STS CONSULTANTS, LTD.

Phase II Subsurface Assessment and Asbestos Demolition Survey

Door County Cooperative
92 East Maple Street
Sturgeon Bay, Wisconsin

STS Project No. 4-29887XF

Door County Cooperative
317 Green Bay Road
Sturgeon Bay, Wisconsin 54235

STS CONSULTANTS, LTD.

Phase II Subsurface Assessment and Asbestos Demolition Survey

Door County Cooperative
92 East Maple Street
Sturgeon Bay, Wisconsin

STS Project No. 4-29887XF

Door County Cooperative
317 Green Bay Road
Sturgeon Bay, Wisconsin 54235

STS CONSULTANTS

STS Consultants, Ltd.
1035 Kepler Drive
Green Bay, Wisconsin 54311

voice 920-468-1978
fax 920-468-3312
web www.stsconsultants.com

October 12, 2005

Mr. Brian Duquaine
Door County Cooperative
317 Green Bay Road
Sturgeon Bay, Wisconsin 54235

Re: Phase II Subsurface Assessment and Asbestos Demolition Survey, Door County Cooperative, 92 East Maple Street, Sturgeon Bay, Wisconsin -- STS Project No. 4-29887XF

Dear Mr. Duquaine:

STS Consultants, Ltd. is pleased to submit this Phase II Subsurface Assessment (Phase II) and Asbestos Demolition Survey report for the Door County Cooperative (DCC) property located at 92 East Maple Street in Sturgeon Bay, Door County, Wisconsin (site). DCC retained STS to assess the environmental condition of the site in relation to recognized environmental conditions (RECs), historical RECs, and/or potential environmental issues identified during a Phase I Environmental Site Assessment of the site completed in September 2005.

Please contact Mr. Michael DeBraske or Mr. Michael Carney at (920) 468-1978 if you have any questions regarding this report.

Sincerely,

STS CONSULTANTS, LTD.

Michael L. DeBraske, P.E.
Project Engineer

Michael J. Carney, P.G.
Associate Geologist

MLD/kjw

Table of Contents

Tables

Figures

Appendices

Door County Cooperative
STS Project No. 4-29887XF
October 12, 2005

1.0 EXECUTIVE SUMMARY

Based on recognized environmental conditions (RECs), historical RECs, and/or potential environmental issues identified during a Phase I Environmental Site Assessment (ESA) in September 2005, Door County Cooperative (DCC) requested that STS Consultants, Ltd. (STS) complete a Phase II Subsurface Assessment (Phase II) and Asbestos Demolition Survey of their property located at 92 East Maple Street in Sturgeon Bay, Door County, Wisconsin (site). This report is a summary of our findings and conclusions regarding observed environmental conditions.

Phase II

The Phase II included the advancement of eight soil borings, installation of two temporary groundwater monitoring wells, and collection of soil and groundwater analytical samples. In addition, the Phase II included in-field monitoring of soil vapors for methane from five soil vapor probes advanced on the site. The Phase II was completed to assess the subsurface condition of the site in relation to the following items:

- Fertilizer Operations: Based on interviews with Mr. Brian Duquaine (General Manager of the site), Door County Cooperative (DCC) operated a dry fertilizer blending plant on the northern portion of the site from approximately the mid-1950s to late 1970s. Mr. Duquaine indicated to the best of his knowledge that the fertilizer operations included semi and/or rail delivery and indoor storage and mixing of raw materials and indoor bagging and/or truck loading of blended fertilizer.

- Petroleum Storage Tanks: Historical Sanborn Fire Insurance (Sanborn) maps indicated that three petroleum storage tanks (50-gallon and 150-gallon kerosene and 50-gallon gasoline) were formerly located near the northwest corner of the site from at least 1904 to 1911. An "oil house" was also identified in the vicinity of the former tank locations on a 1919 Sanborn map.

- Vehicle/Equipment Maintenance: The eastern warehouse (Storage Building No. 2) was observed to include a concrete-paved southern section reportedly used for vehicle/equipment maintenance; an earthen floor middle section reportedly used for vehicle parking and storage; and a concrete-paved northern section reportedly used for storage of appliances, pool chemicals, and oil drums. Approximately three to five 5-gallon buckets (without lids) of used oil, an approximately 40-gallon container of kerosene, and several smaller containers of oil were observed in the maintenance section. In addition, apparent oil stains (approximately 10 to 15 square feet each) were observed adjacent to a floor drain and the aboveground steel waste container (associated with the exterior aboveground storage tank [AST]) located near the southeast corner of the building. Observation of the middle section of the building did not reveal readily apparent staining; however, the Sturgeon Bay Assessor's file included a site diagram dated 1971 that identified a "machine shop" with an earthen floor located in the same approximate location as the middle section of Storage Building No. 2.

