

# K P R G

ENVIRONMENTAL CONSULTATION & REMEDIATION

KPRG and Associates, Inc.

## **STATUS REPORT, ADDITIONAL WORK PLAN and BUDGET REQUEST (REVISED)**

February 16, 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 (Revised 2/16/17)  
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 1<sup>st</sup> through 3<sup>rd</sup> and September 20<sup>th</sup> through 23<sup>rd</sup>, 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.

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## 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, however, as noted below, the WDNR has requested to resample three vapor probe locations (see Task 4).

## 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 – Vapor Probe Sampling
- Task 5 – Additional Reporting
- Task 6 – 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

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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 \$58,690. 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.

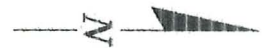
Sincerely,  
KPRG and Associates, Inc.



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



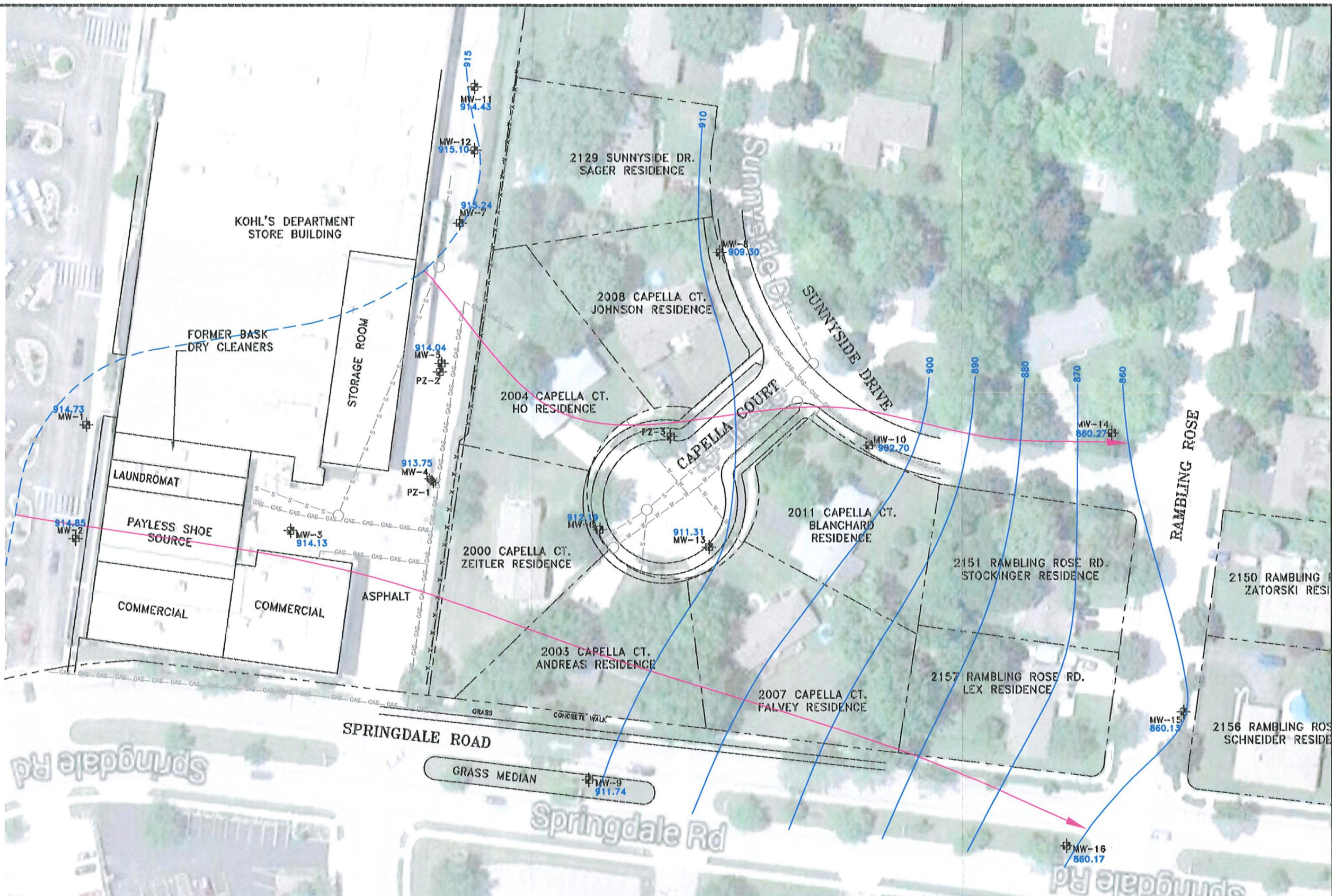
**LEGEND**

MW-12 MONITORING WELL,  
PIEZOMETER LOCATION

GROUNDWATER  
CONTOUR

GROUNDWATER  
DETAIL CONTOUR

GROUNDWATER FLOW  
DIRECTION



0 70'  
APPROXIMATE SCALE

ENVIRONMENTAL CONSULTATION & REMEDIATION

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KPRG and Associates, Inc.

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414 Plaza Drive, Suite 106 Westmont, Illinois 60559 Telephone 630-325-1300 Facsimile 630-325-1593

