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August 29, 2012 File No. 25212211.00

Mr. Gregory Frahm Director of Economic Development and Planning Village of DeForest 306 DeForest Street DeForest, WI 53532

Subject: Preliminary Geotechnical Report

Proposed DeForest Business Park - Phase 2, DeForest, Wisconsin

Dear Mr. Frahm:

As requested, we completed the preliminary geotechnical investigation and report for the proposed business park expansion in accordance with our proposal dated July 25, 2012. We believe the site is suitable for construction of the proposed industrial park development within the limitations described in the report. This report presents preliminary recommendations for the design and construction from a geotechnical viewpoint. Additional soil borings and geotechnical evaluation are recommended as the design locations, elevations, and details of the development become available.

Unless you notify us to the contrary, the soil samples from the geotechnical borings will be discarded after 60 days.

We will contact you in a few days to see that our report has satisfied your needs. In the interim, please feel free to contact us if you have questions.

Sincerely,

Mark R. Huber, PE Vice President

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Mark R Huber

Debra L. Nelson, PE

Senior Geotechnical Engineer

Jebrah. Nelson

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DLN/DMH/TLC/MRH

Enclosures: Preliminary Geotechnical Report

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Preliminary Geotechnical Report

Proposed DeForest Business Park – Phase 2, DeForest, Wisconsin

Presented to:

Village of DeForest

306 DeForest Street DeForest, Wisconsin (608) 846-6751

Presented by:

SCS BT SQUARED

2830 Dairy Drive Madison, Wisconsin 53718-6751 (608) 224-2830

> August 2012 File No. 25212211

Offices Nationwide www.scsengineers.com

Table of Contents

Secti	on		Page
1.0	Proje	ect Description	1
2.0	Preli	iminary Geotechnical Recommendations	1
	2.1	Site Preparation and Excavation Considerations	1
	2.2	Foundation and Floor Slab Design	2
	2.3	Recommendations for Additional Evaluation	2
3.0	Site	Description	3
	3.1	Surface Characteristics	3
	3.2	Subsurface Conditions	3
	3.3	Groundwater Conditions	3

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Figure

1 Boring Location Plan

Appendices

- A Geotechnical Report Limitations
- B Field Exploration Program and Laboratory Testing
- C Boring Logs and Abandonment Forms
- D Particle Size Distribution Reports

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1.0 PROJECT DESCRIPTION

The property located on **Figure 1** is being considered for an expansion of the Village of DeForest business park. An area on the order of 86 acres is planned for development. The locations and elevations of buildings, pavements, and utilities have not been determined.

The limitations of this preliminary geotechnical report are discussed in **Appendix A**. The field exploration program and laboratory soil testing performed for this project are described in **Appendix B**.

2.0 PRELIMINARY GEOTECHNICAL RECOMMENDATIONS

In our opinion, based on the 7 preliminary geotechnical borings drilled to a depth of 20 feet below ground surface (bgs), the site appears to be suitable for construction of the proposed business park expansion. Groundwater was encountered in 3 of the borings near elevations 927 to 929 feet above mean sea level (amsl), approximately 12 to 18 feet bgs. No bedrock was encountered in the preliminary borings. In our opinion, the soils encountered in the borings below the topsoil are suitable for reuse as compacted engineered fill if properly graded into uniform thin lifts and moisture conditioned to attain recommended dry density values.

2.1 SITE PREPARATION AND EXCAVATION CONSIDERATIONS

We recommend stripping vegetation and topsoil from the pavement and building areas to a minimum of 5 feet beyond the construction limits. The topsoil thickness ranges from approximately 8 to 17 inches in the preliminary borings. Topsoil is not recommended for reuse as compacted fill below pavement or buildings and should be reserved for landscaping purposes.

In our opinion, the soils encountered in the preliminary borings below the topsoil layer from site cuts can be used as engineered fill. Use of a granular (sand and/or gravel) fill is recommended because it is more easily compacted, particularly during wet weather. Removal of larger cobbles may be required before soil from site cuts can be used as engineered fill. Silt and/or clay fill is more likely to require moisture conditioning, usually by drying, to achieve adequate compaction.