- Waste Oil Tank: An approximately 300-gallon AST was observed near the southeast corner of Storage Building No. 2. Based on interviews with Mr. Duquaine, the AST is connected by aboveground piping to an aboveground waste container located inside the warehouse. Mr. Duquaine indicated that the AST was installed in the mid- to late 1990s for storage of used oil and other waste fluids resulting from vehicle/equipment maintenance activities occurring in the adjacent warehouse. Visible portions of the AST appeared in poor condition with significant rusting; however, observation of the paved surfaces adjacent to the AST did not reveal readily apparent staining.

- Drum Storage: Approximately 10 to 12 apparently empty drums were observed exterior and immediately north of Storage Building No. 2. The drums were stacked on their side and appeared to be located on an unpaved (gravel) surface. Visible portions of the drums appeared in good condition; however, areas of apparent staining (less than 8 inches diameter each) were observed on an adjacent asphalt-paved surface.

- Historical Fill: Historical Sanborn maps indicated that the northern portion of the site is located in an area formerly occupied by water (Sturgeon Bay). Sanborn maps suggested that the area was filled in the late 1800s. Furthermore, Wisconsin Department of Natural Resources (WDNR) information indicated that up to 10 feet of fill (including up to 5 feet of wood chips and/or charred wood and/or concrete) was identified in soil borings advanced on the site during the leaking underground storage tank (LUST) case assessment activities. If fill is encountered during future development activities on the site, it may require management as a solid waste. Furthermore, due to the nature of fill encountered during LUST case assessment activities (i.e. several feet of wood/charred wood), the potential exists for methane gas to be present in the subsurface. If present, methane gas may require special consideration during future development activities on the site.

Laboratory analytical results for soil and groundwater samples collected from the site indicated:

- Metals (cadmium, chromium, and/or lead) were detected in each of the soil samples analyzed.

- Polycyclic aromatic hydrocarbons (PAHs) were detected in each of the soil samples analyzed.

- Ammonia/ammonium-nitrogen and nitrate/nitrite-nitrogen were detected in each of the soil and groundwater samples analyzed.

- Volatile organic compounds (VOCs) and petroleum volatile organic compounds (PVOCs) were not detected in any soil samples analyzed.

The detected concentrations of lead in soil at two locations (B-7 and B-8) exceeded the generic Residual Contaminant Level (RCL) for non-industrial sites established by the WDNR in Wisconsin Administrative Code Chapter NR 720. The detected concentrations of PAHs at four locations (B-5, B-6, B-7, and B-8) exceeded the generic non-industrial direct contact pathway RCLs suggested by

the WDNR in Publication RR-519-97 (*Soil Cleanup Levels for Polycyclic Aromatic Hydrocarbons, Interim Guidance, April 1997*). The detected concentrations of nitrogen compounds in soil at locations B-1 and B-2 were below the total nitrogen compound RCL suggested by the Department of Agriculture, Trade, and Consumer Protection (DATCP). The detected concentrations of the remaining compounds in soil and groundwater were below the applicable generic and suggested generic RCLs and Preventive Action Limits (PALs) established by the WDNR in Wisconsin Administrative Code Chapter NR 140.

Visual and olfactory observations completed during the Phase II did not reveal staining, odors, or other evidence to suggest that the lead and PAH detections at the site were related to the areas of concern assessed as part of the Phase II. Rather, visual and olfactory observations suggest that the detected concentrations are most likely associated with urban fill placed on the site as documented in historical Sanborn maps from the late 1800s and early 1900s. If the areas with lead and PAH detections are disturbed in the future, the soil will likely require management as a solid waste in general accordance with local, state, and federal laws. Nevertheless, due to the concentrations of lead and PAHs detected in soil samples, the WDNR reporting requirements identified in s.292.11, Wisconsin Statutes (i.e. Wisconsin Spills Law), may be applicable to the site.

