>clear</u>

Fill in if drilling fluids were used and well is at solid waste facility:

14. Total suspended solids _____ mg/l _____ mg/l

15. COD _____ mg/l _____ mg/l

16. Well developed by: Name (first, last) and Firm

First Name: Randy Last Name: Radke

Firm: Cascade Drilling

17. Additional comments on development:

Name and Address of Facility Contact /Owner/Responsible Party

First Name: _____ Last Name: _____

Facility/Firm: _____

Street: _____

City/State/Zip: _____

I hereby certify that the above information is true and correct to the best of my knowledge.

Signature: Randy Radke

Print Name: Randy Radke

Firm: Cascade Drilling

NOTE: See instructions for more information including a list of county codes and well type codes.

Route to: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

Facility/Project Name <i>Former Bask Dry Cleaners</i>	County Name <i>Waukesha</i>	Well Name <i>MU-16</i>
Facility License, Permit or Monitoring Number	County Code <i>68</i>	Wis. Unique Well Number _____
		DNR Well ID Number _____

1. Can this well be purged dry? Yes No
2. Well development method
- surged with bailer and bailed 41
 - surged with bailer and pumped 61
 - surged with block and bailed 42
 - surged with block and pumped 62
 - surged with block, bailed and pumped 70
 - compressed air 20
 - bailed only 10
 - pumped only 51
 - pumped slowly 50
 - Other _____ _____

3. Time spent developing well *1hr. 10 min.*
4. Depth of well (from top of well casing) *59.9 ft.*
5. Inside diameter of well *2.06 in.*
6. Volume of water in filter pack and well casing _____ gal.
7. Volume of water removed from well *53.0 gal.*
8. Volume of water added (if any) *0.0 gal.*
9. Source of water added _____

10. Analysis performed on water added? Yes No
(If yes, attach results)

17. Additional comments on development:

- | | Before Development | After Development |
|--|--|---|
| 11. Depth to Water (from top of well casing) | a. <i>43.18 ft.</i> | <i>43.28 ft.</i>
<i>23</i> |
| Date | b. <i>05/19/2016</i>
m m d d y y y y | <i>05/19/2016</i>
m m d d y y y y |
| Time | c. <i>7:30</i> <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m. | <i>8:40</i> <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m. |
| 12. Sediment in well bottom | <i>0.0 inches</i> | <i>0.0 inches</i> |
| 13. Water clarity | Clear <input type="checkbox"/> 10
Turbid <input checked="" type="checkbox"/> 15
(Describe) <i>Turbid Br.</i> | Clear <input checked="" type="checkbox"/> 20
Turbid <input type="checkbox"/> 25
(Describe) <i>Clear</i> |

Fill in if drilling fluids were used and well is at solid waste facility:

14. Total suspended solids _____ mg/l
15. COD _____ mg/l

16. Well developed by: Name (first, last) and Firm

First Name: *Randy* Last Name: *Radke*

Firm: *Cascade Drilling*

Name and Address of Facility Contact/Owner/Responsible Party

First Name: _____ Last Name: _____

Facility/Firm: _____

Street: _____

City/State/Zip: _____

I hereby certify that the above information is true and correct to the best of my knowledge.

Signature: *Randy Radke*

Print Name: *Randy Radke*

Firm: *Cascade Drilling*

NOTE: See instructions for more information including a list of county codes and well type codes.

ATTACHMENT 2
DETAILED COSTING SHEETS

KPRG TASK COSTING SHEET

Project: Former Bask Dry Cleaner - Westbrook Shopping Center - Waukesha, WI

Task: 1 Additional Requested Work Planning/Coordination

<u>Professional Labor</u>	<u>Rate (\$/Hr.)</u>	<u>Units</u>	<u>Total</u>
Principal/Proj. Mgr.	\$135	8	\$1,080.00
Field Eng./Sci.	\$68	12	\$816.00
CADD	\$60	0	\$0.00
Admin. Asst/ Word Proc.	\$45	1	\$45.00
		Total Labor	\$1,941.00

<u>External Expenses</u>	<u>Rate</u>	<u>Type</u>	<u>Units</u>	<u>Total</u>
Reproduction	\$50	Est.	0	\$0.00
Field Vehicle	\$60	Daily	0	\$0.00
Sampling Supplies	\$20	Daily	0	\$0.00
Waukesha Fees	\$300	Est.	1	\$300.00
PPE - Modified Level D	\$15	Daily	0	\$0.00
PPE - Level C	\$35	Daily	0	\$0.00
		Total Expenses		\$300.00

