SCS ENGINEERS

April 15, 2014 File No. 25213180.06

Mr. Woody Myers Wisconsin Department of Natural Resources 3911 Fish Hatchery Road Fitchburg, WI 53711



Subject:

Summary of Vapor Intrusion Assessment

Former Nemitz Laundry

614 Michigan Avenue, Wisconsin Dells, Wisconsin

BRRTS #02-11-537751

WDNR Purchase Order #NMD00000631

Dear Mr. Myers:

SCS Engineers (SCS) is providing the following summary for a vapor intrusion assessment performed for the Former Nemitz Laundry project. SCS was contracted for the assessment under the Vapor Intrusion Zone Contract (VIZC), Wisconsin Department of Natural Resources (WDNR) Purchase Order #NMD00000631.

METHODS

The assessment was performed consistent with SCS's November 27, 2013 quote and the provisions of the VIZC. Our original scope of work assumed sampling at seven locations; however, owners for 925 Church Street, 927 Capital Street, and 931 Capital Street did not approve access for the sampling. We acquired access permission and sampled homes at 916, 920, 921, and 1001 Church Street.

All sub-slab samples were collected over a 30-minute time period, and all ambient air samples were collected over a 24-hour time period. Shut-in and water dam leak tests were performed prior to sub-slab sample collection. Samples were collected March 17-18, 2014. Sampling for each property is summarized below, and sample locations are shown on Figure 1.

916 Church Street

- Installed and sampled one sub-slab probe
- Collected one indoor air sample

920 Church Street

- Installed and sampled one sub-slab probe
- Collected one indoor air sample
- Collected one outdoor air (background) sample

Mr. Woody Myers April 15, 2014 Page 2

921 Church Street

- Installed and sampled one sub-slab probe
- Collected one indoor air sample

1001 Church Street

- Installed and sampled one sub-slab probe
- Collected one indoor air sample

Photos from each sample location are included in Attachment A. Field and laboratory chain of custody forms, and sketches of indoor sample locations are included in Attachment B.

Samples were transported to the Wisconsin State Laboratory of Hygiene for volatile organic compound (VOC) analysis via method TO-15. Samples were analyzed for tetrachloroethene (PCE), trichloroethene (TCE), cis-1,2-dichloroethene (cis-1,2-DCE), trans-1,2-dichloroethene (trans-1,2-DCE), and vinyl chloride. Laboratory reports are included Attachment C.

FINDINGS

Analytical results and applicable regulatory standards are provided in Tables 1 and 2 and summarized below:

- PCE was the only VOC detected in any of the sub-slab samples.
- Sub-slab sample PCE concentrations do not exceed the WDNR's Residential Vapor Risk Screening Level.
- VOCs were not detected in any of the ambient indoor air samples or the background sample.

Please feel free to contact me at 608-216-7329 if you have any questions regarding this letter.

Sincerely,

Robert Langdon

Senior Project Manager

Bobut E Jang L

SCS ENGINEERS

REL/lmh/TK

Attachments: Table 1 – Sub-Slab Vapor Analytical Results Summary – Off-Site Properties

Table 2 – Ambient Air Analytical Results Summary – Off-Site Properties

Figure 1 – Vapor Assessment Sample Location Map

Attachment A – Photos

Attachment B - Field and Laboratory Chain of Custody Forms

Attachment C – Laboratory Report

TABLES

- 1 Sub-Slab Vapor Analytical Results Summary-Off-Site Properties
- 2 Ambient Air Analytical Results Summary-Off-Site Properties

Table 1. Sub-Slab Vapor Analytical Results Summary - Off-Site Properties Nemitz Laundry Site, Wisconsin Dells, Wisconsin / SCS Engineers Project #25213180.06

(Results are in ppbv)

Sample	Date	Lab Notes	PCE	TCE	cis-1,2- DCE	trans-1,2- DCE	Vinyl Chloride
916 Church Street	3/18/2014		3.1 F	<2.1	<2.1	<2.1	<2.1
920 Church Street	3/18/2014		3.8	<0.85	<0.85	<0.85	<0.85
921 Church Street	3/18/2014		6.6	<0.43	<0.43	<0.43	<0.43
1001 Church Street	3/18/2014		2.6	<0.085	<0.085	<0.085	<0.085
Vapor Risk Screening Leve	el (Residential)		62	3.9	NE	160	6.2

Abbreviations:

ppbv = parts per billion by volume

PCE = tetrachloroethene

TCE = trichloroethene

cis-1,2-DCE = cis-1,2-dichloroethene

trans-1,2-DCE = trans-1,2-dichloroethene

NE = not established

Notes:

- 1. Samples were collected in 6-liter summa canisters over a 30-minute period and analyzed using the USEPA TO-15 analytical method.
- 2. Vapor Risk Screening Levels are Target Indoor Air Concentrations from the USEPA November 2013 Regional Screening Level Summary Table divided by Attenuation Factor of 0.1 for residential settings.
- 3. Target Indoor Air Concentrations assume a target risk for carcinogens of 1.00E-05.

Laboratory Notes/Qualifiers:

F next to result = Result is between level of detection and level of quantification.

 Created by:
 LMH
 Date:
 4/9/2014

 Last revision by:
 LMH
 Date:
 4/9/2014

 Checked by:
 TLC
 Date:
 4/9/2014

I:\25213180\25213180.06\Tables\[Off-Site_Sub-Slab_Results.xls]Sub-Slab Results

Table 2. Ambient Air Analytical Results Summary - Off-Site Properties Nemitz Laundry Site, Wisconsin Dells, Wisconsin / SCS Engineers Project #25213180.06

(Results are in ppbv)

Sample	Date	PCE	TCE	cis-1,2- DCE	trans-1,2- DCE	Vinyl Chloride
916 Church Street	3/17/2014	<2.1	<2.1	<2.1	<2.1	<2.1
920 Church Street	3/17/2014	<0.085	<0.085	<0.085	<0.085	<0.085
921 Church Street	3/17/2014	<0.085	<0.085	<0.085	<0.085	<0.085
1001 Church Street	3/17/2014	<0.085	<0.085	<0.085	<0.085	<0.085
Background/Outdoor	3/17/2014	<0.085	<0.085	<0.085	<0.085	<0.085
Indoor Air Vapor Action Level (Residential)		6.2	0.39	NE	16	0.62

Abbreviations:

ppbv = parts per billion by volume cis-1,2-DCE = cis-1,2-dichloroethene PCE = tetrachloroethene

TCE = trichloroethene

trans-1,2-DCE = trans-1,2-dichloroethene

NE = not established

Notes:

- 1. Samples were collected in 6-liter summa canisters over a 24-hour period and analyzed using the USEPA TO-15 analytical method.
- 2. Indoor Air Vapor Action Levels are Target Indoor Air Concentrations from the USEPA November 2013 Regional Screening Level Summary Table with a target risk for carcinogens of 1.00E-05.