GROUNDWATER CONTOURS--SEPTEMBER 2016

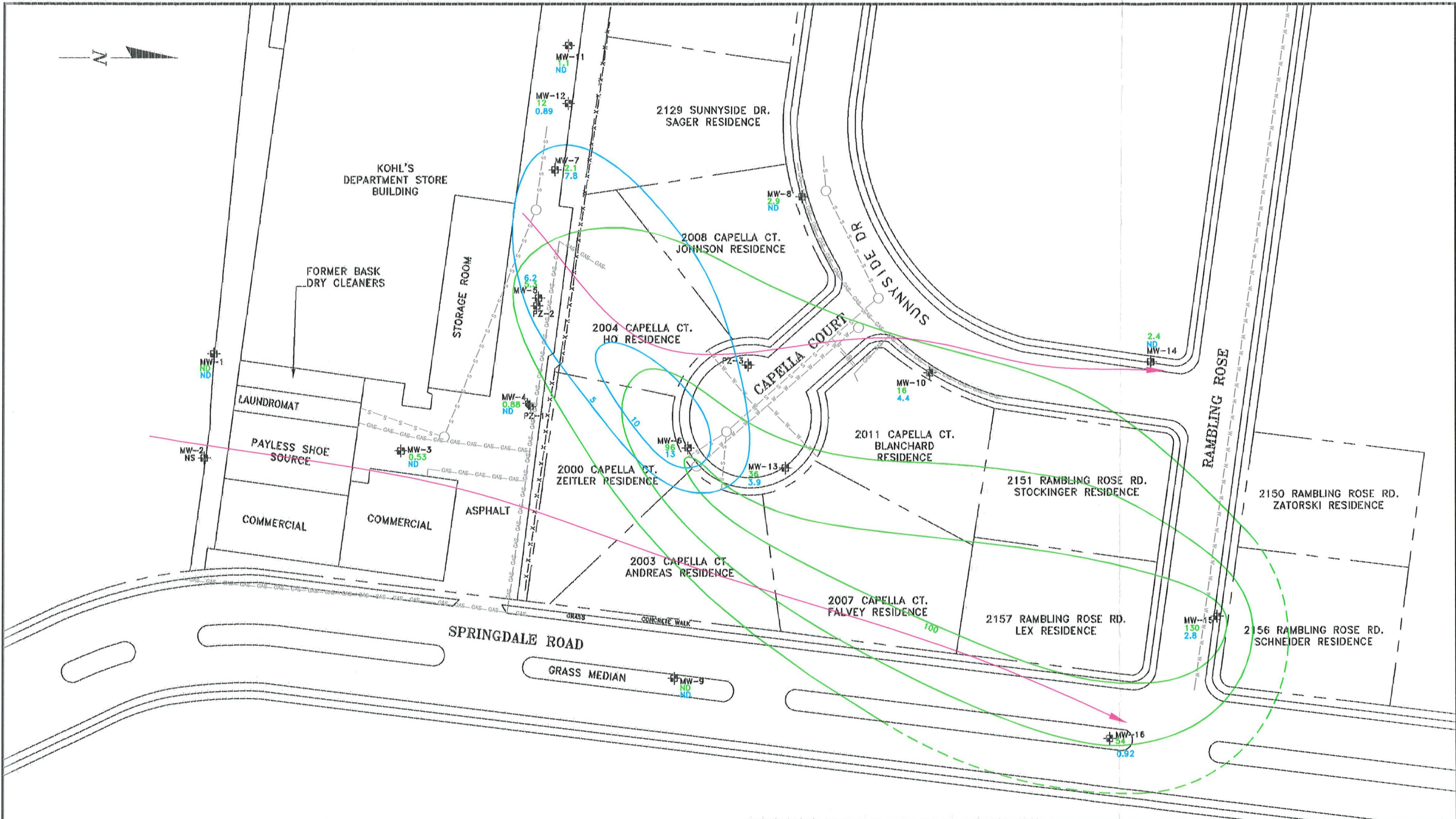
WESTBROOK SHOPPING CENTER  
WAUKESHA, WISCONSIN

Scale: 1" = 70'

Date: October 5, 2016

KPRG Project No. 10009

FIGURE 1



- LEGEND**
- MW-12 MONITORING WELL, PIEZOMETER LOCATION
  - 5 PCE CONCENTRATION CONTOUR
  - 5 TCE CONCENTRATION CONTOUR
  - GROUNDWATER FLOW DIRECTION
  - PCE ENFORCEMENT STANDARD = 5 µg/L
  - TCE ENFORCEMENT STANDARD = 5 µg/L