<u>Contractors</u>	<u>Rate</u>	<u>Type</u>	<u>Units</u>	<u>Total</u>
None.				\$0.00
		Total Contractors		\$0.00

TASK TOTAL:	\$2,241.00
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KPRG TASK COSTING SHEET

Project: Former Bask Dry Cleaner - Westbrook Shopping Center - Waukesha, WI

Task: 2 New Well Installation Costs

<u>Professional Labor</u>	<u>Rate (\$/Hr.)</u>	<u>Units</u>	<u>Total</u>
Principal/Proj. Mgr.	\$135	4	\$540.00
Field Eng./Sci.	\$68	80	\$5,440.00
CADD	\$60	0	\$0.00
Admin. Asst/ Word Proc.	\$45	2	\$90.00
		<u>Total Labor</u>	<u>\$6,070.00</u>

<u>External Expenses</u>	<u>Rate</u>	<u>Type</u>	<u>Units</u>	<u>Total</u>
PID	\$75	Daily	8	\$600.00
Field Vehicle	\$60	Daily	8	\$480.00
Sampling Supplies	\$20	Daily	0	\$0.00
Drums	\$55	Each	0	\$0.00
Waukesha Permit	\$300	Est.	0	\$0.00
PPE - Level C	\$35	Daily	0	\$0.00
		<u>Total Expenses</u>		<u>\$1,080.00</u>

<u>Contractors</u>	<u>Rate</u>	<u>Type</u>	<u>Units</u>	<u>Total</u>
Cascade	\$22,500	Est.	1	\$22,500.00
Surveyor	\$1,200	Est.	1	\$1,200.00
IDW Disposal	\$175	per Drum	10	\$1,750.00
		<u>Total Contractors</u>		<u>\$25,450.00</u>

TASK TOTAL:	\$32,600.00
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KPRG TASK COSTING SHEET

Project: Former Bask Dry Cleaner - Westbrook Shopping Center - Waukesha, WI

Task: 3 Additional Groundwater Sampling (2 Rounds)

<u>Professional Labor</u>	<u>Rate (\$/Hr.)</u>	<u>Units</u>	<u>Total</u>
Principal/Proj. Mgr.	\$135	4	\$540.00
Field Eng./Sci.	\$68	100	\$6,800.00
CADD	\$60	0	\$0.00
Admin. Asst/ Word Proc.	\$45	2	\$90.00
		Total Labor	<u>\$7,430.00</u>

<u>External Expenses</u>	<u>Rate</u>	<u>Type</u>	<u>Units</u>	<u>Total</u>
Reproduction	\$50	Est.	0	\$0.00
Field Vehicle	\$60	Daily	6	\$360.00
Water Quality Meter	\$175	Daily	6	\$1,050.00
Water Depth Meter	\$25	Daily	6	\$150.00
Disposable Bailers	\$15	Ea.	40	\$600.00
Shipping	\$50	Est.	1	\$50.00
		Total Expenses		<u>\$2,210.00</u>

<u>Contractors</u>	<u>Rate</u>	<u>Type</u>	<u>Units</u>	<u>Total</u>
Analytical	\$65	Est.	44	\$2,860.00

Total Contractors \$2,860.00

TASK TOTAL: \$12,500.00

KPRG TASK COSTING SHEET

Project: Former Bask Dry Cleaner - Westbrook Shopping Center - Waukesha, WI

Task: 5 Operation and Maintenance

<u>Professional Labor</u>	<u>Rate (\$/Hr.)</u>	<u>Units</u>	<u>Total</u>
Principal/Proj. Mgr.	\$135	2	\$270.00
Field Eng./Sci.	\$68	16	\$1,088.00
CADD	\$60	0	\$0.00
Admin. Asst/ Word Proc.	\$45	1	\$45.00
		Total Labor	<u>\$1,403.00</u>

<u>External Expenses</u>	<u>Rate</u>	<u>Type</u>	<u>Units</u>	<u>Total</u>
Reproduction	\$50	Est.	0	\$0.00
Field Vehicle	\$60	Daily	1	\$60.00
Water Quality Meter	\$175	Daily	0	\$0.00
Water Depth Meter	\$25	Daily	0	\$0.00
PPE - Modified Level D	\$15	Daily	0	\$0.00
Reproduction	\$50	Est.	0	\$0.00
		Total Expenses		<u>\$60.00</u>

<u>Contractors</u>	<u>Rate</u>	<u>Type</u>	<u>Units</u>	<u>Total</u>
Driller	\$5,450	Est	1	\$5,450.00

Total Contractors \$5,450.00

TASK TOTAL: \$6,913.00