 Created by:
 LMH
 Date: 4/9/2014

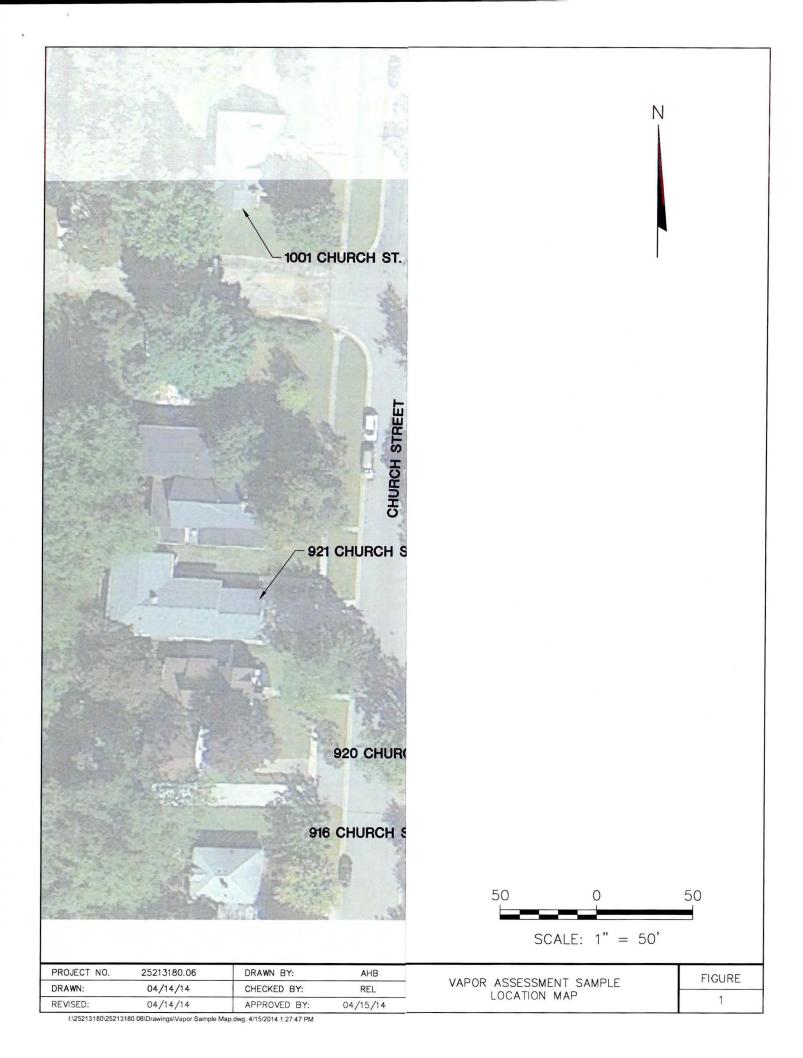
 Last revision by:
 LMH
 Date: 4/9/2014

 Checked by:
 TLC
 Date: 4/9/2014

I:\25213180\25213180.06\Tables\[Off-Site_Ambient_Air_Results.xls]Ambient Air Results

FIGURE 1

Vapor Assessment Sample Location Map



ATTACHMENT A

Photos



Photo 1: 916 Church Street – Location of indoor air sample.



Photo 2: 916 Church Street – Sub-slab sample collection.

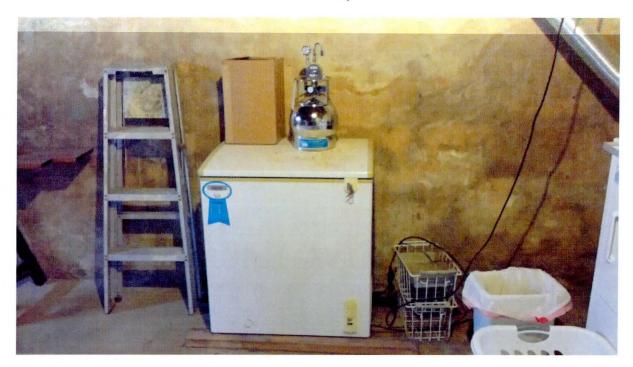


Photo 3: 920 Church Street – Location of indoor air sample.

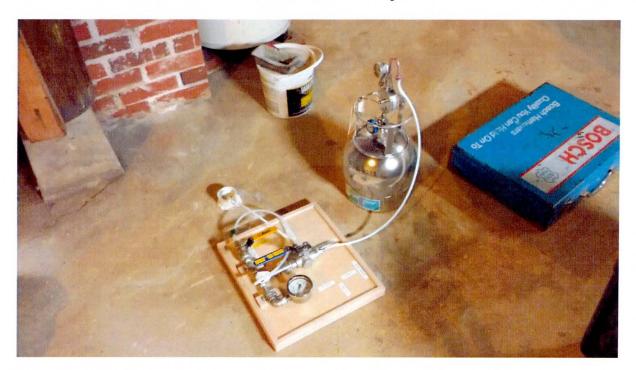


Photo 4: 920 Church Street – Sub-slab sample collection.

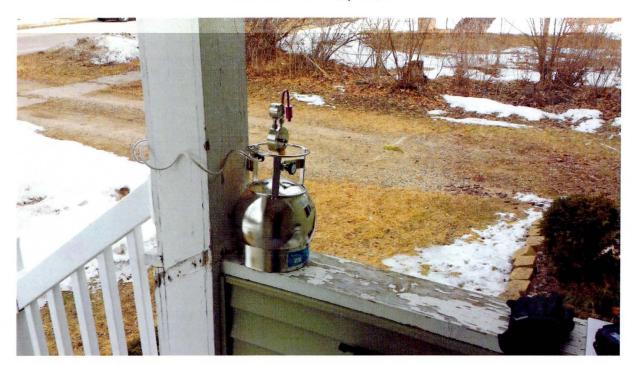


Photo 5: 920 Church Street – Location of background outdoor air sample.



Photo 6: 921 Church Street – Location of indoor air sample.

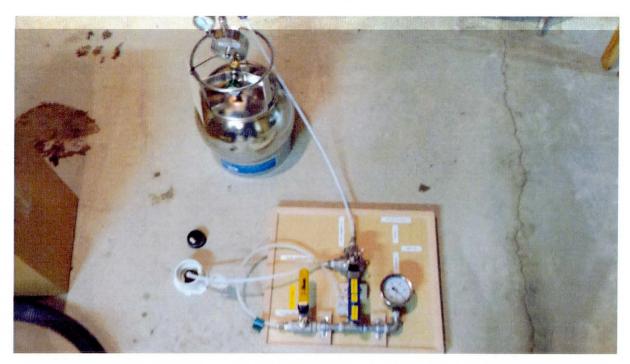


Photo 7: 921 Church Street – Sub-slab sample collection.

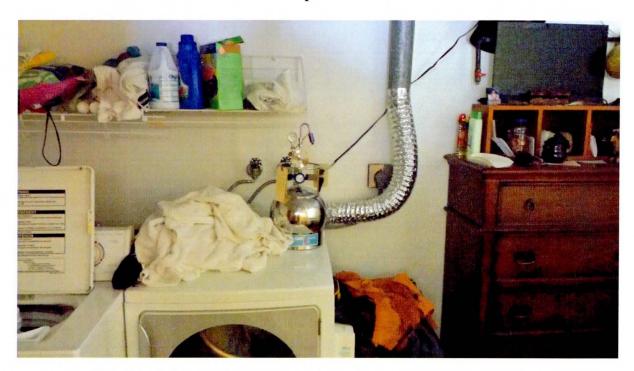


Photo 8: 1001 Church Street – Location of indoor air sample.



Photo 9: 1001 Church Street – Sub sample collection.

ATTACHMENT B

Field and Laboratory Chain of Custody Forms

PROJECT: Nentz Landy	SAMPLE ID: 5116 Chira-SI	TYPE (C	Circle One)*: SS(IA*)OA
PROJECT#: 2 1213180,06	SAMPLE INTAKE HEIGHT:	16'	NA for SS
LOCATION: WILL Delle WIT	APPROX PURGE VOLUME:	NY	NA for IA and OA
SAMPLER: SS-th	APPROX SAMPLING DEPTH:	WJ	NA for IA and OA
EQUIPMENT: Sec previous	spU		
•	,		

Instrument/Weather Readings

Date	Time	Canister Vacuum (" of Hg)	Temp (°F)	Relative Humidity (%)	Air Speed (mph)	Barometric Pressure (" of Hg)	PID Reading (ppm/ppbD
ろんつんを	1136	-30	25.0	63	13.8	79.95	420
31.8).4	1136	-2.5	37.9	70	17.3	29.85	

Summa Canister Information:

Sub-Slab Water Dam Test:

Canister Size:	1L	<u>(61)</u>	Test Passed:	Yes	No	
Canister ID# ESS - GOSS			NA)- FOR AMBIENT AIR SAMPLES			
Flow Controller ID#	< 34 (

General	Notes	Observations:
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Abbreviations:

NA = Not Applicable SS = Sub-Slab IA = Indoor Air

OA = Outdoor Air

PROJECT: Nonte Livery	SAMPLEID: 54 5105	TYPE (C	ircle One)*:(S\$) IA OA
PROJECT #: 25713180.0(SAMPLE INTAKE HEIGHT:	NA.	NA for SS
LOCATION: LACE, DONE WIT	APPROX PURGE VOLUME:	3.5L	NA for IA and OA
SAMPLER: S.SAL	APPROX SAMPLING DEPTH:	lo"	NA for IA and OA
EQUIPMENT: See pavice	5 ph		
*			

