

SCS BT SQUARED

June 1, 2012
File No. 25211343.91

Ms. Janet DiMaggio
Wisconsin Department of Natural Resources
3911 Fish Hatchery Road
Madison, WI 53711



Subject: Change Order #4 for Platteville Cleaners
250 West Main Street, Platteville, Wisconsin
BRRTS #02-22-550753

Dear Ms. DiMaggio:

As requested, we have prepared the following site investigation change order request for the Platteville Cleaners DERF project. The change order includes a scope of services and costs for additional vapor intrusion assessment, groundwater monitoring, and reporting.

PROPOSED SCOPE OF SERVICES

Our most recent site investigation update was submitted to the Wisconsin Department of Natural Resources (WDNR) on January 16, 2012. The following proposed scope of services is based on subsequent correspondence with the WDNR. The purpose of the additional scope is to further delineate the extent of chlorinated solvents in soil gas and groundwater. The following tasks are proposed:

Task 1 – Workplan Preparation

This task includes preparation of the proposed scope and cost estimate for this change order. Work performed includes the following:

- Communication with the WDNR and Platteville Cleaners.
- Planning scope and cost estimating.
- Preparation of drilling request for bid and bid review.
- Completion of this letter and WDNR cost spreadsheets.

Task 2 – Sub-Slab and Indoor Air Sampling

Our proposed sub-slab and indoor air sampling scope is based on sub-slab results to date, our May 16, 2012, conference call with WDNR staff, and follow-up email correspondence. Proposed sub-slab sampling points are shown on **Figure 1**.



Work includes the following:

- Communication with off-site property owners, Platteville Cleaners, and the WDNR.
- Preparation and transmittal of access agreements to off-site property owners.
- Installation of eight sub-slab probes at locations shown on **Figure 1**. We plan to install the probes through the concrete slab of each building. Each probe will be completed flush with the slab. We anticipate that the probes will be abandoned within one year, but additional sampling may be required so probe abandonment scope and costs are not included in this change order.
- Perform helium shroud and “shut-in” leak tests at each probe prior to sampling per WDNR guidelines.
- Collect ½-hour Summa canister samples from each new probe.
- Collect one 24-hour Summa canister at each residence and apartment building (total of three samples).
- Collect one 24-hour background outdoor air Summa canister sample during the indoor air sampling.
- Transport samples to the State Lab of Hygiene for analysis of cis-1,2-dichloroethylene (cis-1,2-DCE), tetrachloroethylene (PCE), trichloroethylene (TCE), and vinyl chloride via method TO-15.

Task 3 – Monitoring Well Installation and Sampling

Per our May 16, 2012 conference call, we are proposing installation of one additional groundwater monitoring well nest (MW8/8P). The well nest is proposed for a location west of monitoring well nest MW7/7P as shown on **Figure 1**. The nest will include one water table well to approximately 50 feet, and one piezometer to approximately 80 feet. Work includes the following:

- Communication with Platteville Cleaners and subcontractors, including drilling contract.
- Communicate with City of Platteville and acquire access to the South Elm Street right-of-way.
- Oversee installation of monitoring wells assuming City approves access.
- Develop and survey new wells.
- Measure water levels at all site wells, including Heer Mobile wells MW5 and MW6.
- Sample all Platteville Cleaners wells (MW1, MW2, MW3, MW4, MW4P, MW5, MW6, MW6P, MW7, MW7P, MW8, and MW8P) for volatile organic compounds (VOCs).
- Manage soil cuttings and well development water for disposal. It is assumed all investigation-derived waste can be managed as non-hazardous.
- Review and process contractor invoices.

Task 4 – Data Analysis and Reporting

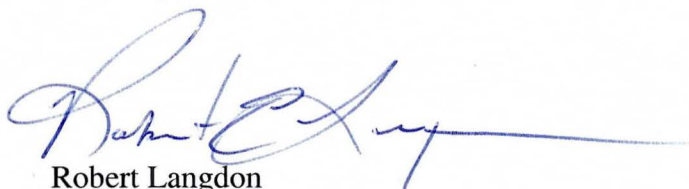
The sub-slab and indoor air results will be transmitted to the WDNR. The following additional reporting scope is needed to review the additional data, update site analytical summary tables, and update site plans and results maps.