Bedrock was not encountered during drilling of the preliminary borings so bedrock removal is not anticipated during excavation to the maximum exploration depth of 20 feet in the borings.

Groundwater elevations were near 927 to 929 feet amsl in the borings in August 2012. Seepage into excavations extending 1 to 2 feet below groundwater can likely be controlled by pumping from filtered sumps. Installation of well points will likely be required to control seepage into excavations extending more than 1 to 2 feet below groundwater.

We recommend that excavation sidewalls be cut back to provide slopes that conform with the U.S. Occupational Safety and Health Administration (OSHA) requirements. Temporary sheathing and bracing or a trenching shield should be used for utility installation in accordance with OSHA requirements.

2.2 FOUNDATION AND FLOOR SLAB DESIGN

In our opinion, the site generally appears suitable for the use of spread foundations and floor slabs-on-grade. Floor slabs should be established a minimum of 2 feet above groundwater unless waterproofing measures are incorporated in the building design. Floor slabs within 2 feet of groundwater will require an under floor lateral drainage system and installation of water stops at construction joints, as well as an evaluation of hydrostatic uplift resistance. For preliminary planning purposes, we recommend establishing basement floor slabs at elevation 932 feet amsl or above. Prior to the final design of basement floor slabs, we recommend installing groundwater level observation wells to confirm the groundwater elevation.

We recommend placement of a 6-inch-thick layer of clean granular soil below the basement or other floor slabs-on-grade to cutoff the rise of soil capillary moisture and to provide a uniform bearing layer. Clean granular soils include washed crushed stone, washed sand, and concrete fine aggregate. We recommend installation of a 4- to 6-mil-thick vapor barrier over the clean granular soil.

A membrane or other capillary break should also be considered for installation over the top of spread foundations to separate them from the foundation walls or basement walls. The purpose of the capillary break is to prevent the capillary rise of soil moisture through the foundations and up into the building walls, particularly in areas where groundwater may be near the foundation grade.

2.3 RECOMMENDATIONS FOR ADDITIONAL EVALUATION

We recommend supplemental subsurface exploration and geotechnical analysis after the locations, elevations, and additional design details for the proposed business park expansion become available.

When site development gets underway, we recommend construction monitoring by a geotechnical engineer or engineering technician during the following phases:

- Topsoil stripping, and building and pavement subgrade preparation
- Fill placement and compaction
- Foundation excavation

3.0 SITE DESCRIPTION

3.1 SURFACE CHARACTERISTICS

The business park expansion site is located near U.S. Highway 51 as shown on **Figure 1**. The Yahara River is near the western boundary of the site. The topography is rolling with ground surface elevations ranging from approximately 940 to 955 feet amsl at the preliminary boring locations. The site was farm fields planted in corn and hay at the time of drilling in August 2012.

3.2 SUBSURFACE CONDITIONS

The site is overlain with approximately 8 to 17 inches of brown topsoil at the 7 preliminary boring locations. The boring logs are contained in **Appendix C**. The topsoil is underlain by approximately 1.5 to 5.5 feet of medium stiff to hard, mottled brown to gray lean clay. At borings B3 and B7, the lean clay is underlain by a 2-foot-thick layer of very soft to medium stiff, brown silt.