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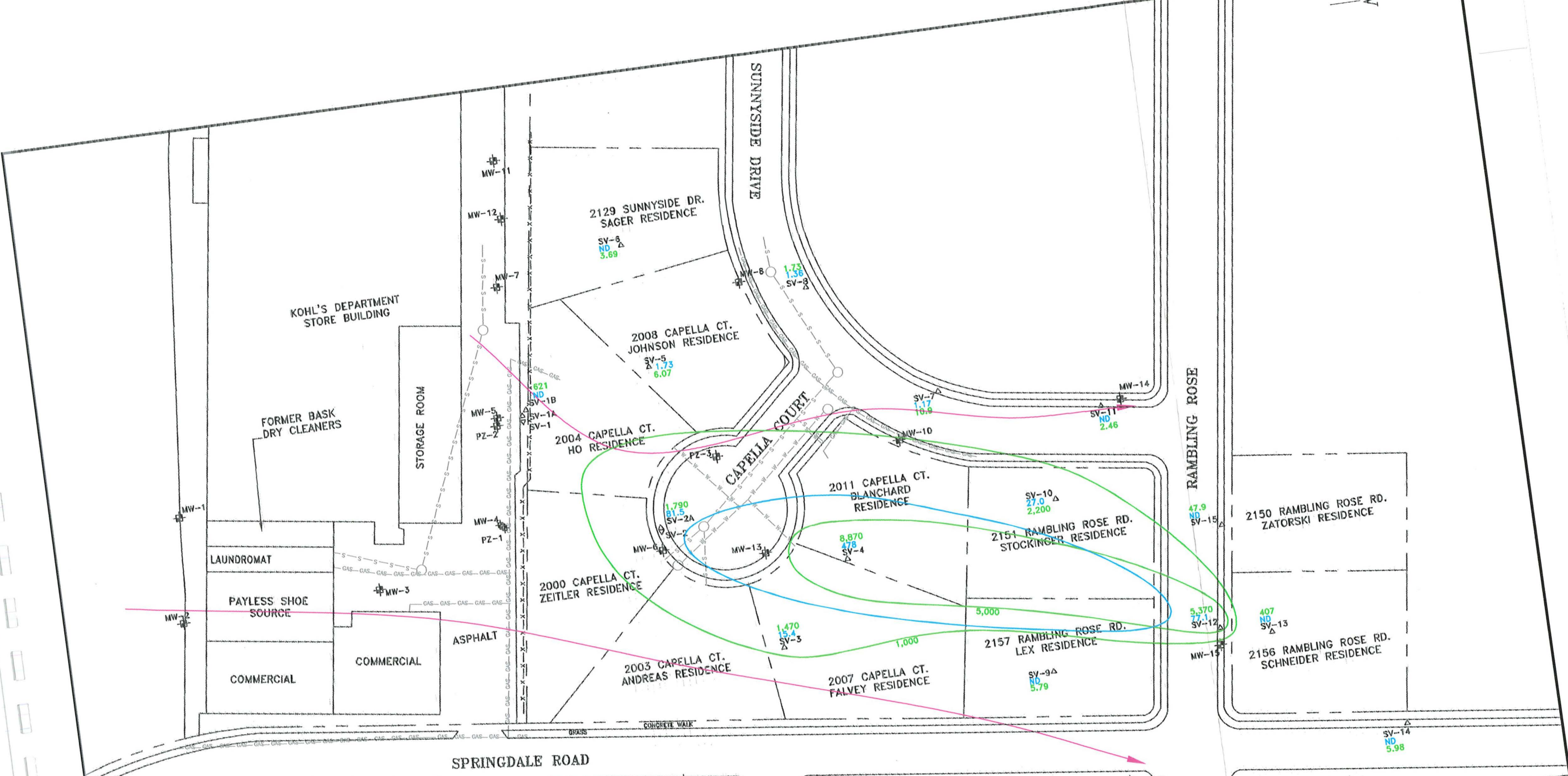
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**EXTENT OF GROUNDWATER IMPACTS**

**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 µg/m³
- TCE VAPOR RISK SCREENING LEVEL = 210 µg/m³

ENVIRONMENTAL CONSULTATION & REMEDIATION

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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

PCE CONCENTRATION CONTOUR

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

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	<0.50	<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	0.63	
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	<0.20	<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	<0.20	<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

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	<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	<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	<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

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	60	11	3.9	9.2	1.6	1.0	3.5	<0.89	<0.50	<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	<0.20	<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

