

Lauridsen, Keld B - DNR

From: Ken Ebbott <kebbott@fehr-graham.com>
Sent: Thursday, January 24, 2019 2:47 PM
To: Lauridsen, Keld B - DNR
Cc: 'Jim Mohr'; Ken Ebbott
Subject: Tidy Cleaners Scope / Budget for OK
Attachments: SKM_C454e19012212090.pdf

Keld,

Attached is the signed Change Order for Tidy Cleaners Green Bay. We had discussed the scope, and I've gotten the client, Jim Mohr, to sign the Change Order. Just need the DNR OK and it can begin. It is DERF, so need the budget blessed to keep it eligible for reimbursement.

Thanks -

Ken

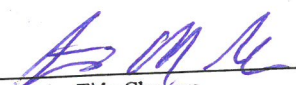
KENDRICK EBBOTT, PG | Branch Manager
Fehr Graham | Engineering & Environmental

909 N. 8th Street | Suite 101
Sheboygan, WI 53081
P: 920.453.0700
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CHANGE ORDER 2 and 3: Jan 14 2019
Tidy Cleaners and Laundry, Green Bay, WI

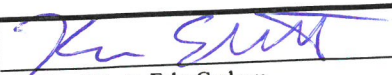
ITEM DESCRIPTION	Original Appvd Cost	CO 2 email Approved 2017	CO 3 Request Jan 14 2019	Total Cost
CONSULTING SERVICES				\$277.50
Task 1: NR716 Work Plan	\$277.50	0	\$1,605.00	\$1,605.00
Task 1A : Access Agreements Off-Site Locations				
Task 2: Field Investigation: Borings and Grab Water Samples, V	\$840.00	0	\$0.00	\$840.00
Task 3: Monitoring Well Installations	\$1,571.00	0	\$2,426.00	\$3,997.00
Task 4: Groundwater Monitoring	\$3,984.00	750	\$2,302.00	\$7,036.00
Task 5: Install / Sample Indoor Vapor Probes	\$395.00	0	\$665.00	\$1,060.00
Task 6: Data Evaluation and SI Report				
Task 7: Project Management	\$3,530.00	650	\$3,200.00	\$7,380.00
Consultant Total: Task 1-7	\$570.00	0	\$1,300.00	\$1,870.00
	\$11,167.50	1400	\$11,498.00	\$24,065.50
CONTRACTOR SERVICES				
Task 2: Field Investigation: Borings and Grab Water Samples	\$1,195.00	0	\$0.00	\$1,195.00
Drilling	\$462.00	0	\$0.00	\$462.00
Lab				
Task 3: Monitoring Well Installations	\$3,244.00	0	\$4,658.00	\$7,902.00
Drilling	\$416.00	0	\$468.00	\$884.00
Lab	\$550.00	0	\$775.00	\$1,325.00
Drum Disposal				
Task 4: Groundwater Monitoring (4 Events at 4 Wells) Plus 2 Events at 3 wells	\$1,308.00	200	\$900.00	\$2,408.00
Lab				
Task 5: Install / Sample Indoor Vapor Probes (not needed)	\$200.00	0	\$250.00	\$450.00
Contractor Total: Task 1-7	\$7,375.00	\$200.00	\$7,051.00	\$14,626.00
actor Total: Task 1-7	\$18,542.50	\$1,600.00	\$18,549.00	\$38,691.50
TOTAL SITE INVESTIGATION B Consulting	\$11,167.50	\$1,400.00	\$11,498.00	\$24,065.50
Commodity	\$7,375.00	\$200.00	\$7,051.00	\$14,626.00
TOTAL	\$18,542.50	\$1,600.00	\$18,549.00	\$38,691.50

Tidy Cleaners approves of the site investigation costs described above and authorizes Fehr Graham to proceed with these activities. Fehr Graham shall not exceed any of these costs without receiving written authorization. The terms and conditions of the original contract for this project will apply to these services.

 1-17-19
Mr. Jim Mohr, Tidy Cleaners Date

This approval does not guarantee the reimbursement of costs. Final determination regarding the eligibility of costs will be determined at the time of claim review.