- Review additional hydrogeologic and analytical data.
- Update site plan.
- Update groundwater analytical summary table.
- Update groundwater isoconcentration map.
- Update sub-slab results table and map.
- Prepare indoor and outdoor air summary table.
- Update geologic cross sections.
- Prepare one additional water table map.

ESTIMATED PROJECT COSTS

A detailed cost estimate for each phase of work is attached as required (**Attachment A**). A budget summary is provided in **Table 1**. We estimate a project cost of \$28,200.70, which assumes the WDNR will have no revisions to the proposed scope of services. These costs do not include costs associated with travel (travel time, mileage, and per diem costs) or claim preparation, which are not eligible for reimbursement from the DERF program.

Sincerely,



Robert Langdon
Senior Project Manager
SCS BT SQUARED

REL/lmh/TK

cc: Tim Koeller, Platteville Cleaners

Attachments: Table 1 – Budget Summary
Figure 1 – Proposed Sample Locations
Attachment A – DERF Site Investigation Bid Sheet

Table 1. Budget Summary
Platteville Cleaners / SCS BT Squared Project #25211343.91

	Previously Approved Budget¹	Incurred Costs	Budget Remaining²	Estimated Cost for Additional Investigation	Change Order Request	Requested Total Budget
Drilling Costs	\$34,628.00	\$34,320.00	\$308.00	\$8,400.00	\$8,092.00	\$42,720.00
Analytical Costs	\$8,294.40	\$8,398.40	(\$104.00)	\$3,215.00	\$3,319.00	\$11,613.40
Consulting Costs	\$58,762.00	\$55,191.50	\$3,570.50	\$16,578.00	\$16,578.00	\$75,340.00
Misc. Costs	\$7,796.66	\$5,409.36	\$2,387.30	\$2,599.00	\$211.70	\$8,008.36
Total	\$109,481.06	\$103,319.26	\$6,161.80	\$30,792.00	\$28,200.70	\$137,681.76

Notes:

¹ Previously approved budget accounts for the 5/08, 3/09, 10/09, and 6/11 cost approvals.

² Budget remaining for consulting is reserved for completion of slug testing and site investigation reporting (yet to be completed). Extra drilling, analytical, and miscellaneous budget from the original budget will be used future work.



PROJECT NO. 25211343.91	DRAWN BY: KRG	ENGINEER	 2830 DAIRY DRIVE MADISON, WI 53718-6751 PHONE: (608) 224-2830	CLIENT	PLATTEVILLE CLEANERS 250 WEST MAIN STREET PLATTEVILLE, WISCONSIN	SITE	PLATTEVILLE CLEANERS 250 WEST MAIN STREET PLATTEVILLE, WISCONSIN	PROPOSED SAMPLE LOCATIONS	FIGURE
DRAWN: 5/24/12	CHECKED BY: <i>REL</i>								1
REVISED:	APPROVED BY: <i>REL</i>								

I:\3439A\Figures-general\PR-SAMPLE LOCATIONS.dwg, 5/24/2012 2:42:21 PM

ATTACHMENT A

DERF Site Investigation Bid Sheet

Consultant Name: BT Squared, Inc.
Site Name: Platteville Cleaners
BRRTS #: 02-22-550753
Date: May 2011

DERF Site Investigation Bid Sheet

Form 4400-233 (R 4/04) Page 1 of 5

Site Information

Site Name Platteville Cleaners

Consultant Name SCS BT Squared

Applicant Name Tim Koeller

Bid Summary

Drilling Costs Total =	\$8,400.00
Analytical Costs Total =	\$3,215.00
Consulting Costs Total =	\$16,578.00
Misc Costs Total =	\$2,599.00
Grand Total =	30,792.00

I certify that the costs are an accurate estimate of my total projected costs for the site investigation and I understand and will adhere to s.292.65 Stats. and ch NR 169, Wis. Adm. Code.