The results of in-field monitoring of soil vapors for methane are summarized below:

- Methane was detected at concentrations exceeding the upper explosive limit (UEL) (15%) in two of five soil vapor probes advanced on the site.
- Detected concentrations of methane in the subsurface at one vapor probe location ranged from 35.8% immediately following probe installation to 13.0% at approximately 15 minutes following probe installation.
- Detected concentrations of methane in the subsurface at another vapor probe location ranged from 29.6% immediately following probe installation, to 17.2% at approximately 40 minutes following probe installation, to 12.8% at approximately 90 minutes following probe installation.

Based on information obtained during the Phase I ESA, the potential sources of methane include historic fill and naturally occurring organic soils (e.g. peat). Concentrations of methane between the UEL and lower explosive limit (LEL) (5% for methane) are considered to be within the explosive range if they are in the presence of at least 12.1% oxygen. The potential exists for methane to

migrate through the subsurface (e.g., via utility corridors) into adjacent structures (particularly structures with enclosed basements or crawlspaces) at concentrations between the LEL and UEL. STS did not assess the potential for methane migration during this Phase II.

STS contacted Mr. Jim Zellmer, WDNR Northeast Region Waste Management Engineer, to discuss the observed methane. Mr. Zellmer indicated that if the site is redeveloped in the future, it may be regulated by the WDNR pursuant to s. NR 506.085, Wisconsin Administrative Code (i.e. development of a historical fill site). Furthermore, a methane assessment and exemption application to construct on a historic fill site may be required prior to redevelopment.

Asbestos Demolition Survey

The Asbestos Demolition Survey included sampling and laboratory analytical testing of suspect asbestos-containing materials (ACM) observed on the interior and exterior of the structures on the site. Laboratory analytical results indicated that ACM were detected on the interior and exterior of the Manufacturing Structure and interior of Storage Building No. 1. An Asbestos Demolition Survey report detailing the locations of identified ACM and applicable management and disposal requirements is attached as Appendix C.

2.0 SITE INVESTIGATION

2.1 Purpose and Scope

The objective of the Phase II was to further assess the RECs, historical RECs, and/or potential environmental issues identified at the site during a Phase I ESA completed in September 2005. The Phase II included the advancement of eight soil borings, installation of two temporary groundwater monitoring wells, collection of soil and groundwater analytical samples, and in-field monitoring of soil vapors for methane from five soil vapor probes advanced in the vicinity of the areas of concern. Soil and groundwater samples collected from the site were submitted for laboratory analysis of ammonia/ammonium-nitrogen, nitrate/nitrite-nitrogen, metals (consisting of cadmium, chromium, and/or lead), PVOCs plus naphthalene, PAHs, and/or VOCs.

A Site Location Diagram is presented as Figure 1. Soil boring, monitoring well, and soil vapor probe locations are illustrated on the Site Diagram presented as Figure 2.

2.2 Investigation Program

STS mobilized to the site with a drill rig and hand auger/soil probe equipment on October 3, 2005. Two soil borings (B-1 and B-2) were advanced adjacent to the former fertilizer operations (Storage Building No. 1). Two soil borings (B-3 and B-4) were advanced adjacent to the former petroleum storage tank locations identified on historical Sanborn maps. One soil boring (B-5) was advanced adjacent to the drum storage area located immediately north of Storage Building No. 2. Two soil borings (B-6 and B-7) were advanced inside the middle section of Storage Building No. 2, adjacent to areas reportedly used for vehicle/equipment maintenance. One soil boring (B-8) was advanced adjacent to the waste oil AST located near the southeast corner of Storage Building No. 2. Five soil vapor probes (VP-1 through VP-5) were advanced on the northern portion of the site to assess the potential for methane generation from historic fill.

Soil vapor probes were advanced using a hammer drill equipped with an approximately 1/2-inch outside-diameter auger and slotted stainless steel vapor probe. Vapor samples were collected using a Landtec Model GA-90 Gas Analyzer (Landtec) connected directly to the vapor probes. The Landtec is capable of continuously monitoring concentrations of methane, carbon dioxide, and oxygen. The Landtec was calibrated to carbon dioxide/methane and oxygen standards prior to and periodically during soil vapor monitoring activities.

Borings B-1 through B-5 and B-8 were advanced using 4-inch outside-diameter solid-stem continuous flight augers. Soil samples were collected from the borings using a split-barrel sampler in general accordance with ASTM D 1586-84, "Standard Test Method for Penetration Test and Split-Barrel Sampling of Soils." Samples were collected continuously at 2-foot intervals within the borings to the boring termination depths (8 to 10 feet below ground surface [bgs]). The split-barrel sampler containing the soil sample was opened by STS personnel for soil classification, field screening, and analytical sample collection.