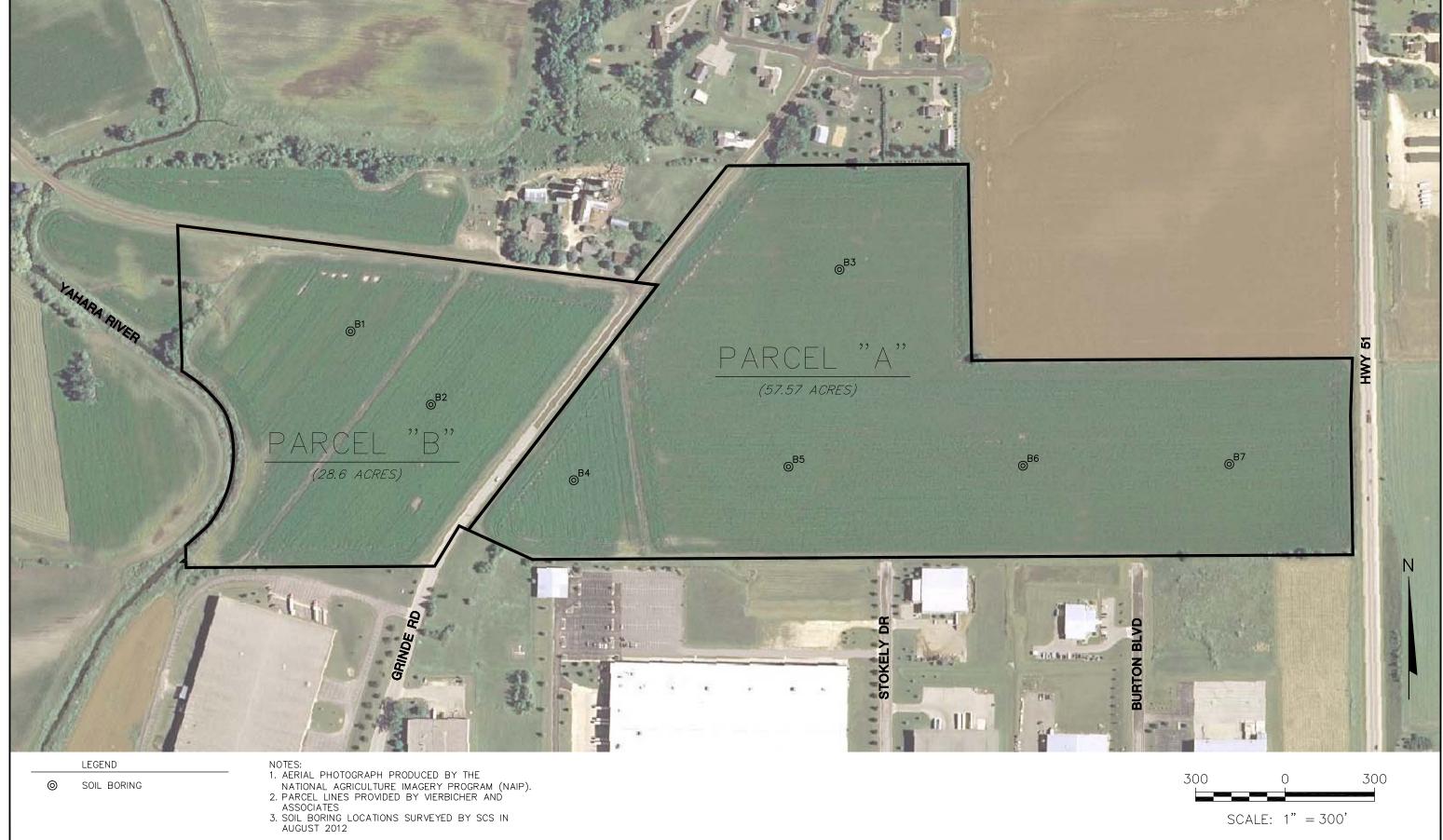
Beginning at depths of approximately 3 to 8 feet bgs, the clay and silt layers are underlain by brown sands to the ends of the borings at 20 feet bgs. The sands are typically silty with gravel and scattered cobbles. Based on the Standard Penetration Resistance values, we estimate that the in-situ relative density of the sands ranges from loose to dense. Particle size distribution reports for representative borehole sand samples are contained in **Appendix D**.

3.3 GROUNDWATER CONDITIONS

Groundwater level observations during and shortly after drilling the borings are noted at the top of the boring logs in **Appendix C**. Groundwater was encountered in 3 of the 7 borings that were each drilled to a depth of 20 feet bgs. The approximate groundwater elevations in the borings ranged from 927 to 929 feet amsl, corresponding to depths of approximately 12 to 18 feet bgs, during drilling in August 2012. Groundwater levels can vary due to changes in precipitation, infiltration, runoff, temperature, pumping rates at nearby wells, the water level of the nearby Yahara River, and other factors.