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	<0.50	<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	<0.20	<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	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	<b>12.0</b>	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	<b>2.8</b>	<b>15</b>	<b>11</b>	<b>7.4</b>	<b>13</b>	<b>13</b>	<b>13</b>	<b>13</b>	<b>12</b>	<b>11</b>	<b>14</b>	<b>9.6</b>	<b>16</b>	<b>6.5</b>	<b>2.9</b>	<b>1.8</b>	<b>3.1</b>	<b>3.9</b>	<b>1.7 J</b>	<b>4.6</b>	<b>1.4</b>	<b>2.5</b>	<b>1.1</b>	<b>1.5</b>	<b>1.4</b>	<b>1.1</b>
Trichloroethene		0.5	5.0	<0.48	<b>0.94</b>	<b>1.2</b>	0.41 J	<b>0.85 J</b>	<b>1.7 J</b>	<b>0.93 J</b>	<b>0.89</b>	<b>0.85</b>	<b>4.0</b>	<b>3.5</b>	<b>1.9</b>	<b>4.4</b>	<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	<b>136.9</b>	<b>114.0</b>	<b>275.2</b>	<b>180.9</b>	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	<b>34.8</b>	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	<b>48.7</b>	<b>54</b>	<b>34</b>	<b>31</b>	<b>51</b>	<b>19</b>	<b>49</b>	<b>23</b>	<b>29</b>	NS	<b>22</b>	<b>12</b>	<b>12</b>	<b>13.8</b>	<b>63</b>	<b>58</b>	<b>54</b>	<b>41</b>	<b>39</b>	<b>60</b>	<b>40</b>	<b>32</b>	<b>21</b>	<b>32</b>	<b>27</b>	<b>36</b>
Trichloroethene		0.5	5.0	<b>4.3</b>	<b>4.6</b>	<b>2.8</b>	<b>3.6</b>	<b>4.6</b>	<b>2.3</b>	<b>3.8</b>	<b>2.5</b>	<b>1.9</b>	NS	<b>1.6</b>	<b>0.96</b>	<b>0.89</b>	<b>1.7</b>	<b>2.6</b>	<b>2.4</b>	<b>3.1</b>	<b>2.1</b>	<b>6.5</b>	<b>18</b>	<b>11</b>	<b>6.5</b>	<b>3.9</b>	<b>4.1</b>	<b>3.2</b>	<b>3.9</b>
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	<b>0.97</b>	<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	<b>0.7</b>	<b>2.4</b>	<b>57</b>	<b>130</b>	<b>49</b>	<b>54</b>	<b>0.54</b>	<0.50	<0.50	<0.50	<0.50	1.4 J	<0.50	<0.17	<b>1.6</b>	<0.17	<0.17	<0.37	<0.37
Trichloroethene		0.5	5.0	<0.16	<0.16	<b>0.99</b>	<b>2.8</b>	<b>0.8</b>	<b>0.92</b>	<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/m<sup>3</sup>.  
 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	<b>4,500</b>	390	3.5	1,790
Trichloroethene		70	210	ND	12	1.7	<11	<1.1	1.2	<0.51	ND	<1.1	<b>460</b>	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	<b>7,500</b>	3,500	3,100	1,470	<b>81,000</b>	1,100	<b>16,000</b>	<b>8,870</b>	4.5	<1.4	2,700	6.07
Trichloroethene		70	210	120	35	14	15.4	<b>6,400</b>	160	<b>1,200</b>	<b>478</b>	<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	<11	<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	<b>5,000</b>	81	5.79	750	3,900	2,200	3.2	5.3	2.46	<b>11,000</b>	<b>27,000</b>	<b>5,370</b>	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/m<sup>3</sup>.

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 Well Install and Sampling Budget Summary - Former Bask Dry Celaners, Waukesha WI  
16-Feb-17

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 Soil Vapor Sampling	\$724	\$185	\$705	\$0	\$0	\$0	\$1,614
5) Additional Reporting	\$2,772	\$50	\$0	\$0	\$0	\$0	\$2,822
6) Operation and Maintenance	\$1,403	\$60	\$0	\$5,450	\$0	\$0	\$6,913
Totals	\$20,340	\$3,885	\$3,565	\$27,950	\$1,750	\$1,200	\$58,690

**ATTACHMENT 1**  
**WELL LOGS AND CONSTRUCTION SUMMARIES**

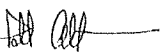


Route To: Watershed / Wastewater  Waste Management   
Remediation / Redevelopment  Other

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 m m / d d / y y y y y	Date Drilling Completed 1 2 / 0 2 / 2 0 1 5 m m / d d / y y y y y	Drilling Method Sonic	
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 NE 1/4 of NE 1/4 of Section 36, T 7 N, R 19 E			Local Grid Location ____ Feet N ____ Feet S		
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					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.