Consultant Signature



Date

6/1/2012

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

Consultant Name: SCS BT Squared

Site Name: Platteville Cleaners

BRRTS #: 02-22-550753

Date: June 2012

DERF Site Investigation Bid Sheet

Form 4400-233 (R 4/04) Page 2 of 5

Drilling Costs

e Name: Platteville Cleaners	Interval	Number of Borings or Wells	Number of Days	Total Number Feet Drilled	Cost/feet, Day or Well	Total Cost
Consultant Name BT Squared, Inc.						
2-Inch PVC wells	0 ft to 80 ft			130	\$16.00	\$2,080.00
Decontamination Costs						
Mobilization/Right of Way Signs						\$1,450.00
Air Rotary (continuous sampling)						
Air Rotary	20 ft to 80 ft			90	\$28.00	\$2,520.00
Decontamination Costs						
Mobilization Costs						\$0.00
Air Rotary (specify split spoon sampling interval)						
Sample at 2.5-foot intervals	0 ft to 20 ft			20	\$16.00	\$320.00
Soil Blind drill	0 to 20 ft			20	\$14.00	\$280.00
Decontamination Costs						\$250.00
Mobilization Costs						\$0.00
Direct Push Borings (per point)						
Decontamination Costs						
Mobilization Costs						
Well Development (if done by subcontractor)						
Other						
Drums		10			\$60.00	\$600.00
Flush Mount Covers		2			\$200.00	\$400.00
Air Compressor			1		\$500.00	\$500.00
Total Drilling Costs						\$8,400.00

Consultant Name: SCS BT Squared
 Site Name: Platteville Cleaners
 BRRTS #: 02-22-550753
 Date: June 2012

DERF Site Investigation Bid Sheet

Form 4400-233 (R 4/04) Page 3 of 5

Parameter		WI Certified Lab			Field Test/Field Kit			Mobile Lab			Total Costs
Site Name	BT	\$/sample	# samples	Method Used	\$/sample	# samples	Method Used	\$/Sample	# Samples	Method Used	
Consultant Name	BT										
Solids Analysis											
VOCs											
TCLP											
RCRA Metals											
Duplicate Analyses											
Blank Analyses											
Other: (Specify)											
Water Analysis (low flow sampling assumed unless otherwise indicated at bottom of this sheet)											
VOCs											
		63	13	8260							\$819.00
Nitrate*											
		0	0	353.2							\$0.00
Dissolved Oxygen*											
Temperature*											
Ferrous Iron*											
		0	0	6010							\$0.00
Sulfate*											
		0	0	375.2							\$0.00
Sulfide*											
		0	0	SM4500S2 E							\$0.00
ORP*											
pH*											
TOC*											
		0	0	9060							\$0.00
TIC											
		0	0	M9060							\$0.00
Alkalinity*											
Chloride*											
		0	0	300							\$0.00
Spec. Conductance*											
Ethene/Ethane/Methane*											
		0	0	8015B							\$0.00
Hydrogen*											
Carbon Dioxide*											
RCRA Metals											
Duplicate Analyses (VOC)											
Blank Analyses											
Arsenic											
		0	0	6020							\$0.00
Manganese											
		0	0	6010							\$0.00
Air Analysis											
VOCs											
		175	12	TO15							\$2,100.00
TCE											
PCE (minimum detection limit is <10 ppbv)											
											\$0.00
Other: (Specify)											
											\$0.00
Waste Analyses (soil/water)											
VOCs (soil drums)											
		63	2	8260							\$126.00
TCLP											
		170	1	311							\$170.00
Miscellaneous (specify)											
											\$0.00
Charge for Mobile Lab (indicate # days and daily fee)											
Total Analytical Costs											
											\$3,215.00

* Natural Attenuation parameters required for consideration of NA as remedy.

Consultant Name: SCS BT Squared
 Site Name: Platteville Cleaners
 BRRTS #: 02-22-550753
 Date: June 2012

DERF Site Investigation Bid Sheet

Site Name: Platteville Cleaners	Hourly Rate	Hours/Task																	Total Costs	
		Workplan Development	Access	Reconnaissance Survey	Waste Determination	Drilling Oversight	Soil Sampling	Drilling sampling	Well Development	Hydraulic Conductivity Test	Groundwater sampling	Soil gas/vapor intrusion survey	SSRCL calculations (contained out or remedial actions)	SI Report preparation	RAOR Report preparation	Project Management	Other (specify)			
																	Disposal Coord.	Transport Waste Water		Surveying
Professional Staff																				
Principal	140	1													2					\$420.00
Senior Proj. Manager	115	12	2		1	2	1		1		1	6		4		18		1		\$5,635.00
Senior Professional	103																			\$0.00
Professional II	93	4	20		4					2				16						\$4,278.00
Professional I	85																			\$0.00
Field Staff																				
Field Professional	75					12	1		4		16	18						4	2	\$4,275.00
																				\$0.00
																				\$0.00
																				\$0.00
Office Support Staff																				
Senior Draft	70	2												13						\$1,050.00
Proj. Assistant I	50																			\$0.00
Admin. II	45																			\$0.00
Admin. I	40	4	4		1									12		2				\$920.00
																				\$0.00
																				\$0.00
Total Consulting Costs																				\$16,578.00