FIGURE 1

Soil Boring Location Plan



SOIL BORING

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2830 DAIRY DRIVE MADISON, WI 53718-6751 PHONE: (608) 224-2830

VILLAGE OF DEFOREST DEFOREST, WISCONSIN

DEFOREST NORTH BUSINESS PARK DEFOREST, WISCONSIN

BORING LOCATION PLAN

SCALE: 1" = 300'

FIGURE

I:\25212211\Drawings-General\BORING LOCATION PLAN.dwg, 8/30/2012 8:43:57 AM

APPENDIX A

Goetechnical Report Limitations

Geotechnical Report Limitations

The purpose of this report is to assist in the preliminary evaluation of the property described. The scope of services included a soils exploration program and preparation of preliminary geotechnical recommendations for earthwork aspects of site development including grading, utility installation, road construction, and building foundation and floor slab construction. Generally and currently accepted soil and foundation engineering practices were used to develop this preliminary geotechnical report. This warranty is in lieu of all other warranties either expressed or implied.

Interpretation of subsurface information from the soil borings and laboratory testing program was used to develop the opinions and recommendations presented in this report. There may be variations in soil conditions between or beyond the borings that are not addressed by this report. Groundwater levels can change over time. Additional soil borings and geotechnical evaluation are recommended as the design locations, elevations, and details of the development become available.

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APPENDIX B

Field Exploration Program and Laboratory Testing

Field Exploration Program and Laboratory Testing

Seven preliminary geotechnical exploratory borings were drilled on August 2, 2012, at the locations shown on Figure 1. Drilling was performed by Soil Essentials of New Glarus, Wisconsin. Hollow-stem augers were used to advance the boreholes. Soil samples were obtained in accordance with the Standard Penetration Test (ASTM D1586) using a split-spoon sampler. Boreholes were abandoned in accordance with Wisconsin Department of Natural Resources (WDNR) requirements.

The boring locations and the drilling depths were selected by SCS BT Squared (SCS) in consultation with the Village of DeForest. The boring locations were field located and marked by SCS. SCS also obtained the ground surface elevations at the boring locations. The surface elevations were derived utilizing Global Positioning System (GPS) survey procedures. The elevation datum for the survey is based upon the North American Vertical datum of 1988 (NAVD 88).

After completing the field exploration, a geotechnical engineer reviewed the driller's field logs for the borings and visually classified the soil samples in accordance with the Unified Soil Classification System (ASTM D2487). Laboratory testing was performed by CGC, Inc., of Madison, Wisconsin, on selected soil samples to determine the index properties of the soils. Testing consisted of water content, Atterberg limits, and sieve analyses. The test results are shown on the boring logs in Appendix C and on the particle size distribution reports in Appendix D. Water level measurements made in the boreholes during and shortly after drilling are shown at the top of the logs. The stratification lines on the boring logs represent the approximate boundary between soil types, and the transition may actually be gradual.

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APPENDIX C

Boring Logs and Abandonment Forms

KEY FOR SOIL BORING LOGS

USCS SYMBOLS

O O O O O O O O Iitt

GW - Gravel, well graded, little or no fines



GP - Gravel, poorly graded, little or no fines



GM - Silty gravel



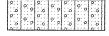
GC - Clayey gravel



SW - Sand, well graded, little or no fines



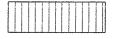
SP - Sand, poorly graded, little or no fines