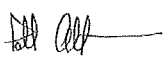
Route To: Watershed / Wastewater  Waste Management   
Remediation / Redevelopment  Other

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 m m / d d / y y y y y	Date Drilling Completed 1 2 / 0 3 / 2 0 1 5 m m / d d / y y y y y	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 1/4 of NE 1/4 of Section 36, T 7 N, R 19 E			Local Grid Location ____ N ____ S _____ Feet _____ E ____ W		
Facility ID 268188800	County Waukesha	County Code 68	Civil Town / City / or Village Waukesha		

Number and Type	Sample 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	- 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 

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

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

Number and Type	Sample 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 <b>KPRG and Associates, Inc.</b>
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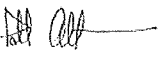
This form is authorized by Chapters 281, 283, 289, 291, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable 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

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

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	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.**

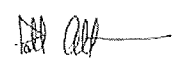
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Route To: Watershed / Wastewater  Waste Management   
Remediation / Redevelopment  Other

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 y y	Date Drilling Completed 0 5 1 7 2 0 1 6 m m / d d / y y y y y y	Drilling Method Sonic	
WI Unique Well No.	DNR Well ID No.	Well Name MW-16	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	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 sand/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.

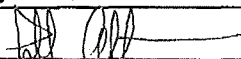
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Facility/Project Name former Bask Dry Cleaners	Local Grid Location of Well ft. <input type="checkbox"/> N. <input type="checkbox"/> E. <input type="checkbox"/> S. <input type="checkbox"/> W.	Well Name MW-14S
Facility License, Permit or Monitoring No.	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 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 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 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 <sup>3</sup> volume added for any of the above
16. Drilling additives used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Describe _____	f. How installed: Tremie <input type="checkbox"/> 01 Tremie pumped <input type="checkbox"/> 02 Gravity <input checked="" type="checkbox"/> 08
17. Source of water (attach analysis, if required): _____	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"/>
E. Bentonite seal, top _____ ft. MSL or _____ ft.	7. Fine sand material: Manufacturer, product name & mesh size a. _____ b. Volume added _____ ft <sup>3</sup>
F. Fine sand, top _____ ft. MSL or _____ ft.	8. Filter pack material: Manufacturer, product name & mesh size a. _____ b. Volume added _____ ft <sup>3</sup>
G. Filter pack, 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"/>
H. Screen joint, 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"/>
I. Well bottom _____ ft. MSL or _____ ft.	b. Manufacturer _____ c. Slot size: 0.010 in. d. Slotted length: _____ ft.
J. Filter pack, bottom _____ ft. MSL or _____ ft.	11. Backfill material (below filter pack): None <input checked="" type="checkbox"/> 14 Other <input type="checkbox"/>
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.

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-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 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 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 <sup>3</sup> volume added for any of the above
16. Drilling additives used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	f. How installed: Tremie <input type="checkbox"/> 01 Tremie pumped <input type="checkbox"/> 02 Gravity <input checked="" type="checkbox"/> 08
17. Source of water (attach analysis, if required): 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"/>
E. Bentonite seal, top _____ ft. MSL or _____ ft.	7. Fine sand material: Manufacturer, product name & mesh size a. _____ b. Volume added _____ ft <sup>3</sup>
F. Fine sand, top _____ ft. MSL or _____ ft.	8. Filter pack material: Manufacturer, product name & mesh size a. _____ b. Volume added _____ ft <sup>3</sup>
G. Filter pack, 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"/>
H. Screen joint, 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"/>
I. Well bottom _____ ft. MSL or _____ ft.	b. Manufacturer _____ c. Slot size: 0.01 in. d. Slotted length: 15 ft.
J. Filter pack, bottom _____ ft. MSL or _____ ft.	11. Backfill material (below filter pack): None <input type="checkbox"/> 14 NATIVE HEAVE <input checked="" type="checkbox"/>
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.