Consultant Name: SCS BT Squared
 Site Name: Platteville Cleaners
 BRRTS #: 02-22-550753
 Date: June 2012

DERF Site Investigation Bid Sheet

Major Activity	Specifications	Commodity Unit (specify)	Unit Rate	Number of Units	Total Cost
Site Name Platteville Cleaners					
Consultant Name BT	Non-Hazardous	Drum	\$150.00	10	\$1,500.00
Waste Water Treatment		Gallon	\$0.20	300	\$60.00
Equipment Rental (list and include shipping costs if applicable)					
Trailer		Day	\$25.00	2	\$50.00
PID		Day	\$75.00	2	\$150.00
Helium Meter		Day	\$142.00	2	\$284.00
Helium gas		Lump	\$30.00	1	\$30.00
Datalogger & Transducer		Day	\$125.00	0	\$0.00
Soil Scale		Day	\$25.00	1	\$25.00
Water Level Meter		Day	\$20.00	3	\$60.00
Submersible Pump		Day	\$50.00	1	\$50.00
Portable Generator		Day	\$40.00	1	\$40.00
pH and Conductivity Meters		Day	\$40.00	0	\$0.00
Field Supplies (list)					
Filters for RNA Sampling	On-time use	Each	\$15.00	0	\$0.00
Bailers for New Wells (2)	Dedicated Bailers	Each	\$35.00	2	\$70.00
Locks		Each	\$10.00	2	\$20.00
Core Drill		Day	\$75.00	1	\$75.00
Vapor sample point hardware		Each	\$30.00	5	\$150.00
Surveying					
Surveying equipment		Day	\$35.00	1	\$35.00
Personal Protection Equipment (list)					
Sample Shipping Costs					
Other (specify)					
Total Miscellaneous Costs					\$2,599.00

Reminders: DERF does not reimburse for attorney, closure or GIS fees. Mileage and meals are also non-reimbursable. Also, costs to prepare a reimbursement application and discuss the application with the department are not reimbursable. No expedited shipping w/o prior PM approval.



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Scott Walker, Governor
Cathy Stepp, Secretary

101 S. Webster St.
Box 7921
Madison, Wisconsin 53707-7921
Telephone 608-266-1967
FAX 608-267-0496
TTY Access via relay - 711

May 25, 2012

Ref: DC-469 BRRTS # 02-22-550753

Mr. Tim Koeller
Platteville Cleaners
250 W. Main St.
Platteville, WI 53818

Subject: Dry Cleaner Environmental Response Fund (DERF) Reimbursement Approval for Platteville Cleaners at 250 W. Main St, Platteville

Dear Mr. Koeller,

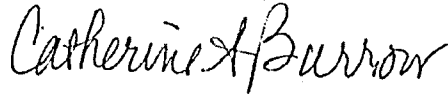
I have completed the audit of your application for reimbursement from the Dry Cleaner Environmental Response Fund (DERF) Program. Following is a summary of your audited expenses:

Cost Category	Costs Claimed	Audited Eligible Costs	Audited Ineligible Costs	Penalties (Ineligible x 50%)
Soil Investigation	\$ 844.75	\$ 844.75		
Groundwater Investigation	\$25,046.75	\$25,046.75		
Air/Vapor Investigation	3,176.25	3,176.25		
Lab & Other Analysis	5,351.92	5,351.92		
Miscellaneous Costs	2,148.95	2,148.95		
Totals	\$36,568.62	\$36,568.62		
Minus Deductible		DC-394		
Base Reimbursement				
Minus Penalties		-		
Total Approved Reimbursement		\$36,568.62		

Your total eligible expenses for this site are \$105,028.51 to date. At this site there was a \$10,000 deductible (DC-394) and there will be no more deductible withdrawn until \$200,000 worth of eligible expenses has been reached. The deductible values are established in s. 292.65(8)(e), Wis. Stats.

Your reimbursement check for \$36,568.62 should be received by **Wisconsin Community Bank**, as you requested in your application, within 2 weeks of receiving this letter. If you have questions about the audit, please feel free to contact me at (608) 266-1967 or at the address indicated on the top of the first page.