SM - Silty sand



SC - Clayey sand



ML - Silt



CL - Lean clay, low plasticity



OL - Organic silt



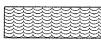
MH - Elastic silt



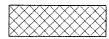
CH - Fat clay, high plasticity



OH - Organic clay

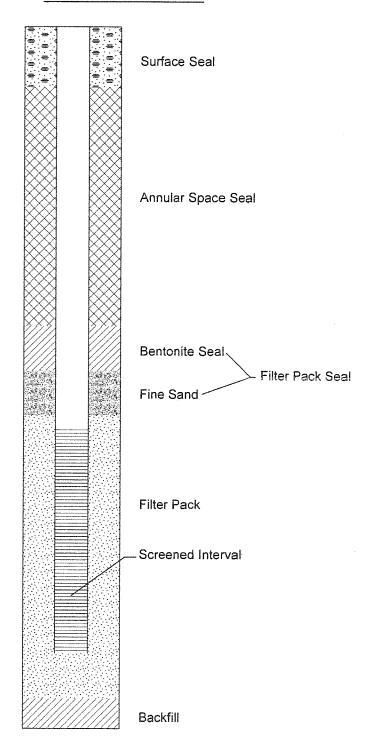


PT - Peat, humus, soils with high organic content



FILL - Materials placed by man, variable content

MONITORING WELL CONSTRUCTION



NOTES

- 1) Boring logs show the conditions encountered at the specific time and location the boring was advanced. Conditions may change with time and may be significantly different at other locations, even in close proximity to the boring location.
- 2) Soil samples were collected only in the intervals shown on the boring logs. Geologic information shown between sampling depths is inferred.
- 3) USCS classification of soil samples is based on the visual-manual procedure (ASTM D-2488). Unless geotechnical laboratory data are shown on the boring log or included elsewhere in the report, the USCS classifications have not been confirmed through laboratory testing.

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Signature Del Nelson

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SCS BT Squared

This form is authorized by Chapters 281,283,289,291,292,295,and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture between \$10 and \$25,000, or imprisonment for up to one year, depending on 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.

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S6	9	26	20	Bentonite Note: Pock tons per sq Penetratior LL=Liquid I PI=Plasticil	_imit			9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				w	28.2	WC=12:2	

This form is authorized by Chapters 281,283,289,291,292,295,and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture between \$10 and \$25,000, or imprisonment for up to one year, depending on 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.

SCS BT Squared

	of Wisco		al Resou	rces	ite To: Watershed/Wastev Remediation/Rede Waste Managemer	v.	ther				4400-		JOG I	INF O	RMATION 7-9 Page	
acility	y/Project lustrial F	Name Park E	xpansion	Y	SCS# 25	212211.00	License	/Permi	t/Monito	ring N	lumber		Borin	ng Nur	nber	
Boring	Drilled	By (Fi	rm name a	and name of crew		4202 33:30:31	Drilling 08/	Starte 02/12	d		lling C 08/02/	omplete 12	-	1	ng Method HSA	
NR F	acility V	Vell No	. WIU	Inique Well No.	Common Well N	ame	Static V	Vater L et	evel	Sur	face El 954.7	evation Feet		Borel 8 Inc	Borchole Diam. 8 Inches	
tate P			of Section	on 8, T. 9 N., R.	10 E.		Lat. Long.			-	al Gric	l Locati	on (If	applica		
ounty						DNR C	ounty Co	ode	Civil T	own/C	ity/or	Village				
San		1					,,,	17			10.47	Soil	Proper	ties		
Number	Length Recovered	Blow Counts	Depth in Feet		Soil/Rock Descript nd Geologic Origit Each Major Uni	n For		USCS	Graphic Log	Well Diagram	Max. PID/FID	Standard Penetration	Moisture Content	P200	RQD/ Comments	
7	7.1	Ţ.	4 -		ID, Fine, Brown (SM	0 0 0 0						I tomorrow to		
S1	14	8	<u> </u>	LEAN CLA	based on driller's description) LEAN CLAY with FINE SAND, Mottled Brown, Hard							(4.4)	M		WC=16.6	
S2	12	8	5—	LL=42%, P		n, Medium		ML					м		WC=13.5	
S3	15	42	_	SAND, Fine	e to Coarse, with own, Dense, Scat								М			
S4	15	43	10					6P-SM	1916 1916 1916 1916				М			
S5	6	39	15	Gravel, Bro	SILTY SAND, Fine to Medium, with Gravel, Brown, Medium Dense to Der Scattered Cobbles								м			
S6	20				meta Co		SM					м				
End of Boring at 20'; abandoned wind bentonite Note: Pocket Penetrometer reading tons per square foot is in Standard Penetration column. LL=Liquid Limit PI=Platicity Index WC=Water Content(%)			reading in													

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

Signature Des Nelson

Firm

SCS BT Squared

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Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08)