Borings B-6 and B-7 were advanced using 4-inch outside-diameter hand probing equipment. Soil samples were collected continuously at 1-foot intervals within the hand augers to the auger termination depths (2 feet bgs). The hand auger and soil sampling equipment were cleaned prior to visiting the site and between each hand auger location.

Soil samples were screened in the field using a photoionization detector (PID) equipped with a 10.6-electron volt lamp. PID field screening results were used to select soil samples for laboratory analysis. Soil screening samples were transported to the STS soils laboratory and classified in accordance with the Unified Soil Classification System (ASTM D 2488).

Laboratory soil samples were collected from each soil boring location and submitted under Chain of Custody control to Pace Analytical Services, Inc. (Pace) of Green Bay, Wisconsin, for analysis of ammonia/ammonium-nitrogen, nitrate/nitrite-nitrogen, metals (consisting of cadmium, chromium, and/or lead), PVOCs plus naphthalene, PAHs, and/or VOCs.

Following collection of laboratory soil samples, temporary groundwater monitoring wells were installed in Borings B-1 and B-2 to facilitate collection of groundwater samples. The temporary wells were installed to intersect the apparent groundwater table observed in the field and were constructed of 2-inch diameter, Schedule 40, polyvinyl chloride (PVC), with a 5-foot section of slotted well screen (0.01-inch manufactured slots). The annular space around the wells was backfilled with a sand filter pack and bentonite seal. Laboratory groundwater samples were collected with PVC bailers and submitted under Chain of Custody control to Pace for analysis of ammonia/ammonium-nitrogen and nitrate/nitrite-nitrogen.

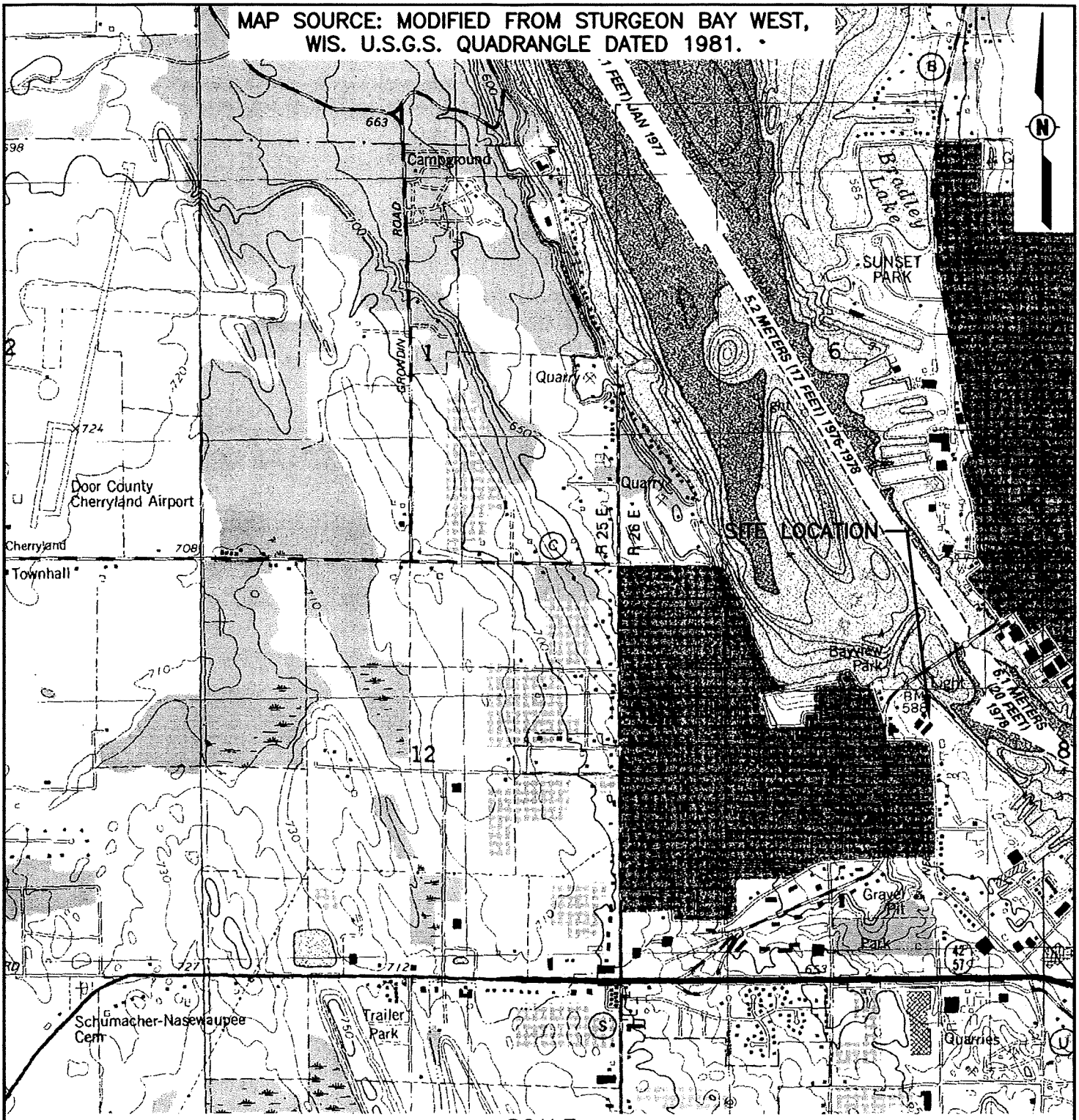
WDNR Soil Boring Log Information Forms, Monitoring Well Construction Forms, and Well/Drillhole/Borehole Abandonment Forms were prepared to document the soil boring and temporary groundwater monitoring well installations and are presented in Appendix A.