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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. _____ ft. <input type="checkbox"/> E. _____ ft. <input type="checkbox"/> S. _____ ft. <input type="checkbox"/> W.	Well Name <b>MW-14</b>
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 <b>268188800</b>	St. Plane _____ ft. N. _____ ft. E. S/C/N	Date Well Installed <b>05/17/2016</b> m m d d y y y y
Type of Well Well Code <b>11 / mw</b>	Section Location of Waste/Source <b>NE 1/4 of NE 1/4 of Sec. 36, T. 7 N. R. 19</b> <input checked="" type="checkbox"/> E <input type="checkbox"/> W	Well Installed By: Name (first, last) and Firm <b>Randy Radke</b> <b>Cascade Drilling</b>
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	
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

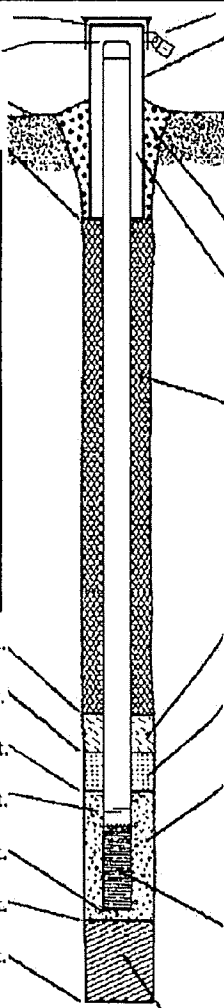
13. Sieve analysis performed?  Yes  No

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 \_\_\_\_\_ ft<sup>3</sup>

8. Filter pack material: Manufacturer, product name & mesh size  
 a. \_\_\_\_\_  
 b. Volume added \_\_\_\_\_ ft<sup>3</sup>

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

10. Screen material: **PVC sch 40**  
 a. Screen type: Factory cut  11  
 Continuous slot  01  
 Other

b. Manufacturer \_\_\_\_\_  
 c. Slot size: \_\_\_\_\_ in.  
 d. Slotted length: \_\_\_\_\_ 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 [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	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 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 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"/> Sidegradient 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	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"/> OW <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"/>	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 <sup>3</sup> 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	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 <sup>3</sup>
E. Bentonite seal, top _____ ft. MSL or _____ ft.	8. Filter pack material: Manufacturer, product name & mesh size a. _____ b. Volume added _____ ft <sup>3</sup>
F. Fine sand, top _____ ft. MSL or 44 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 44 ft.	10. Screen material: PVC 50+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 46 ft.	b. Manufacturer _____ c. Slot size: 0.010 in. d. Slotted length: 10 ft.
I. Well bottom _____ ft. MSL or 56 ft.	11. Backfill material (below filter pack): None <input checked="" type="checkbox"/> 14 Other <input type="checkbox"/>
J. Filter pack, bottom _____ ft. MSL or 56 ft.	
K. Borehole, bottom _____ ft. MSL or 56 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.