Page 1 of 2

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, 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. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Verification Only o	f Fill and Sea	Proment of	o: nking Water iste Managemer	periodican	Watershed/W	'astewater	Remed	iation/Redev	elopment
1. Well Location Inform	ation			2. Facility	// Owner Ini	omation			
	VI Unique Well # Removed Well	of Hicap#	nd Common and an employed so which which are made under the second sound of the second sound sou	Facility Nan	18				orio sveterioristatas kantinus more
Lattitude / Longitude (Degre	es and Minutes)	- — Method Code (si	ae instructions)	Facility ID (F	FID or PWS)	ANTONIO PORTECTION ANTONIO PROPERTY OF THE PRO	et elikkov kepitanaran oliktiikki ettiinistii soteen aikki eelektiin	R	J
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or Gov't Lot#	· ·	Name of the same o	Ħw	Present We	H Charles	angrojayvanakin kirjavosini i kelendidi biriskos	politicals for the south free in the few temperature in the contract of the co		
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Windsor	idum kansusinkaankontaansisinja kusikkykatooiiiin sykkäkkyä joon käykit			City of Pres			State	ZIP Code	
Subdivision Name		Lot #		Defore			WI	535	74
Reason For Removal From	Sasias M/IIIaia	ue Well # of Doni	nnnant Walall	4. Pump,	Liner, Scree	n, Casing (k Sealing Mate	rial	
VU longer New	1 1	do mon a di repi	accinonit 44011	Pump an	d piping remo	ved?		Yes \square_{No}	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
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	4	nstruction Date (r	nm/dd/yyyy)	Screen re	emoved?		e de la companya de l	Yes \square No	Francisco.
Monitoring Well	<u> </u>	7-2-12	255 halinista hatamantaka akai akai (kan kakanakin kakasalinni laskissa kitas	Casing le	ft in place?		burned burned	Yes LINO	ch-viceconte-dayateathroughton-we-
Water Well Borehole / Drillhole	If a Well Co	onstruction Repor	t is available,	Was casi	ng cut off belo	w surface?	gepartition	Yes LINO	M NA
Construction Type:	i higase arra		ALL CHEMOLOGY CONTRACTOR OF THE PROPERTY OF TH		ng material ris			Yes LINC	NAMES CAN
Estated Sections	ven (Sandpoint)	Dug			rial settle after		Francis	Yes Kinc	Security 1
Other (specify):					, was hole ret te chips were u r from a knowr		ev hydrated -	Yes LINO	
	li Color Manusco del Trata con esta esta esta esta esta esta esta esta		antinodattiinaatiyoottoi eepinaayaa qoosyaayaaya		CONTRACTOR OF THE PROPERTY OF	ga morgi pilototoling ilikova New Polenie in Georgia wegita wa	саменну какони Фоловического компонента установа и образувания	Yes LING	Q_{NA}
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Was well annular space grou	uted?	Yes X No	L Unknown	· ·		Vonitorina W	bentonite (all Boreholes On		
If yes, to what depth (feet)?	Depth	to Water (feet)		Appropriate	nite Chips	and a second	Bentonite - Cem		
		<u> </u>		☐ Granu	lar Bentonite		Bentonite - Sand	and a reserve and a second second second	strenten de proposition de la companya de la compa
5. Material Used To Fill We	all / Drillhole			From (ft.)	To (ft.)	No. Yards or Volun	Sacks Sealant re (circle one)	Mix Ra Mud W	tio or eight
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Name of Person or Firm Doir		ng License#	Date of Fill		g (mm/dd/yyy	y) Date Rec	eived No	ted By	
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Street or Route W6306 Hwy 30	<u> </u>		(ephone Nur SUS 52	7-2355	Comment	S		
City		State ZIP C		Signature of	Person Doing	3 Work		te Signed 劣〜サー/こ	
New Olarus	PON; ministratish damazi ngaparangasan angapara	W(6)	3574	The Designation	All more	er folgen versicht der Steine der Steine geber der Steine der Stei		0-7-16	(Plante de Arbeito de Colombia

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08)

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State

ZIP Code

Signature of Person Doing Work

Date Signed

Well / Drillhole / Borehole Filling & Sealing

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Signature of Person Doing Work

State

ZIP Code

Date Signed

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08)