2.3 Geology

The primary soil series mapped at the subject property is Namur loam, 0% to 6% slopes. The Namur Series soils are described as well drained soils on glacial till plains that are underlain by dolomite bedrock. Soils are described as nearly level to gently sloping with moderate permeability, medium runoff, and very low available water capacity. The soil is generally characterized by a surface layer of very dark grayish-brown loam (approximately 5 inches thick) over brown heavy loam (approximately 3 inches thick), all over dolomite bedrock (Soil Survey of Door County, Wisconsin, US Department of Agriculture, Soil Conservation Service, 1978).

Subsurface conditions encountered during the Phase II were generally described as fill consisting of brown fine to coarse silty sands and fine to coarse sands with gravel to the boring termination depths. Trace cinders were observed at a depth of approximately 0.5 to 2 feet bgs at Borings B-3 and B-8. Trace wood was observed at a depth of approximately 6 to 8 feet bgs at Boring B-4, and trace wood and glass were observed at a depth of approximately 2 to 8 feet bgs at Boring B-8.

The apparent groundwater table was encountered in the borings at a depth of approximately 4 to 6 feet bgs. Based on a review of WDNR file information completed during the Phase I ESA, local groundwater depths have ranged from approximately 3 feet to 6 feet bgs, with flow direction generally to the northeast. However, groundwater flow may be influenced by seasonal variations, existing ditches, underground utility installations, and/or other natural and manmade features.