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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	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 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 type="checkbox"/> E <input type="checkbox"/> W	Well Installed By: Name (first, last) and Firm Randy Radke Cascade Drilling
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
		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. b. Length: ----- ft. c. Material: Steel <input checked="" type="checkbox"/> 04 Other <input type="checkbox"/>
C. Land surface elevation ----- ft. MSL	d. Additional protection? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, describe: -----
D. Surface seal, bottom ----- ft. MSL or ----- ft.	3. Surface seal: Bentonite <input type="checkbox"/> 30 Concrete <input checked="" type="checkbox"/> 01 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"/>	4. Material between well casing and protective pipe: Bentonite <input type="checkbox"/> 30 Other <input type="checkbox"/>
13. Sieve analysis performed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	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 <sup>3</sup> 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
14. Drilling method used: Rotary <input type="checkbox"/> 50 Hollow Stem Auger <input type="checkbox"/> 41 <u>Sonic</u> Other <input checked="" type="checkbox"/>	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"/>
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	7. Fine sand material: Manufacturer, product name & mesh size a. _____ b. Volume added _____ ft <sup>3</sup>
16. Drilling additives used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Describe: -----	8. Filter pack material: Manufacturer, product name & mesh size a. _____ b. Volume added _____ ft <sup>3</sup>
17. Source of water (attach analysis, if required): -----	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"/>
E. Bentonite seal, top ----- ft. MSL or ----- 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"/>
F. Fine sand, top ----- ft. MSL or ----- ft.	b. Manufacturer c. Slot size: 0.010 in. d. Slotted length: 10 ft.
G. Filter pack, top ----- ft. MSL or 47.5 ft.	11. Backfill material (below filter pack): None <input checked="" type="checkbox"/> 14 Other <input type="checkbox"/>
H. Screen joint, top ----- ft. MSL or 50 ft.	
I. Well bottom ----- ft. MSL or 60 ft.	
J. Filter pack, bottom ----- ft. MSL or 60 ft.	
K. Borehole, bottom ----- ft. MSL or 60 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 [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>MU 140</u>
Facility License, Permit or Monitoring Number	County Code <u>88</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>47.75</u> ft.	<u>47.75</u> ft.
Date	b. <u>5/19/2016</u>	<u>05/19/2016</u>
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 <i>Former Bask Dry Cleaners</i>	County Name <i>Waukesha</i>	Well Name <i>MU)-150</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 \_\_\_\_\_ 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) 00 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 checked="" 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 bc</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</i> ft.	<i>43.28</i> ft. <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 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>0.8</i> inches	<i>0.0</i> inches
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
		<u>Total Labor</u>	<u>\$1,941.00</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	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
		<u>Total Expenses</u>		<u>\$300.00</u>

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

<b>TASK TOTAL:</b>	<b>\$2,241.00</b>
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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
		Total Labor	<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
		Total Expenses		<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
		Total Contractors		<u>\$25,450.00</u>

<b>TASK TOTAL:</b>	<b>\$32,600.00</b>
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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	\$7,430.00

<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	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	\$2,210.00

<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: 4 Additional Vapor Probe Sampling

<u>Professional Labor</u>	<u>Rate (\$/Hr.)</u>		<u>Units</u>	<u>Total</u>
Principal/Proj. Mgr.	\$135		1	\$135.00
Field Eng./Sci.	\$68		8	\$544.00
CADD	\$60		0	\$0.00
Admin. Asst/ Word Proc.	\$45		1	\$45.00
			Total Labor	\$724.00

<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	1	\$60.00
PID	\$75	Daily	1	\$75.00
Water Depth Meter	\$25	Daily	0	\$0.00
Disposable Bailers	\$15	Ea.	0	\$0.00
Shipping	\$50	Est.	1	\$50.00
			Total Expenses	\$185.00

<u>Contractors</u>	<u>Rate</u>	<u>Type</u>	<u>Units</u>	<u>Total</u>
Analytical	\$175	CVOC -A	3	\$525.00
Summa Canister Rental	\$60	Est	3	\$180.00
			Total Contractors	\$705.00

<b>TASK TOTAL:</b>	<b>\$1,614.00</b>
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KPRG TASK COSTING SHEET

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

Task: 5 Additional Reporting

<u>Professional Labor</u>	<u>Rate (\$/Hr.)</u>	<u>Units</u>	<u>Total</u>
Principal/Proj. Mgr.	\$135	6	\$810.00
Field Eng./Sci.	\$68	24	\$1,632.00
CADD	\$60	4	\$240.00
Admin. Asst/ Word Proc.	\$45	2	\$90.00
		<u>Total Labor</u>	<u>\$2,772.00</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	0	\$0.00
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.	1	\$50.00
		<u>Total Expenses</u>		<u>\$50.00</u>

<u>Contractors</u>	<u>Rate</u>	<u>Type</u>	<u>Units</u>	<u>Total</u>
			<u>Total Contractors</u>	<u>\$0.00</u>

**TASK TOTAL: \$2,822.00**

KPRG TASK COSTING SHEET

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

Task: 6 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	\$1,403.00

<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	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		\$60.00

<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**