Mr. Keld Lauridsen, WDNR Date

 14-Jan-19
Mr. Ken Ebbott, Fehr Graham Date

Lauridsen, Keld B - DNR

From: Ken Ebbott <kebbott@fehr-graham.com>
Sent: Monday, January 14, 2019 11:31 AM
To: Lauridsen, Keld B - DNR; 'Jim Mohr'
Cc: Ken Ebbott; Dillon Plamann
Subject: FW: BRRTS 02-05-552220 Proposed Scope of Additional Investigation for DERF Site, Tidy Cleaners, Green Bay
Attachments: Change Order 2 and 3 Details.pdf; Change Order 2 and 3.pdf

Keld and Jim,

Attached is the cost estimate and Change Order for approval to get this moving forward.

The Change order includes the minor costs from 2017 for one round of water samples. We did that work and got approval from Jim and Kristin DuFresne, but didn't do a formal change order, so I included it on this Change order to make it formally approved.

Let me know if you have any questions, if not- sign and return and we can get moving.

Thanks,

Ken

KENDRICK EBBOTT, PG I Branch Manager
Fehr Graham I Engineering & Environmental

-----Original Message-----

From: jmohr5@new.rr.com <jmohr5@new.rr.com>
Sent: Sunday, January 13, 2019 11:25 AM
To: Ken Ebbott <kebbott@fehr-graham.com>
Subject: Re: BRRTS 02-05-552220 Proposed Scope of Additional Investigation for DERF Site, Tidy Cleaners, Green Bay

Ken: We need to get this investigation completed.

Thank you, Jim

--- Ken Ebbott <kebbott@fehr-graham.com> wrote:

> Tidy Cleaners site, 818 S Broadway, Green Bay, WI BRRTS #

> 02-05-552220

>

> Keld and Jim,

>

> As we discussed some time ago, additional investigation of the Tidy Cleaners site is needed. Attached is a map showing the proposed boring locations in Purple, and details are provided below on the scope.

>

> The scope for additional SI at Tidy Cleaners in Green Bay is as follows:

>

>

> * Install two 2-inch monitoring wells (MW-9 and MW-10) on the south adjacent Vanderleest Property. Soil samples will be collected from depths of 3-4' and 11-12' at each boring for VOCs. Total well depths will be 14' with a 10' screen.

>

- >
- >
- > * Install monitoring well/piezometer nest (MW-11 and PZ-12) on Tidy Cleaners Property. Soil samples will be collected from depths of 3-4' and 11-12' at the well nest for VOCs. Total well depth of MW-11 will be 14' with a 10' screen. Total well depth of PZ-12 will be 30' with a 5' screen. The well nest will be used to assess sanitary and water utility lines.
- >
- >
- >
- > * Install soil boring/ 1-inch temporary well (B-13) on Tidy Cleaners Property at the edge of the Broadway Street right of way. Soil samples will be collected from depths of 3-4' and 11-12' for VOCs. Total well depth of 12' with a 10' screen. The boring will be used to assess the gas utility line as a migratory pathway.
- >
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- >
- > * Collect one sub slab vapor sample (SS-1) in office area of building for VOCs.
- >
- >
- >
- > * Following the installation of the three monitoring wells, one piezometer, and one temporary well, the new wells will be developed and surveyed.
- >
- >
- >
- > * Collect two rounds of groundwater samples for VOCs from all site wells (9 total). The first round will be collected one week after development of the new wells. The second round will be collected 3 months after the first round.
- >
- >
- >
- > * All data will be assessed, and an updated Site Investigation Report will be submitted.
- >
- >
- > The site is DERF eligible. If you agree with the scope, I will prepare a formal DERF change Order for you and the owner to approve, so the costs will be eligible for DERF reimbursement.
- >
- > The cost comes out to approximately \$18,500, as there is a lot of drilling and lab included in that total. We also assume we can get access to drill on the neighboring property to the south without too much difficulty.
- >
- > I look forward to hearing back on the scope. Have a great weekend-
- >
- >
- >
- > Ken
- >
- >
- > KENDRICK EBBOTT, PG | Branch Manager Fehr Graham | Engineering &
- > Environmental
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- > 909 N. 8th Street | Suite 101
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> fehr-graham.com<<http://www.fehr-graham.com/>>