Instrument/Weather Readings

Date	Time	Canister Vacuum (" of Hg)	Temp (°F)	Relative Humidity (%)	Air Speed (mph)	Barometric Pressure (" of Hg)	PID Reading (ppn(ppb)
3/18/14	1447	-24	41.0	65	16-1	29.83	447
3/18/14	1219	-1	41.0	65	16-1	29.83	

Summa	Canister	Inf	formation:
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Sub-Slab	Water	Dam	Test:

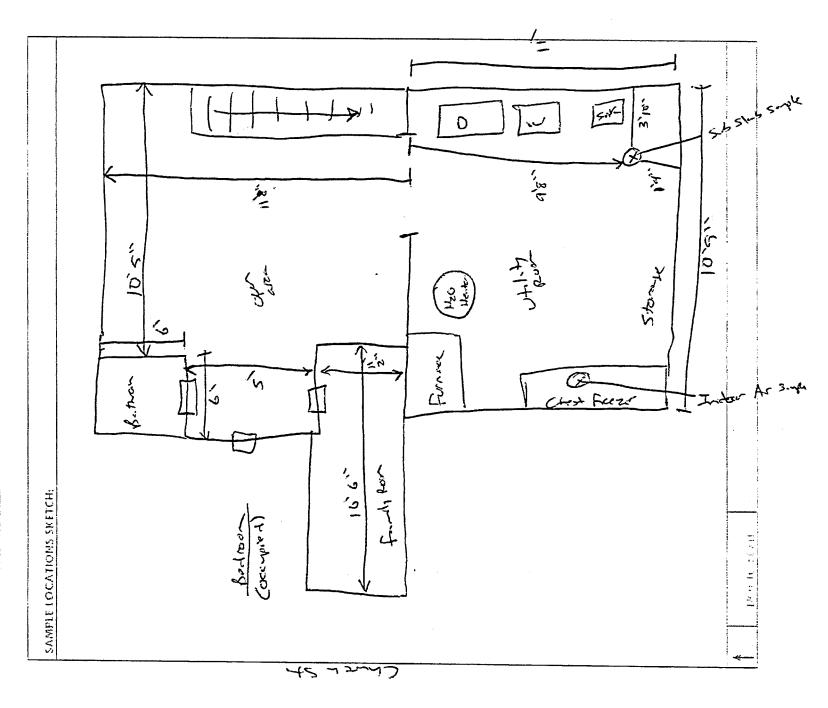
Canister Sizo:	11.	(6L)	Test Passed:	(Yes)	No
Canister ID# E	ss-6037		NA - FOR AMBIENT	AIR SAMPLES	
Flow Controller ID#	2235				

General Notes/Observations:

Backgrand ar = 19	61 ,0,06	.•	
	1,1		

Abbreviations:

916 Church St. 25213160.06 3/10/14 PROJECT ROOT 1193



PROJECT: Novite Loundy	SAMPLE ID: The Charlest	TYPE (Circ	le One)*: \$\$ (A)OA
PROJECT #: 25213180.06	SAMPLE INTAKE HEIGHT:	16	NA for SS
LOCATION: LUSC. A-115, WI	APPROX PURGE VOLUME:	~^	NA for IA and OA
SAMPLER: 5 Sm	APPROX SAMPLING DEPTH:	M	NA for IA and OA
EQUIPMENT: Six provious so	~p 4		······
•	•		

Instrument/Weather Readings

Date	Time	Canister Vacuum (" of Hg)	Temp (°F)	Relative Humidity (%)	Air Speed (mph)	Barometric Pressure (" of Hg)	PID Reading (ppn/ppb)
3/17/14	13/48	-28	33,1	37	17.3	25.84	146
3/18/14	1348	-1.5	46.0	54	12.7	24.82	i, et distance distance

Summa Canister Information:

Canister Size:	1L	<u>(61)</u>
Canister ID#	H-0001	
Flow Controller ID#	2434	

Sub-Slab Water Dam Test:

Test Passed:	Yos	No
NA - FOR AMBIENT A	VIR SAMPLES	

General Notes/Observations:

Abbreviations:

PROJECT: Nente Lemb	120 Chan	. \$4	
PROJECT: Nen-tz- Lamby	SAMPLE ID: Sub Slub	TYPE (Ci	rcle One)*: (\$\$) IA OA
PROJECT #: 257213180.01	SAMPLE INTAKE HEIGHT:	NA	NA for SS
OCATION: WISC. DIN, WI	APPROX PURGE VOLUME:	3.54	NA for IA and OA
SAMPLER: S.STL	APPROX SAMPLING DEPTH	16"	NA for IA and OA
EQUIPMENT: See 1:2	now sample		

Instrument/Weather Readings

Date	Time	Canister Vacuum (" of Hg)	Temp (°F)	Relative Humidity (%)	Air Speed (mph)	Barometric Pressure (" of Hg)	PID Reading (ppm/ppb)
3/18/14	1407	-2.8	46.0	54	12.7	79-82	2405
3/15/14	1437	-3.5	46.0	54	12.7	27.82	

Summa Canister Information:

Canister Size:	1L	(6L)
Canister ID# ES	5-6033	
Flow Controller ID#	2727	

Sub-Slab Water Dam Test:

Test Passed:	Yes	No
NA - FOR AMBIENT	AIR SAMPLES	

General Notes/Observations:

· Broksond	air = 246	٠.	;	*	 •	-
		TY				

Abbreviations:

PROJECT:	VIZC - Nemite Leanday	SAMPLE ID: Octave Ave	TYPE (Cir	cle One)*: SS IA (OA)
PROJECT #:	25213180.66	SAMPLE INTAKE HEIGHT:	16"	NA for SS
LOCATION:	WSC. Dens wit	APPROX PURGE VOLUME:	<u> </u>	NA for IA and OA
SAMPLER:	S.S.min	APPROX SAMPLING DEPTH:	W	NA for IA and OA
EQUIPMENT:	Sec privas	Sple		
	ě	•		

Instrument/Weather Readings

Date	Time	Canister Vacuum (" of Hg)	Temp (°F)	Relative Humidity (%)	Air Speed (mph)	Barometric Pressure (" of Hg)	PID Reading (ppm/ppb)
3/17/6	1353	-25	33.1	37	17.3	79.84	118
3/18/14	1330	0	43.0	62	13.8	29.81	

Summa Canister Information	Summa	Canist	ter Ini	forma	tion:
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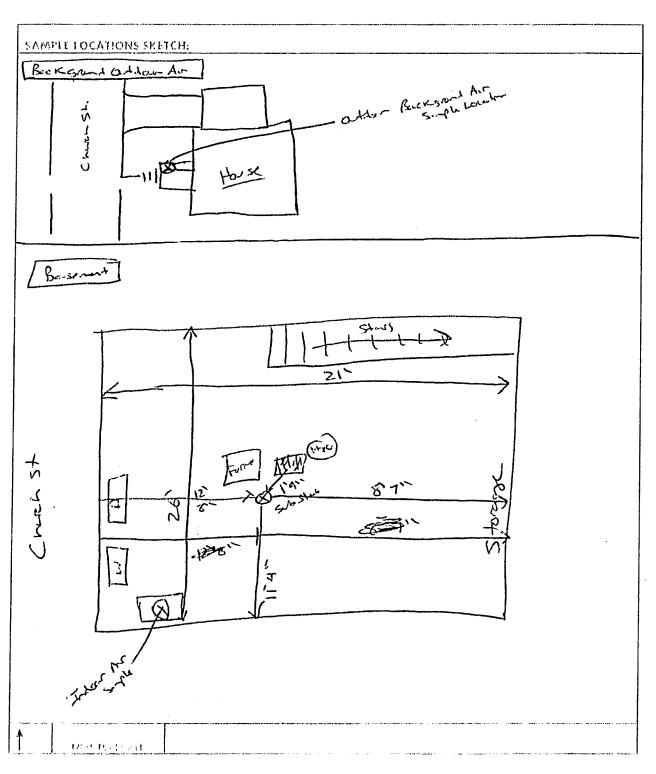
Sub-Slab Water Dam Test:

Canister Size:	1L	(dL)	Test Passed:	Yes	No
Canister ID#	ESS-GOIG		NA - FOR AMBIENT	AIR SAMPLES	
Flow Controller ID#	5400			- Andrew Control of the Control of t	

General I	Notes/O	bservations:
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Abbreviations:

25.213180.06 1240111111111111 Bergant attack Act



PROJECT: Nentz Landy	SAMPLEID: Indeed	SF TYPE (Ci	rcle One)*: SS (A) OA
PROJECT #: 252,3180,06	SAMPLE INTAKE HEIGHT:	16,,	NA for SS
LOCATION: LUDE. ANY, WIL	APPROX PURGE VOLUME:	NN	NA for IA and OA
SAMPLER: 5.5.12	APPROX SAMPLING DEPTH:	~It	NA for IA and OA
EQUIPMENT: See pirures	sample		

Instrument/Weather Readings

Date	Time	Canister Vacuum (" of Hg)	Temp (°F)	Relative Humidity (%)	Air Speed (mph)	Barometric Pressuro (" of Hg)	PID Reading (ppm/ppp)
3/17/14	1500	-29.5	33.1	3 %	17. 3_	29.51	624
3/18/14	1000	-3	46.0	54	13.8	201.79	

Summa Canister Information:

Canister Size:	11.	(6L)
Canister ID#	DH-011	
Flow Controller ID#	5834	

Sub-Slab Water Dam Test:

Test Passed:	Yes	No				
NA COD AMBIENT A	ID CAMPIEC					
(NA)- FOR AMBIENT AIR SAMPLES						

General Notes/Observations:

Abbreviations

VI2(-	921 Chuch S		
PROJECT: Nonto Lendy	SAMPLE ID: Sith Slan	TYPE (Cir	cle One)*:(\$\$) IA OA
PROJECT #: 25213150.06	SAMPLE INTAKE HEIGHT:	M	NA for SS
LOCATION: (Lings Del)	APPROX PURGE VOLUME:	3.54	NA for IA and OA
SAMPLER: S.STL	APPROX SAMPLING DEPTH:	10``	NA for IA and OA
EQUIPMENT: See pre vio	Saph		
, , , , , , , , , , , , , , , , , , ,	•		

Instrument/Weather Readings

Date	Time	Canister Vacuum (" of Hg)	Temp (°F)	Relative Humidity (%)	Air Speed (mph)	Barometric Pressure (" of Hg)	PID Reading (ppm/ppb)
3/18/14	1517	-27	43.0	62	13.8	29.81	1550
3)18)14	1547	-1	46.0	54	12.7	79.82	

Summa	Canister	Inf	ormo	ation:
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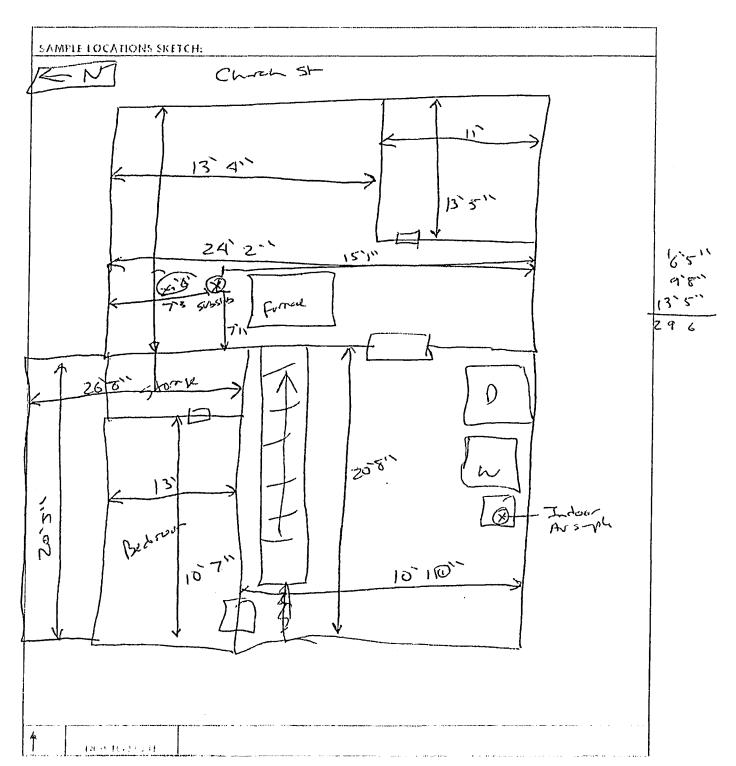
Sub-Slab Water Dam Test:

Canisier Size: IL OL	lest	Passea:		res)	(40		
Canister ID# £55 - 6021	NA -	NA - FOR AMBIENT AIR SAMPLES					
Flow Controller ID# 524.70							
General Notes/Observations:							
Bickgood ar = 674 pps	•		•	÷			
M							

Abbreviations:

11.04 (1100) 25213180:06 1/MILLIOCARONA 921 (Mich St.)

1611 3/16/14



PROJECT: Nimitz Limdy	SAMPLEID: 1001 Church	ېر TYPE (C	ircle One)*: SS(A)OA
PROJECT #: 25213 \ 20.06	SAMPLE INTAKE HEIGHT:	16'	NA for SS
LOCATION: WI DONS WI	APPROX PURGE VOLUME:	~ A	NA for IA and OA
SAMPLER: Suith	APPROX SAMPLING DEPTH:	NA	NA for IA and OA
EQUIPMENT: Some any flow co	wholer pellAE PID		
Eddin Mett. Break Comp 116 m Co	WHOLE I TO		

Instrument/Weather Readings

Date	Time	Canister Vacuum (" of Hg)	Temp (°F)	Relative Humidity (%)	Air Speed (mph)	Barometric Pressure (" of Hg)	PID Reading (ppm(ppb)
3/17/14	0921	-28	19.9	78	8.1	30.02	302
3/18/14	0921	-3.5	33.1	82	10.4	29.83	

Summa (Canister	Information
---------	----------	-------------

Sub-Slab Water Dam Test:

Canister Size:	<u>1L</u>	(6L)	Test Passed:	Yes	No
Canister ID# ESS	-6026		NA- FOR AMBIENT	AIR SAMPLES	
Flow Controller ID#	02222	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			

General Notes/Observations:

Brokgand Avr = 302 pph	

Abbreviations:

V.T.Z.c.	1001 Church St		The same of the sa
PROJECT: Nontz Landy	SAMPLE ID: Sis Slan	TYPE (Circ	tle One)*: \$\$ IA OA
PROJECT #: 25213170.00	SAMPLE INTAKE HEIGHT:	MH	NA for SS
LOCATION: LLISC. Dells, WIL	APPROX PURGE VOLUME: 7	5.54	NA for IA and OA
SAMPLER: S. S th	APPROX SAMPLING DEPTH:	× 10"	NA for IA and OA
EQUIPMENT: 5 Con Flore	duiter, 2007/12 PID. Su	مدرد والماد و	: full
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trong and fallings.			

Instrument/Weather Readings

Date	Time	Canister Vacuum (" of Hg)	Temp (°F)	Relative Humidity (%)	Air Speed (mph)	Barometric Pressure (" of Hg)	PID Reading (ppm/ppb))
3/18/14	०१४५	- 27	36,0	76	16.1	29.83	534
3)18/14	10 19	-2	36.0	76	16.1	29.83	

Summa (Canister	Inl	formation:
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Sub-Slab Water Dam Test:

Canister Size:	14	(6L)	Test Passed:	(Yes)	No
Canister ID#	DH-001	,	NA - FOR AMBIENT	AIR SAMPLES	
Flow Controller ID#	3 22 8				

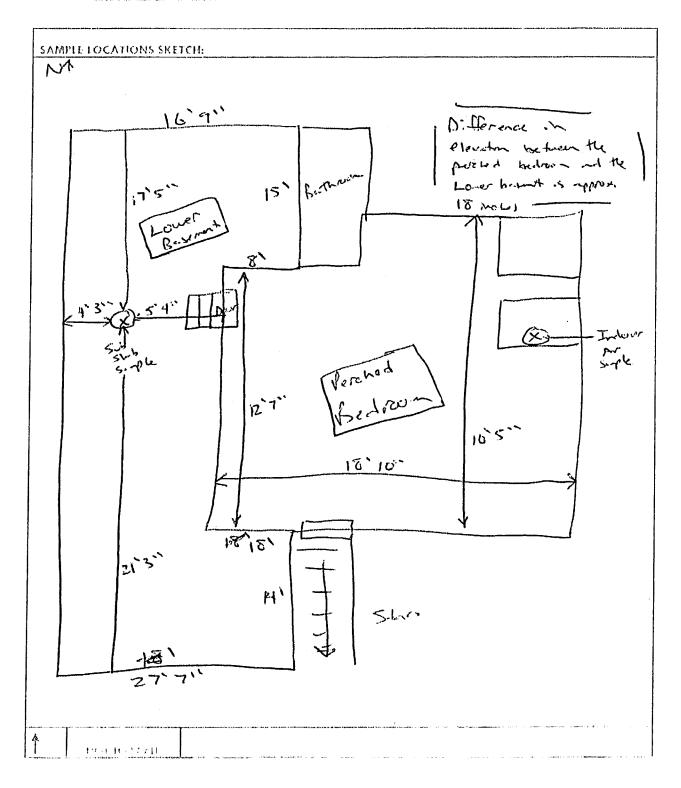
General Notes/Observations:

Bet word c	- 270 110	 •
	A CONTRACTOR OF THE CONTRACTOR	

Abbreviations:

140000100 #25313180-06 11 11MIH HIR SHOWN 1001 Church St

DATE 3/17/19



Church Sit

sc	CS Engineers - Daily Fic	eld Sheet	7					
Pr Pr	oject Name: VIZC-		- Lun 06	417				
Lo	cation: wise be	115,WI						
<u>sc</u>	S Engineers Field Pers	sonnel				Tion o		Total
	Name	Role	Time In	On Site	Off Site	Time Out	Break	Total Hours
1 2		FULL TECH	0700	08:50	15':15	16:30	0.5	9.0
2 3 4								
'		<u>.I</u>		<u>. </u>	<u> </u>	1		<u> </u>
<u>sc</u>	S Engineers Office/Add	<u>min Personn</u> Role	<u>el</u> Time In	Time Out	Break	Total Hours		
1								
2 3								
4								
5		1						
	bcontractor Personnel mpany:							
	Name	Role	Time In	On Site	Off Site	Time Out	Break	Total Hours
1						_		
2								
4								
Mai	terial Quantities	Description	Quantity	Unit				
ŀ								
	Other:							
Reg	ulatory or other persor							
	Name	A	ffiliation		On Site	Off Site		

SCS Engineers	-	Daily	Field	Sheet

Project Name:		Louising
Project Number	or: 3,52(3)80.06	
Date:	3/17/14	
Location:	with Drily, WI	

Site Description and Weather: Cloudy, way, cold, 16 5
Summary of Activities :
Onsite at 1001 Chan St Knowlyne assure Called - 1eft minge.
Parters son 101 - in at ONE , Set up inter an sixte us top of miley men
in house, should sight at onthe copy of your
916 CHALSh - Ower los de in Sed up somm can un top of
curs freezes in the whitey room oppose. I will is some. Shaded simply
at 1136. Loft s.tr
920 Church St Telled with homeoner, Set produce simple inter
at a clist faces - basemanty Approx 3 off ground a Stocked single ext
134 % 2
Brekgamid author Ar - Decided to set it you the fruit porch of 920
church 52 because the part is covered. Summer on obtained to
poiling appear 3° off grand. Stated complet 1353. Loft site
921 Churchest - Talked with home work He and three may be voice
directly ender state set in industrial simple topoficies forces
on landy area opports of the grand. Started a special 15:02.
Clearly and lots the sate from the day.
Site Conditions upon departure:
Field Sheet Completed by: Name: Strum Sn:47 Signature Three Short Date: 31,7114

SCS Engineers - Vapor Intrusion Contract I	<u>Equipment a</u>	nd Materia	<u>ls Usage</u>	·	
Project Name: VIZC- Non:+z	Lundry				,
Proj No: 25213180-06				Date: 3/17/14	
V ehicles					
Trucks/Vans	Starting Mileage	Ending Mileage	Total Miles	Materials / Exp./Rented Equip.	Quantity
1 2003 Cheny S. Nordo	177,697	177, 825	128		
2 3	 				
					
Field Instruments	Full Day	Half Day			
Photo-Ionization Detector (PID)		T ×]		
Helium Meter (He)					
			-		
		-	1		
		<u> </u>	<u> </u>		
Field Sheet Completed by:				Λ	
Name: Steven S			Signature	Atura Somes	

S	CS Engineers - Daily Fie	eld Sheet]					
Pr	oject Name. VT2			-		1		
11	V J ZC	Ne-12		4-				
-	ate: 3/18/14	5140.00				ĺ		
Lo		114, WI.						
(Lames						-3		
S	CS Engineers Field Pers	sonnel				Time		Total
	Name	Role	Time In	On Site	Off Site	Out	Break	Hours
1	Steven Smith	Feld Tech	030	0835	1610	1730	Triange	10.0
3				-			-	
4								
	No.							
SC	CS Engineers Office/Adr	nin Personn	el	Time		Total		
	Name	Role	Time In	Out	Break	Hours		
1		A A CONTRACTOR OF THE PARTY OF						
2								
3								
4								
5		<u> </u>		L	L			
Su	bcontractor Personnel							
	mpany:							
						Time		Total
41	Name	Role	Time In	On Site	Off Site	Out	Break	Hours
2								
3								
4								
Ma.	terial Quantities	Description	Quantity	Unit				
[terial Quantities	Description	Guartity	O III				

	Other:							
L								
Rec	gulatory or other persor	The state of the s						
ء آڏ	Name	A	ffiliation		On Site	Off Site		
1 2								
2								

SCS Engineers - Vapor Intrusion Contract E	quipment a	nd Materia	ls Usage				
Project Name: VIZC-Nentz L	<u> </u>						
Proj No: 25213180.06	Date: 3/18/14						
Welstein							
Vehicles	Starting	Endina	Total Miles	Motorials / Eyn / Poutod Equip	Quantity		
Trucks/Vans	Starting Mileage	Ending Mileage	Total Miles	Materials / Exp./Rented Equip.	Quantity		
1 2003 Chay Silver-do	177 840	177,966	126				
2							
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Project Nam	ie: VIZc - Naritz	Louis	
Project Nun	nber: 23213180.06		
Date:	કોલ્કોલ્ન		
Location:	wise bells, wz		

Site Description and Weather:
Summary of Activities :
[1001 Church St - Took and for county to get let me county in gen. bt
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chain of custody: Relinquished

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ceived: attien



Wisconsin State Laboratory of Hygiene 2601 Agriculture Drive, PO Box 7996 Madison, WI 53707-7996 (800)442-4618 - FAX (608)224-6213 http://www.slh.wisc.edu

Laboratory Report

D.F. Kurtycz, M.D., Medical Director - Charles D. Brokopp, Dr.P.H., Director

Environmental Health Division

WDNR LAB ID: 113133790

NELAP LAB ID: E37658

EPA LAB ID:

WI00007

WI DATCP ID: 105-415

WSLH Sample: 123970001

Report To:

STEVE SMITH - SCS SCS ENGINEERS 2830 DAIRY DRIVE MADISON, WI 53718 Invoice To:

RON ARNESON

WISCONSIN DEPARTMENT OF NATURAL

Customer ID:

RR043

Field #:

1001 CHURCH ST - INDOOR

Project No:

NEMITZ LAUNDRY

Collection End: 3/18/2014 9:21:00 AM

Collection Start: 03/17/14 09:21

Collected By: STEVEN SMITH

Date Received: 3/19/2014 Date Reported: 3/31/2014

Sample Reason:

ID#:

Sample Location:

Sample Description:

Sample Type: AI-INDOOR AIR

Waterbody: Point or Outfall:

Sample Depth: Program Code:

Region Code:

County:

OC-Volatiles

Analyte		Analysis Method	Result	Units	LOD	LOQ	
Prep Date 03/26/14	Analysis Date 03/26/14						
Vinyl chloride		EPA TO-15	ND	ppbv	0.085	0.28	
trans-1,2-Dichloroethene		EPA TO-15	ND	ppbv	0.085	0.28	
cis-1,2-Dichloroethene		EPA TO-15	ND	ppbv	0.085	0.28	
Trichloroethene		EPA TO-15	ND	ppbv	0.085	0.28	
Tetrachloroethene		EPA TO-15	ND	ppbv	0.085	0.28	

The water microbiology unit analyzes samples as received and not all samples are tested for preservation before analysis is performed.