Date Signed

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State

ZIP Code

Well / Drillhole / Borehole Filling & Sealing Form 3300-005 (R 4/08) Page 1 o

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		Route to:	THE PROPERTY OF THE PARTY OF TH				
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Windsor	entre kakalat tara ini ang kakalat kak		City of Pres	PERSONAL REPORT OF THE PERSON			ZIP Code
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Street or Route	\$	Te	lephone Nu	MARIE ES ES MARIES	Comments		
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State of Wis., Dept. of Natural Resources

Well / Drillhole / Borehole Filling & Sealing

Date Signed

dnr.wi.gov Form 3300-005 (R 4/08) Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, 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. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information. Route to: Remediation/Redevelopment Watershed/Wastewater Drinking Water Verification Only of Fill and Seal Waste Management Other: Facility / Owner Information 1. Well Location Information Facility Name WI Unique Well # of Hicap# County Removed Well Facility ID (FID or PWS) Lattitude / Longitude (Degrees and Minutes) Method Code (see instructions) License/Permit/Monitoring # Original Well Owner Township 1/4/1/4 Section Range E or Gov't Lot# N W Present Well Owner Well Street Address Mailing Address of Present Owner Grinde Rd Well ZIP Code Well City, Village or Town .Yahara windson State ZIP Code City of Present Owner _ot# Subdivision Name Veforest Pump, Liner, Screen, Casing & Sealing Material WI Unique Well # of Replacement Well Reason For Removal From Service Ves Pump and piping removed? longer lyes Liner(s) removed? 3. Well / Drillhole / Borehole Information Original Construction Date (mm/dd/yyyy) Screen removed? Monitoring Well Casing left in place? Water Well If a Well Construction Report is available, Was casing cut off below surface? Borehole / Drillhole please attach. Did sealing material rise to surface? No Construction Type: No Did material settle after 24 hours? M Drilled Driven (Sandpoint) Dug If yes, was hole retopped? If bentonite chips were used, were they hydrated with water from a known safe source? Other (specify): Required Method of Placing Sealing Material Formation Type: Conductor Pipe-Gravity Conductor Pipe-Pumped Unconsolidated Formation Bedrock Screened & Poured Other (Explain): Total Well Depth From Ground Surface (ft.) Casing Diameter (in.) (Bentonite Chips) 20-0 Sealing Materials Clay-Sand Slurry (11 lb./gal. wt.) Neat Cement Grout Lower Drillhole Diameter (in.) Casing Depth (ft.) Bentonite-Sand Siurry " " Sand-Cement (Concrete) Grout Bentonite Chips D No Unknown Was well annular space grouted? or Monitoring Wells and Monitoring Well Boreholes Only: Depth to Water (feet) Bentonite Chips If yes, to what depth (feet)? Bentonite - Cement Grout Bentonite - Sand Slumv Granular Bentonite No. Yards, Sacks Sealant Mix Ratio or To (ft.) 5. Material Used To Fill Well / Drillhole From (ft.) or Volume (circle one) **Mud Welaht** 0.0 Surface **DNR Use Only** 7. Supervision of Work Date of Filling & Sealing (mm/dd/yyyy) Date Received Noted By Name of Person or Firm Doing Filling & Sealing Comments Street pr Route Telephone Number

ZIP Code

State

Well / Drillhole / Borehole Filling & Sealing

Date Signed

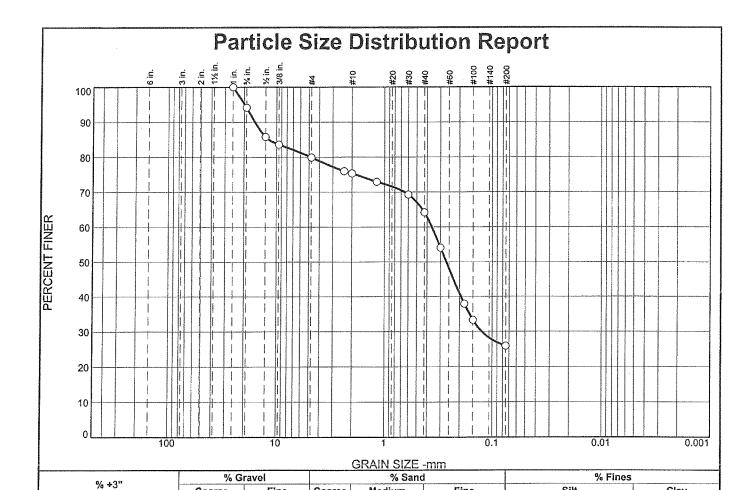
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State