>

TABLE 5
 Additional Site Investigation Cost Estimate, Tidy Cleaners and Laundry, Green Bay
 1/14/2019

ITEM DESCRIPTION	Unit Price	Quantity	Units	Total Cost
CONSULTING SERVICES				
Task 1A: Access Agreements Off-Site Parcels				
Hydrogeologist V	\$95.00	5	hour	\$475.00
Hydrogeologist II	\$75.00	8	hour	\$600.00
Technician II	\$70.00	6	hour	\$420.00
Drafter	\$55.00	2	hour	\$110.00
<i>Subtotal Task</i>				\$1,605.00
Task 2: Subslab Vapor Assesment				
Hydrogeologist V	\$95.00	2	hour	\$190.00
Technician II - VP Install	\$70.00	2	hour	\$140.00
Technician II - Grab Vapor	\$70.00	3	hour	\$210.00
PID	\$75.00	1	day	\$75.00
Vapor Pin	\$50.00	1	each	\$50.00
<i>Subtotal Task</i>				\$665.00
Task 3: Addl Monitoring Well Installation (4 wells)/One Boring, Development & Survey				
Hydrogeologist V	\$95.00	1	hour	\$95.00
Technician II-Drill/soil sample/grab water sample	\$70.00	20	hour	\$1,400.00
Technician II - Well Development, Survey	\$70.00	10	hour	\$700.00
PID	\$75.00	1	day	\$75.00
Water Level Indicator	\$21.00	1	day	\$21.00
Survey Equipment	\$35.00	1	day	\$35.00
Expendible Field Supplies	\$25.00	4	each	\$100.00
<i>Subtotal Task</i>				\$2,426.00
Task 4: Groundwater Monitoring at 9 wells (2 quarterly rounds)				
Hydrogeologist V	\$95.00	1	hour	\$95.00
Technician II - Sample	\$70.00	10	hour	\$700.00
Water Level Indicator	\$21.00	1	day	\$21.00
Water Quality Meter	\$125.00	1	day	\$125.00
Disposable Bailer	\$20.00	9	each	\$180.00
Expendible Field Supplies - (sample tubing etc)	\$30.00	1	each	\$30.00
Event Subtotal				\$1,151.00
Events				2
<i>Subtotal Task</i>				\$2,302.00
Task 5: Additional Data Evaluation & Site Investigation Report				
Hydrogeologist V	\$95.00	20	hour	\$1,900.00
Hydrogeologist II	\$75.00	8	hour	\$600.00
Technician II	\$70.00	10	hour	\$700.00
<i>Subtotal Task</i>				\$3,200.00
Task 6: Additional Project Management and Drum Disposal				
Hydrogeologist V	\$95.00	10	hour	\$950.00
Technician II	\$70.00	5	hour	\$350.00
<i>Subtotal Task</i>				\$1,300.00
CONSULTING SERVICES TOTAL				\$11,498.00
COMMODITY SERVICES : BILLED DIRECTLY TO CLIENT				
Task 2: Subslab Vapor Assesment				
Laboratory Services				
VOC - Summa TO-15	\$250.00	1	each	\$250.00
<i>Subtotal Task</i>				\$250.00
Task 3: Addl Monitoring Well Installation (4 wells)/One Boring, Development & Survey				
Drilling Services				
Mobilization	\$500.00	1	lump	\$500.00
Geoprobe Drill and Sample (3 @ 14, 1 @ 30)	\$8.00	72	foot	\$576.00
Blind Drill (3 @ 14, 1 @ 30')	\$15.00	72	foot	\$1,080.00
2" well installation	\$15.00	72	foot	\$1,080.00
1" well installation	\$6.00	12	foot	\$72.00
Concrete penetration	\$50.00	3	each	\$150.00
Decontamination	\$200.00	1	each	\$200.00
Flush Mount Covers	\$150.00	5	each	\$750.00
Drums	\$50.00	5	each	\$250.00
<i>Subtotal Drilling</i>				\$4,658.00
Laboratory Services				
VOC- Soil	\$52.00	9	each	\$468.00
<i>Subtotal Lab</i>				\$468.00
Investigative Waste Disposal - 5 Drums Soil (assume non-hazardous)				
Non-Haz Disposal Drums Soil	\$110.00	5	each	\$550.00
Pick-up / Transport Non Haz	\$150.00	1	each	\$150.00
Fuel Surcharge (per trip)	\$75.00	1	lump	\$75.00
<i>Subtotal Disposal Nonhazardous</i>				\$775.00
<i>Subtotal Task</i>				\$5,901.00
Task 4: Groundwater Monitoring at 8 wells (2 quarterly rounds)				
Laboratory Services per Round				
VOC- 9 wells	\$50.00	9	each	\$450.00
Event Subtotal				\$450.00
Events				2
<i>Subtotal Lab</i>				\$900.00
COMMODITY SERVICES TOTAL				\$7,051.00
TOTAL COST				\$18,549.00