List of Abbreviations:

LOD = Level of detection

LOQ = Level of quantification

ND = None detected. Results are less than the LOD

F next to result = Result is between LOD and LOQ

Z next to result = Result is between 0 (zero) and LOD

if LOD=LOQ, Limits were not statistically derived

*Test results for NELAP accredited tests are certified to meet the requirements of the NELAC standards. For a list of accredited analytes see http://www.slh.edu/nelap/



Wisconsin State Laboratory of Hygiene 2601 Agriculture Drive, PO Box 7996 Madison, WI 53707-7996 (800)442-4618 - FAX (608)224-6213 http://www.slh.wisc.edu

Laboratory Report

D.F. Kurtycz, M.D., Medical Director - Charles D. Brokopp, Dr.P.H., Director

Environmental Health Division

WDNR LAB ID: 113133790

NELAP LAB ID: E37658

EPA LAB ID:

WI00007

WI DATCP ID: 105-415

WSLH Sample: 123970001

Responsible Party

Microbiology: Sharon Kluender, Lab Manager, 608-224-6262 Inorganic Chemistry: Tracy Hanke, Lab Manager, 608-224-6270 Metals: DeWayne Kennedy-Parker, Lab Manager, 608-224-6282 Organic Chemistry: David Webb, Lab Manager, 608-224-6200

Emergency Chemical Response: Noel Stanton, Lab Manager, 608-224-6251



Laboratory Report

D.F. Kurtycz, M.D., Medical Director - Charles D. Brokopp, Dr.P.H., Director

Environmental Health Division

WDNR LAB ID: 113133790

NELAP LAB ID: E37658

EPA LAB ID:

WI00007

WI DATCP ID: 105-415

WSLH Sample: 123970002

Report To:

STEVE SMITH - SCS SCS ENGINEERS 2830 DAIRY DRIVE MADISON, WI 53718 Invoice To:

RON ARNESON

WISCONSIN DEPARTMENT OF NATURAL

Customer ID:

RR043

Field #:

916 CHURCH ST - INDOOR

Project No:

NEMITZ LAUNDRY

Collection End: 3/18/2014 11:36:00 AM

Collection Start: 03/17/14 11:36

Collected By: STEVEN SMITH

Date Received: 3/19/2014

Date Reported: 3/31/2014 Sample Reason:

ID#:

Sample Location:

Sample Description:

Sample Type: AI-INDOOR AIR

Waterbody:

Point or Outfall:

Sample Depth:

Program Code:

Region Code: County:

Sample Comments

MDL not achievable due to high hydrocarbon background.

OC-Volatiles

Analyte		Analysis Method	Result	Units	LOD	LOQ
Prep Date 03/27/14	Analysis Date	03/27/14				
Vinyl chloride		EPA TO-15	ND	ppbv	2.1	7.0
trans-1,2-Dichloroethene		EPA TO-15	ND	ppbv	2.1	7.0
cis-1,2-Dichloroethene		EPA TO-15	ND	ppbv	2.1	7.0
Trichloroethene		EPA TO-15	ND	ppbv	2.1	7.0
Tetrachloroethene		EPA TO-15	ND	ppbv	2.1	7.0

The water microbiology unit analyzes samples as received and not all samples are tested for preservation before analysis is performed.

List of Abbreviations:

LOD = Level of detection

LOQ = Level of quantification

ND = None detected. Results are less than the LOD

F next to result = Result is between LOD and LOQ

Z next to result = Result is between 0 (zero) and LOD

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Laboratory Report

D.F. Kurtycz, M.D., Medical Director - Charles D. Brokopp, Dr.P.H., Director

Environmental Health Division

WDNR LAB ID: 113133790 NELAP LAB ID: E37658

EPA LAB ID:

WI00007

WI DATCP ID: 105-415

WIDATCPID. 105-

WSLH Sample: 123970002

Responsible Party

Microbiology: Sharon Kluender, Lab Manager, 608-224-6262 Inorganic Chemistry: Tracy Hanke, Lab Manager, 608-224-6270 Metals: DeWayne Kennedy-Parker, Lab Manager, 608-224-6282 Organic Chemistry: David Webb, Lab Manager, 608-224-6200

Emergency Chemical Response: Noel Stanton, Lab Manager, 608-224-6251

Report Rev: 0000.25.2.WSLH.0



Laboratory Report

D.F. Kurtycz, M.D., Medical Director - Charles D. Brokopp, Dr.P.H., Director

Environmental Health Division

WDNR LAB ID: 113133790

NELAP LAB ID: E37658

EPA LAB ID:

WI00007

WI DATCP ID: 105-415

WSLH Sample: 123970003

Report To:

STEVE SMITH - SCS SCS ENGINEERS 2830 DAIRY DRIVE MADISON, WI 53718 Invoice To:

RON ARNESON

WISCONSIN DEPARTMENT OF NATURAL

Customer ID:

RR043

Field #:

920 CHURCH ST - INDOOR

Project No:

NEMITZ LAUNDRY

Collection End: 3/18/2014 1:48:00 PM

Collection Start: 03/17/14 13:48

Collected By: STEVEN SMITH

Date Received: 3/19/2014 Date Reported: 3/31/2014

Sample Reason:

ID#:

Sample Location:

Sample Description:

Sample Type: AI-INDOOR AIR

Waterbody: Point or Outfall:

Sample Depth:

Program Code: Region Code:

County:

OC-Volatiles

Analyte			Analysis Method	Result	Units	LOD	LOQ	
Prep Date	03/26/14	Analysis Date	03/26/14					
Vinyl chloride			EPA TO-15	ND	ppbv	0.085	0.28	
trans-1,2-Dichloroethene		EPA TO-15	ND	ppbv	0.085	0.28		
cis-1,2-Dic	cis-1,2-Dichloroethene		EPA TO-15	ND	ppbv	0.085	0.28	
Trichloroethene		EPA TO-15	ND	ppbv	0.085	0.28		
Tetrachloroethene		EPA TO-15	ND	ppbv	0.085	0.28		

The water microbiology unit analyzes samples as received and not all samples are tested for preservation before analysis is performed.

List of Abbreviations:

LOD = Level of detection

LOQ = Level of quantification

ND = None detected. Results are less than the LOD

F next to result = Result is between LOD and LOQ

Z next to result = Result is between 0 (zero) and LOD

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Laboratory Report

D.F. Kurtycz, M.D., Medical Director - Charles D. Brokopp, Dr.P.H., Director

Environmental Health Division

WDNR LAB ID: 113133790

NELAP LAB ID: E37658

EPA LAB ID:

WI00007

WI DATCP ID: 105-415

WSLH Sample: 123970003

Responsible Party

Microbiology: Sharon Kluender, Lab Manager, 608-224-6262 Inorganic Chemistry: Tracy Hanke, Lab Manager, 608-224-6270 Metals: DeWayne Kennedy-Parker, Lab Manager, 608-224-6282 Organic Chemistry: David Webb, Lab Manager, 608-224-6200

Emergency Chemical Response: Noel Stanton, Lab Manager, 608-224-6251

Report Rev: 0000.25.2.WSLH.0

Report ID: 1294757 Page 6 of 18



Laboratory Report

D.F. Kurtycz, M.D., Medical Director - Charles D. Brokopp, Dr.P.H., Director

Environmental Health Division

WDNR LAB ID: 113133790

NELAP LAB ID: E37658

EPA LAB ID:

WI00007

WI DATCP ID: 105-415

WSLH Sample: 123970004

Report To:

STEVE SMITH - SCS SCS ENGINEERS 2830 DAIRY DRIVE MADISON, WI 53718 Invoice To:

RON ARNESON

WISCONSIN DEPARTMENT OF NATURAL

Customer ID:

RR043

Field #:

921 CHURCH ST - INDOOR

Project No:

NEMITZ LAUNDRY

Collection End: 3/18/2014 3:00:00 PM

Collection Start: 03/17/14 15:00

Collected By: STEVEN SMITH

Date Received: 3/19/2014 Date Reported: 3/31/2014

Sample Reason:

ID#:

Sample Location:

Sample Description:

Sample Type: AI-INDOOR AIR

Waterbody:

Point or Outfall:

Sample Depth:

Program Code: Region Code:

County:

OC-Volatiles

Analyte			Analysis Method	Result	Units	LOD	LOQ	
Prep Date	03/28/14	Analysis Date	03/28/14					
Vinyl chloride			EPA TO-15	ND	ppbv	0.085	0.28	
trans-1,2-Dichloroethene			EPA TO-15	ND	ppbv	0.085	0.28	
cis-1,2-Dic	chloroethene		EPA TO-15	ND	ppbv	0.085	0.28	
Trichloroet	thene		EPA TO-15	ND	ppbv	0.085	0.28	
Tetrachlor	oethene		EPA TO-15	ND	ppbv	0.085	0.28	

The water microbiology unit analyzes samples as received and not all samples are tested for preservation before analysis is performed.