Sincerely,



Cathy Burrow, Fund Manager
Dry Cleaner Environmental Response Program
Bureau of Community Financial Assistance

cc: Terry Evanson – DNR – Madison
Janet DiMaggio – DNR
Rob Langdon – BT Squared, Inc.
Pat Heger – BT Squared, Inc.
Dennis Evenson, Wisconsin Community Bank, 1717 10th St, Monroe, WI 53566

DiMaggio, Janet H - DNR

From: Langdon, Robert [RLangdon@scsengineers.com]
Sent: Thursday, May 17, 2012 9:36 AM
To: DiMaggio, Janet H - DNR; Evanson, Theresa A - DNR
Cc: timkoeller@hotmail.com
Subject: RE: Platteville Cleaners
Attachments: Revised_Proposed_Vapor Assessment & Well Locations_Platteville Cleaners_120517.pdf

Thanks Janet, I've attached a revised map to document the changes.

From: DiMaggio, Janet H - DNR [mailto:Janet.DiMaggio@Wisconsin.gov]
Sent: Thursday, May 17, 2012 9:17 AM
To: Langdon, Robert; Evanson, Theresa A - DNR
Cc: timkoeller@hotmail.com
Subject: RE: Platteville Cleaners

Hi Rob,

I took a look at the email - first the map:

The residence to be sampled is south of the office on Elm Street (note the last 2 PCE concentrations of 110 and 93.ppb). The office/residence building on South Chestnut is near well MW5 which shows no detect. That building might be sampled in the future depending on the results obtained from the office immediately to the west (the middle building on West Main).

The well location for MW8/8P looks good.

In regards to the summary:

You captured the conversation. Your question on indoor air sampling: An indoor air sample is not required (at this time) for commercial buildings unless they have residential units above or in the commercial establishments. It might be good practice to do both if you anticipate high values from the sub slab. I will trust Terry to clarify this point. One notable exception is that we would recommend an indoor air sample at a childcare facility and likely at a school.

Thanks.
Janet

From: Langdon, Robert [mailto:RLangdon@scsengineers.com]
Sent: Thursday, May 17, 2012 08:50 AM
To: DiMaggio, Janet H - DNR; Evanson, Theresa A - DNR
Cc: timkoeller@hotmail.com
Subject: RE: Platteville Cleaners

Sorry, I forgot the map attachment. Here you go.

From: Langdon, Robert
Sent: Wednesday, May 16, 2012 4:02 PM
To: janet.dimaggio@wisconsin.gov; Theresa.Evanson@Wisconsin.gov
Cc: timkoeller@hotmail.com
Subject: RE: Platteville Cleaners

Terry and Janet, I'm providing the following notes from our conference call from this afternoon. The

conference call was arranged to answer questions addressed in my email from earlier in the day.

- Vapor assessment is required for areas where the groundwater plume potentially exceeds 58 ppb PCE.
- Vapor assessment is required for the liquor store, apartment building and residence to the immediate north of the drycleaner.
- The office and office/residence buildings immediately south of West Main Street should also be assessed. Vapor assessment is not required for the adjacent gas station (Petro Shop) at this time. I have attached a map that highlights the required sampling locations.
- Sub-slab samples should be collected at each building at a ratio of approximately 1 sample for every 1,500 square feet of building footprint. A single indoor air should also be collected at each location (both residential and commercial?).
- If mitigation systems are required based and vapor assessment these would be allowed under an interim action.
- A mitigation system will not be approved for the drycleaner as it is an active drycleaner using PCE.
- A new monitoring well nest should be installed west of MW7 and south of MW6 as shown on the attached map (final location will be determined based on access).
- If needed, a variance may be approved so that Tim Koeller can submit more than 3 SI DERF claims.
- The vapor assessment and well installation costs should be submitted as a SI change order and work should proceed as quickly as possible.
- Terry Evanson will look into potentially sending the site out to bid for remedial action while the site investigation tasks are being completed.
- A remedy for soil and groundwater will need to be prepared for approval under remedial action or potentially an interim action, but these efforts will need to be bid.

Please let me know if you have any revisions/additions to these notes.