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Mr. Keld Lauridsen, WDNR _____ Date

_____ 14-Jan-19
Mr. Ken Ebbott, Fehr Graham _____ Date

Lauridsen, Keld B - DNR

From: Ken Ebbott <kebbott@fehr-graham.com>
Sent: Friday, January 11, 2019 2:33 PM
To: Lauridsen, Keld B - DNR; 'Jim Mohr'
Cc: Ken Ebbott; Dillon Plamann
Subject: BRRTS 02-05-552220 Proposed Scope of Additional Investigation for DERF Site, Tidy Cleaners, Green Bay
Attachments: 2019 01 11 Proposed Addl Inv Locations.pdf

Tidy Cleaners site, 818 S Broadway, Green Bay, WI BRRTS # 02-05-552220

Keld and Jim,

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- Collect one sub slab vapor sample (SS-1) in office area of building for VOCs.
- Following the installation of the three monitoring wells, one piezometer, and one temporary well, the new wells will be developed and surveyed.
- Collect two rounds of groundwater samples for VOCs from all site wells (9 total). The first round will be collected one week after development of the new wells. The second round will be collected 3 months after the first round.
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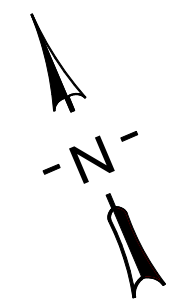
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I look forward to hearing back on the scope. Have a great weekend-

Ken

KENDRICK EBBOTT, PG | Branch Manager
Fehr Graham | Engineering & Environmental

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LEGEND

- B-4 Geoprobe Boring w/ Water Sample
- MW-8 Monitoring Well

GROUNDWATER

8/10/17	SAMPLE DATE
PCE	TETRACHLOROETHENE (ug/L)
TCE	TRICHLOROETHENE (ug/L)
cis	cis-1,2-DICHLOROETHENE (ug/L)
trans	trans-1,2-DICHLOROETHENE (ug/L)
VC	VINYL CHLORIDE (ug/L)
<i>ITALICS+</i>	EXCEEDS NR140 PREVENTIVE ACTION LIMIT
BOLD++	EXCEEDS NR140 ENFORCEMENT STANDARD

SOIL

7/13/11	SAMPLE DATE
3-4'	SAMPLE DEPTH
PCE	TETRACHLOROETHENE (ug/kg)
TCE	TRICHLOROETHENE (ug/kg)
ND	NO DETECT
<i>ITALICS+</i>	EXCEEDS GROUNDWATER PATHWAY RCL