ZIP Code

APPENDIX D

Particle Size Distribution Reports



Medium

11.1

Fine

38.3

SIEVE	PERCENT	SPEC.*	PASS?
SIZE	FINER	PERCENT	(X=NO)
1	100.0		
3/4	94.1		
1/2	85.8		
3/8	83.6		
#4	79.9		
#8	76.0		
#10	75.3		
#16	72.9		
#30	69.3		
#40	64.2		
#50	54.1		
#80	37.9		
#100	33.3		
#200	25.9		
L			

Coarse

5.9

Fine

14.2

Coarse

4.6

Material Description					
Brown Fine to Medium Sand, Some Silt and Gravel					
PL=	Atterberg Limits LL=	Pl=			
D ₉₀ = 15.8994 D ₅₀ = 0.2650 D ₁₀ =	Coefficients D85= 11.8838 D30= 0.1244 Cu=	D ₆₀ = 0.3618 D ₁₅ = C _c =			
USCS= SM	Classification AASHTC)=			
Remarks Natural Moisture = 12.3% (No charge)					

Silt

25.9

Clay

* (no specification provided)

Sample Number: B1 S5

0.0

Depth: 13.5-15'

Date: 8/9/12

CGC, Inc.

Client: SCS/BTSquared

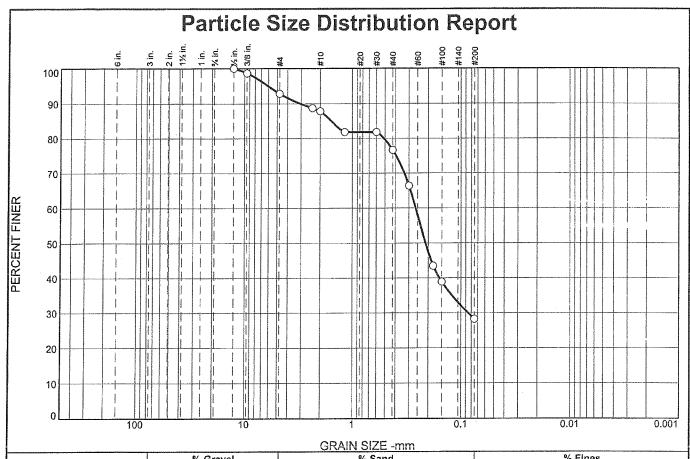
Project: Industrial Park Expansion (Deforest, WI) Site Assessment (SCS#

25212211.00)

Project No: C11086-16

Figure

Checked By: DAS Tested By: DRW



% +3"		- II	% Gravel		1	% Sand		% Fines	
		3"	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
	0.0		0.0	7.1	5.1	11.1	48.5	28.2	
	SIEVE	PERCENT	SPEC.*	PAS	S?		Material	Description	
	SIZE	FINER	PERCENT	(X=N	0)	Brown I	ine to Medium Sa	nd, Some Silt, Little Gra	vel
	1/2	100.0							
	3/8	98.7							
	#4	92.9					Attauh	ana limita	
	#8	88.8					Attent	erg Limits	

PL=

	1/2	100.0	
	3/8	98.7	
	#4	92.9	
	#8	88.8	
	#10	87.8	
	#16	81.8	
	#30	81.8	
	#40	76.7	
	#50	66.4	
	#80	43.5	
ì	#100	38.9	
	#200	28.2	
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ı			

(no specification provided)

Sample Number: B6 S6

Depth: 18.5-20'

Date: 8/9/12

PI=

CGC,Inc.

Client: SCS/BTSquared

Project: Industrial Park Expansion (Deforest, WI) Site Assessment (SCS#

LL=

Natural Moisture = 12.2% (No charge)

25212211.00)

Project No: C11086-16 Figure

Tested By: DRW Checked By: DAS