List of Abbreviations:

LOD = Level of detection

LOQ = Level of quantification

ND = None detected. Results are less than the LOD

F next to result = Result is between LOD and LOQ

Z next to result = Result is between 0 (zero) and LOD

if LOD=LOQ, Limits were not statistically derived

*Test results for NELAP accredited tests are certified to meet the requirements of the NELAC standards. For a list of accredited analytes see http://www.slh.edu/nelap/



Laboratory Report

D.F. Kurtycz, M.D., Medical Director - Charles D. Brokopp, Dr.P.H., Director

Environmental Health Division

WDNR LAB ID: 113133790

NELAP LAB ID: E37658

EPA LAB ID:

WI00007

WI DATCP ID: 105-415

WSLH Sample: 123970004

Responsible Party

Microbiology: Sharon Kluender, Lab Manager, 608-224-6262 Inorganic Chemistry: Tracy Hanke, Lab Manager, 608-224-6270 Metals: DeWayne Kennedy-Parker, Lab Manager, 608-224-6282 Organic Chemistry: David Webb, Lab Manager, 608-224-6200

Emergency Chemical Response: Noel Stanton, Lab Manager, 608-224-6251

Report ID: 1294757 Page 8 of 18



Laboratory Report

D.F. Kurtycz, M.D., Medical Director - Charles D. Brokopp, Dr.P.H., Director

Environmental Health Division

WDNR LAB ID: 113133790

NELAP LAB ID: E37658

EPA LAB ID:

WI00007

WI DATCP ID: 105-415

WSLH Sample: 123970005

Report To:

STEVE SMITH - SCS SCS ENGINEERS 2830 DAIRY DRIVE MADISON, WI 53718 Invoice To:

RON ARNESON

WISCONSIN DEPARTMENT OF NATURAL

Customer ID:

RR043

Field #:

BACKGRND OUTDOOR AIR

Project No:

NEMITZ LAUNDRY

Collection End: 3/18/2014 1:30:00 PM

Collection Start: 03/17/14 13:53

Collected By: STEVEN SMITH

Date Received: 3/19/2014 Date Reported: 3/31/2014

Sample Reason:

ID#:

Sample Location: Sample Description:

Sample Type: AR-AIR

Waterbody:

Point or Outfall:

Sample Depth:

Program Code: Region Code:

County:

OC-Volatiles

Analyte		Analysis Method	Result	Units	LOD	LOQ	
Prep Date 03/26/14	Analysis Date	03/26/14					
Vinyl chloride		EPA TO-15	ND	ppbv	0.085	0.28	
trans-1,2-Dichloroethene		EPA TO-15	ND	ppbv	0.085	0.28	
cis-1,2-Dichloroethene		EPA TO-15	ND	ppbv	0.085	0.28	
Trichloroethene		EPA TO-15	ND	ppbv	0.085	0.28	
Tetrachloroethene		EPA TO-15	ND	ppbv	0.085	0.28	

The water microbiology unit analyzes samples as received and not all samples are tested for preservation before analysis is performed.

List of Abbreviations:

LOD = Level of detection

LOQ = Level of quantification

ND = None detected. Results are less than the LOD

F next to result = Result is between LOD and LOQ

Z next to result = Result is between 0 (zero) and LOD

^{*}Test results for NELAP accredited tests are certified to meet the requirements of the NELAC standards. For a list of accredited analytes see http://www.slh.edu/nelap/



Laboratory Report

D.F. Kurtycz, M.D., Medical Director - Charles D. Brokopp, Dr.P.H., Director

Environmental Health Division

WDNR LAB ID: 113133790

NELAP LAB ID: E37658

EPA LAB ID:

WI00007

WI DATCP ID: 105-415

WSLH Sample: 123970005

Responsible Party

Microbiology: Sharon Kluender, Lab Manager, 608-224-6262 Inorganic Chemistry: Tracy Hanke, Lab Manager, 608-224-6270 Metals: DeWayne Kennedy-Parker, Lab Manager, 608-224-6282 Organic Chemistry: David Webb, Lab Manager, 608-224-6200

Emergency Chemical Response: Noel Stanton, Lab Manager, 608-224-6251

Report Rev: 0000.25.2.WSLH.0

Report ID: 1294757 Page 10 of 18



Laboratory Report

D.F. Kurtycz, M.D., Medical Director - Charles D. Brokopp, Dr.P.H., Director

Environmental Health Division

WDNR LAB ID: 113133790

NELAP LAB ID: E37658

EPA LAB ID:

WI00007

WI DATCP ID: 105-415

WSLH Sample: 123970006

Report To:

STEVE SMITH - SCS SCS ENGINEERS 2830 DAIRY DRIVE MADISON, WI 53718 Invoice To:

RON ARNESON

WISCONSIN DEPARTMENT OF NATURAL

Customer ID:

RR043

Field #:

1001 CHURCH ST - SUBSLAB

Project No:

NEMITZ LAUNDRY

Collection End: 3/18/2014 10:19:00 AM

Collection Start: 03/18/14 09:49

Collected By: STEVEN SMITH

Date Received: 3/19/2014 Date Reported: 3/31/2014

Sample Reason:

ID#:

Sample Location: Sample Description:

Sample Type: SB-SUB SLAB

Waterbody:

Point or Outfall:

Sample Depth: Program Code:

Region Code:

County:

OC-Volatiles

Analyte			Analysis Method	Result	Units	LOD	LOQ	
Prep Date	03/27/14	Analysis Date	03/27/14					
Vinyl chloride			EPA TO-15	ND	ppbv	0.085	0.28	
trans-1,2-Dichloroethene			EPA TO-15	ND	ppbv	0.085	0.28	
cis-1,2-Dic	chloroethene		EPA TO-15	ND	ppbv	0.085	0.28	
Trichloroet	thene		EPA TO-15	ND	ppbv	0.085	0.28	
Tetrachloroethene		EPA TO-15	2.6	ppbv	0.085	0.28		

The water microbiology unit analyzes samples as received and not all samples are tested for preservation before analysis is performed.

List of Abbreviations:

Report ID: 1294757

LOD = Level of detection

LOQ = Level of quantification

ND = None detected. Results are less than the LOD

F next to result = Result is between LOD and LOQ

Z next to result = Result is between 0 (zero) and LOD

^{*}Test results for NELAP accredited tests are certified to meet the requirements of the NELAC standards. For a list of accredited analytes see http://www.slh.edu/nelap/



Laboratory Report

D.F. Kurtycz, M.D., Medical Director - Charles D. Brokopp, Dr.P.H., Director

Environmental Health Division

WDNR LAB ID: 113133790

NELAP LAB ID: E37658

EPA LAB ID:

WI00007

WI DATCP ID: 105-415

WSLH Sample: 123970006

Responsible Party

Microbiology: Sharon Kluender, Lab Manager, 608-224-6262 Inorganic Chemistry: Tracy Hanke, Lab Manager, 608-224-6270 Metals: DeWayne Kennedy-Parker, Lab Manager, 608-224-6282 Organic Chemistry: David Webb, Lab Manager, 608-224-6200

Emergency Chemical Response: Noel Stanton, Lab Manager, 608-224-6251

Report Rev: 0000.25.2.WSLH.0 Page 12 of 18



Laboratory Report

D.F. Kurtycz, M.D., Medical Director - Charles D. Brokopp, Dr.P.H., Director

Environmental Health Division

WDNR LAB ID: 113133790

NELAP LAB ID: E37658

EPA LAB ID:

WI00007

WI DATCP ID: 105-415

WSLH Sample: 123970007

Report To:

STEVE SMITH - SCS SCS ENGINEERS 2830 DAIRY DRIVE MADISON, WI 53718 Invoice To:

RON ARNESON

WISCONSIN DEPARTMENT OF NATURAL

Customer ID:

RR043

Field #:

916 CHURCH ST - SUBSLAB

Project No:

NEMITZ LAUNDRY

Collection End: 3/18/2014 12:19:00 PM

Collection Start: 03/18/14 11:49

Collected By: STEVEN SMITH

Date Received: 3/19/2014 Date Reported: 3/31/2014

Sample Reason:

ID#:

Sample Location: Sample Description:

Sample Type: SB-SUB SLAB

Waterbody: Point or Outfall: Sample Depth: Program Code:

Region Code: County:

OC-Volatiles

Analyte		Analysis Method	Result	Units	LOD	LOQ	
Prep Date 03/28/14	Analysis Date	03/28/14		,			
Vinyl chloride		EPA TO-15	ND	ppbv	2.1	7.0	
trans-1,2-Dichloroethene		EPA TO-15	ND	ppbv	2.1	7.0	
cis-1,2-Dichloroethene		EPA TO-15	ND	ppbv	2.1	7.0	
Trichloroethene		EPA TO-15	ND	ppbv	2.1	7.0	
Tetrachloroethene		EPA TO-15	3.1F	ppbv	2.1	7.0	

The water microbiology unit analyzes samples as received and not all samples are tested for preservation before analysis is performed.

List of Abbreviations:

LOD = Level of detection

LOQ = Level of quantification

ND = None detected. Results are less than the LOD

F next to result = Result is between LOD and LOQ

Z next to result = Result is between 0 (zero) and LOD

if LOD=LOQ, Limits were not statistically derived

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Page 13 of 18



Laboratory Report

D.F. Kurtycz, M.D., Medical Director - Charles D. Brokopp, Dr.P.H., Director

Environmental Health Division

WDNR LAB ID: 113133790

NELAP LAB ID: E37658

EPA LAB ID:

WI00007

WI DATCP ID: 105-415

WSLH Sample: 123970007

Responsible Party

Microbiology: Sharon Kluender, Lab Manager, 608-224-6262 Inorganic Chemistry: Tracy Hanke, Lab Manager, 608-224-6270 Metals: DeWayne Kennedy-Parker, Lab Manager, 608-224-6282 Organic Chemistry: David Webb, Lab Manager, 608-224-6200

Emergency Chemical Response: Noel Stanton, Lab Manager, 608-224-6251

Report Rev: 0000.25.2.WSLH.0

Page 14 of 18 Report ID: 1294757



Laboratory Report

D.F. Kurtycz, M.D., Medical Director - Charles D. Brokopp, Dr.P.H., Director

Environmental Health Division

WDNR LAB ID: 113133790

NELAP LAB ID: E37658

EPA LAB ID:

WI00007

WI DATCP ID: 105-415

WSLH Sample: 123970008

Report To:

STEVE SMITH - SCS SCS ENGINEERS 2830 DAIRY DRIVE MADISON, WI 53718 Invoice To:

RON ARNESON

WISCONSIN DEPARTMENT OF NATURAL

Customer ID:

RR043

Field #:

920 CHURCH ST - SUBSLAB

Project No:

NEMITZ LAUNDRY

Collection End: 3/18/2014 2:37:00 PM

Collection Start: 03/18/14 14:07

Collected By: STEVEN SMITH

Date Received: 3/19/2014 Date Reported: 3/31/2014

Sample Reason:

ID#:

Sample Location: Sample Description:

Sample Type: SB-SUB SLAB

Waterbody:

Point or Outfall:

Sample Depth: Program Code:

Region Code:

County:

OC-Volatiles

Analyte			Analysis Method	Result	Units	LOD	LOQ	
Prep Date 0	3/28/14	Analysis Date	03/28/14					
Vinyl chloride			EPA TO-15	ND	ppbv	0.85	2.8	
trans-1,2-Dichloroethene			EPA TO-15	ND	ppbv	0.85	2.8	
cis-1,2-Dichlo	roethene		EPA TO-15	ND	ppbv	0.85	2.8	
Trichloroethene			EPA TO-15	ND	ppbv	0.85	2.8	
Tetrachloroeth	nene		EPA TO-15	3.8	ppbv	0.85	2.8	

The water microbiology unit analyzes samples as received and not all samples are tested for preservation before analysis is performed.

List of Abbreviations:

Report ID: 1294757

LOD = Level of detection

LOQ = Level of quantification

ND = None detected. Results are less than the LOD

F next to result = Result is between LOD and LOQ

Z next to result = Result is between 0 (zero) and LOD

^{*}Test results for NELAP accredited tests are certified to meet the requirements of the NELAC standards. For a list of accredited analytes see http://www.slh.edu/nelap/



Laboratory Report

D.F. Kurtycz, M.D., Medical Director - Charles D. Brokopp, Dr.P.H., Director

Environmental Health Division

WDNR LAB ID: 113133790

NELAP LAB ID: E37658

EPA LAB ID:

WI00007

WI DATCP ID: 105-415

WSLH Sample: 123970008

Responsible Party

Microbiology: Sharon Kluender, Lab Manager, 608-224-6262 Inorganic Chemistry: Tracy Hanke, Lab Manager, 608-224-6270 Metals: DeWayne Kennedy-Parker, Lab Manager, 608-224-6282 Organic Chemistry: David Webb, Lab Manager, 608-224-6200

Emergency Chemical Response: Noel Stanton, Lab Manager, 608-224-6251

Report Rev: 0000.25.2.WSLH.0



Laboratory Report

D.F. Kurtycz, M.D., Medical Director - Charles D. Brokopp, Dr.P.H., Director

Environmental Health Division

WDNR LAB ID: 113133790

NELAP LAB ID: E37658

EPA LAB ID:

WI00007

WI DATCP ID: 105-415

WSLH Sample: 123970009

Report To:

STEVE SMITH - SCS SCS ENGINEERS 2830 DAIRY DRIVE MADISON, WI 53718 Invoice To:

RON ARNESON

WISCONSIN DEPARTMENT OF NATURAL

Customer ID:

RR043

Field #:

921 CHURCH ST - SUBSLAB

Project No:

NEMITZ LAUNDRY

Collection End: 3/18/2014 3:47:00 PM

Collection Start: 03/18/14 15:17

Collected By: STEVEN SMITH

Date Received: 3/19/2014 Date Reported: 3/31/2014

Sample Reason:

ID#:

Sample Location:

Sample Description:

Sample Type: SB-SUB SLAB

Waterbody:

Point or Outfall:

Sample Depth:

Program Code:

Region Code: County:

OC-Volatiles

Analyte			Analysis Method	Result	Units	LOD	LOQ	
Prep Date	03/28/14	Analysis Date	03/28/14					
Vinyl chloride			EPA TO-15	ND	ppbv	0.43	1.4	
trans-1,2-Dichloroethene		EPA TO-15	ND	ppbv	0.43	1.4		
cis-1,2-Dic	chloroethene		EPA TO-15	ND	ppbv	0.43	1.4	
Trichloroe	thene		EPA TO-15	ND	ppbv	0.43	1.4	
Tetrachlor	oethene		EPA TO-15	6.6	ppbv	0.43	1.4	

The water microbiology unit analyzes samples as received and not all samples are tested for preservation before analysis is performed.

List of Abbreviations:

LOD = Level of detection

LOQ = Level of quantification

ND = None detected. Results are less than the LOD

F next to result = Result is between LOD and LOQ

Z next to result = Result is between 0 (zero) and LOD

if LOD=LOQ, Limits were not statistically derived

*Test results for NELAP accredited tests are certified to meet the requirements of the NELAC standards. For a list of accredited analytes see http://www.slh.edu/nelap/



Laboratory Report

D.F. Kurtycz, M.D., Medical Director - Charles D. Brokopp, Dr.P.H., Director

Environmental Health Division

WDNR LAB ID: 113133790

NELAP LAB ID: E37658

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Emergency Chemical Response: Noel Stanton, Lab Manager, 608-224-6251

Report Rev: 0000.25.2.WSLH.0

SEND INVOI	CE IN TRIPI	LICATE TO:		OF WISCO	·n i	ENTER TY					00000631	
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VENDOR:						540913 HP TO:	344	0	PAGE:		1	
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