Robert Langdon

Senior Project Manager

SCS BT SQUARED

2830 Dairy Drive

Madison, WI 53718

608.224.2830

Direct: 608.216.7329 • Cell: 608.212.3995

www.scsengineers.com

From: Langdon, Robert

Sent: Wednesday, May 16, 2012 10:33 AM

To: 'james.walden@wisconsin.gov'; janet.dimaggio@wisconsin.gov; Theresa.Evanson@Wisconsin.gov

Cc: timkoeller@hotmail.com

Subject: Platteville Cleaners

Hi Jim, Janet and Terry, I'm following up on a recent discussion the three of you had regarding the Platteville Cleaners project. I spoke with Janet about this afterwards and then Jim as suggested by Janet. I believe the two options determined for moving the project forward include sending the site out to bid

05/17/2012

for remediation now (with SVE or mitigation as part of the remedial effort) while simultaneously working to complete the SI or completing the SI as quickly as possible and then sending the site out to bid for remediation. I'm writing to propose a third alternative, which is to perform an interim action to address the vapor issue sooner.

Some background - We are currently working to complete the SI. High sub-slab vapor levels were first observed in February 2010. I have attached an analytical summary table and map showing sub-slab sample locations for reference. To complete the SI, Janet has requested a sub-slab sample be collected from the adjacent liquor store and that another downgradient well or well nest be installed. I've attached a water table map and GW analytical results summary table for reference. These next SI steps seem appropriate to us and we plan to submit a change order to Janet for these tasks. Tim Koeller (RP) is aware of the high sub-slab concentrations and has requested a mitigation or SVE system to address it.

Performing mitigation or SVE under interim action seems to have some advantages. First, I believe we could begin addressing the vapor issue sooner. If the site is sent to remediation this may delay things as Tim will need to secure remediation bids, get agency approval for costs, and contract before any remedial/mitigation effort can begin. Also, because we are not really done with the SI it's possible that more delineation may be necessary before a thorough remediation action plan can be developed. Lastly, there may be financial advantages for interim action since Tim uses the claim reimbursements to fund the next phases of work. We have submitted two SI claims so far and can only submit one final SI claim as I understand it. However, with interim action I understand Tim can file a separate claim that won't count against the three SI claim total.

So, we propose to submit an interim action change order to cover the remaining sub-slab sampling, well installation and SVE or mitigation system. We suggest that the interim action include at least a mitigation system at the cleaners as requested by Tim. This will cost approximately \$1,500 to install. Another option for you to consider would be an SVE system, which would be more expensive (~\$30K+ to install and operate for a year), but it would have a greater radius of influence and could be expanded later if needed.

If moving to remediation is still preferred we will submit the SI change order and complete the SI as quickly as possible. However, if interim action as discussed above is acceptable, we will submit costs for this as well. Please let us know which direction to take an if interim action, which type of system is preferred - mitigation or SVE.

Thank you,

Robert Langdon
Senior Project Manager

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2830 Dairy Drive
Madison, WI 53718
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Direct: 608.216.7329 • Cell: 608.212.3995
www.scsengineers.com



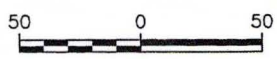
- LEGEND**
- APPROXIMATE PROPERTY LINE
 - - - FENCE
 - LIGHT/UTILITY POLE
 - OVERHEAD UTILITY
 - ⊕ MONITORING WELL
 - [957.59] WATER TABLE ELEVATION MEASURED ON 12/01/11
 - WATER TABLE CONTOUR
 - ➔ APPROXIMATE GROUNDWATER FLOW DIRECTION

NOTES:

1. PROPERTY LINE AND BUILDING LOCATIONS ARE APPROXIMATE. LOCATIONS BASED ON AERIAL PHOTOGRAPH DOWNLOADED FROM GRANT COUNTY GEOGRAPHIC INFORMATION SYSTEM.

Proposed Vapor Sample Location

Proposed Well Nest



SCALE: 1" = 50'

PROJECT NO. 25211343.91	DRAWN BY: SAS/KP/JB	<p>2830 DAIRY DRIVE MADISON, WI 53718-6751 PHONE: (608) 224-2830</p>	<p>CLIENT PLATTEVILLE CLEANERS 250 WEST MAIN STREET PLATTEVILLE, WISCONSIN</p>	<p>SITE</p>	<p>PLATTEVILLE CLEANERS 250 WEST MAIN STREET PLATTEVILLE, WISCONSIN</p>	<p>WATER TABLE CONTOUR MAP DECEMBER 1, 2011</p>	<p>FIGURE 10</p>
DRAWN: 12/13/11	CHECKED BY: TJK						
REVISED: 12/13/11	APPROVED BY:						