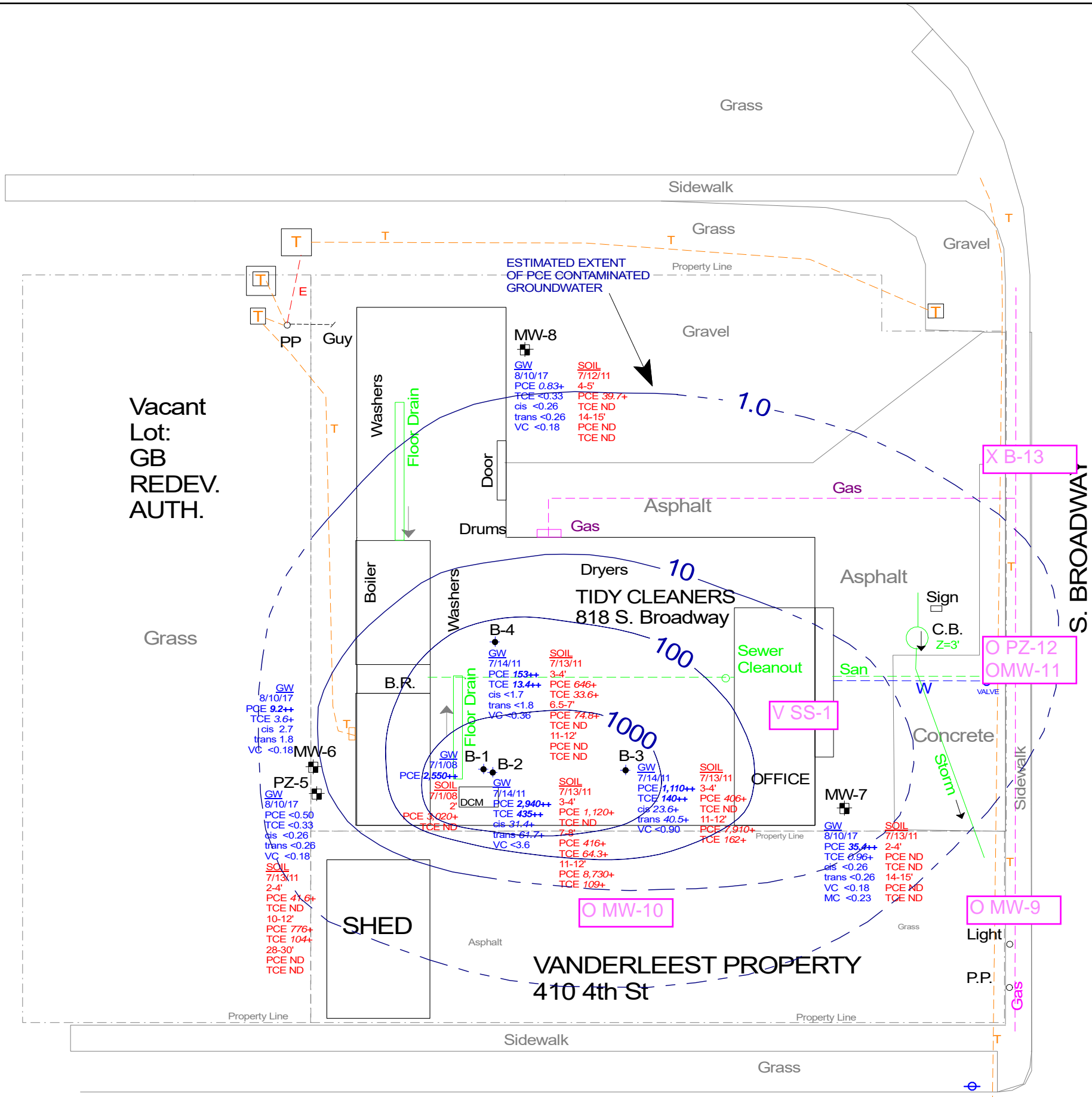
- MW-9 Proposed Well or Piezometer
- V SS-1 Proposed Subslab Vapor Sample
- OMW-11 Proposed Soil Boring
- X B-13 Proposed Soil Boring

Note: VOC Analyses
 Soil Samples MW-9, 10, 12, 13 : 3-4', 11-12', 29-30' (9 total)
 Wells to 14', Piezometer to 30'
 B-13 to 12', 1" Temp well for GW and utility eval
 1 Subslab Vapor
 GW Chem all wells two events (18 total)

SCALE = 1"=20'

PROPOSED ADDITIONAL INVESTIGATION WITH

TITLE: Soil and Groundwater Chemistry		FEHR GRAHAM ENGINEERING & ENVIRONMENTAL	
SITE: Tidy Cleaners Green Bay, WI 54304		DATE: 9/19/12	FILE CODE: base map.skf
SCALE: 1"=20'	DESCRIPTION: TID-2010-01 14-1144	DRAWN BY: KAE	FIGURE A



Vacant Lot:
GB REDEV.
AUTH.