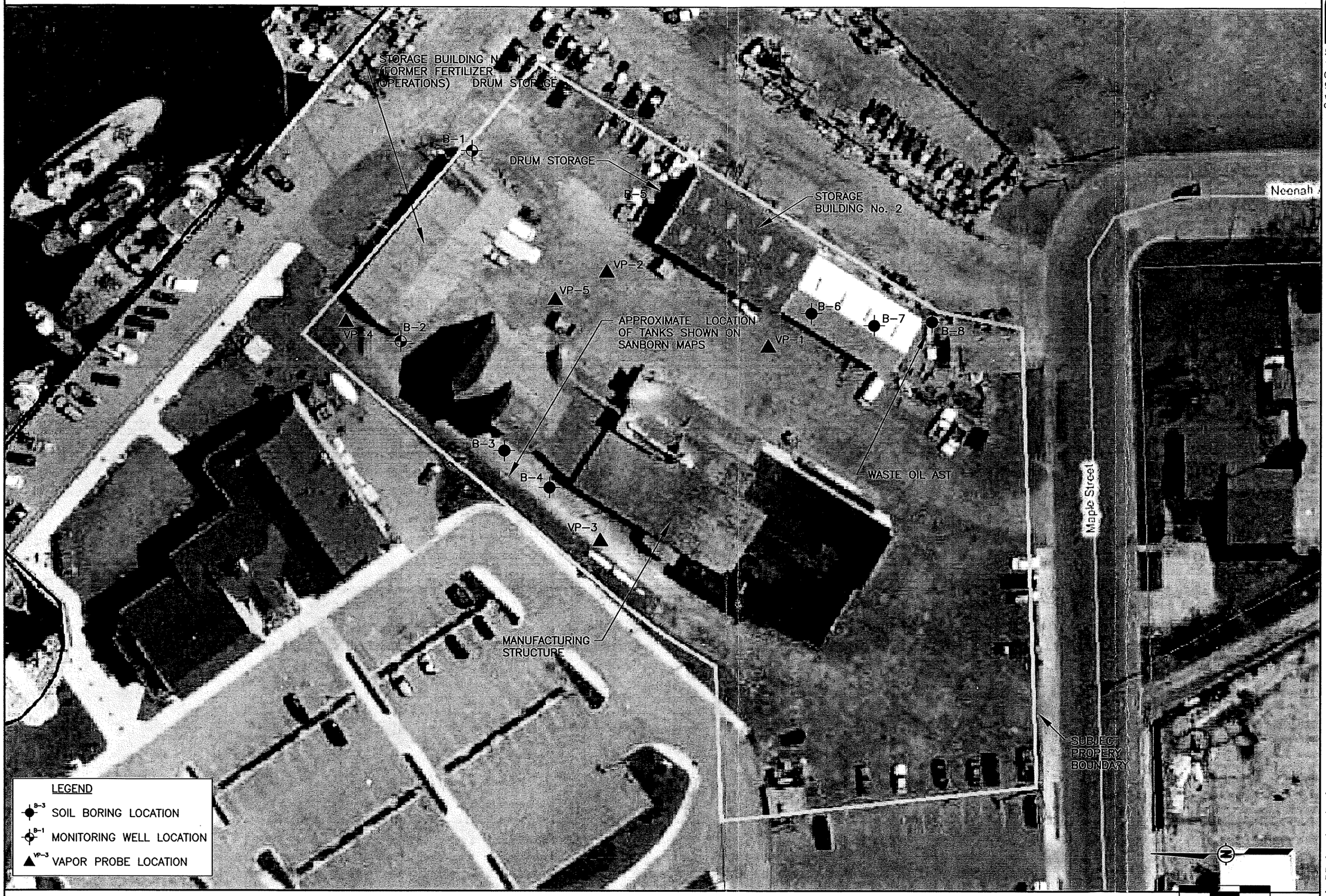


X:\PROJECTS\429887XF\Dwg\G429887XF_Site_Location_Map_FIG1.dwg; 10/10/2005 11:22:45 AM; REINCE, JERRY M.

STS CONSULTANTS
1035 Kepler Drive
Green Bay, WI 54311
920-468-1978
www.stsconsultants.com

SITE LOCATION MAP
DOOR COUNTY COOPERATIVE
PHASE II SUBSURFACE ASSESSMENT
92 EAST MAPLE STREET
STURGEON BAY, WISCONSIN

Drawn :	JMR	09/23/2005
Checked:	MLD	09/23/2005
Approved:		
PROJECT NUMBER	4-29887XF	
FIGURE NUMBER	1	



BASE MAP PROVIDED BY DOOR COUNTY INFOMATION SYSTEMS (2002 AERIAL PHOTOGRAPH AND PROPERTY BOUNDARY)

STS CONSULTANTS
1035 Kepler Drive
Green Bay, WI 54311
920-468-1978
www.stsconsultants.com

SITE DIAGRAM
DOOR COUNTY COOPERATIVE
PHASE II SUBSURFACE ASSESSMENT
92 EAST MAPLE STREET
STURGEON BAY, WISCONSIN

Drawn :	ABC	XX/XX/2004
Checked:	DEF	XX/XX/2004
Approved:	GHI	XX/XX/2004
PROJECT NUMBER	4-29887XF	
FIGURE NUMBER	2	

2.4 Analytical Procedures

Soil and groundwater samples were collected from the site and submitted to Pace for laboratory analysis according to the following schedule:

- B-1 and B-2: Ammonia/ammonium-nitrogen (using Analytical Method EPA 350.1) and nitrate/nitrite-nitrogen (using Analytical Method EPA 350.3) in soil and ammonia/ammonium-nitrogen (using Analytical Method EPA M350.1) and nitrate/nitrite-nitrogen (using Analytical Method EPA M300.0) in groundwater.
- B-3 and B-4: PVOC plus naphthalene (using Analytical Method SW846 M8021) and lead (using Analytical Method EPA 6010) in soil.
- B-5: PAHs (using Analytical Method 8270C-SIM) and VOCs (using Analytical Method SW846 8260B) in soil.
- B-6, B-7, and B-8: Metals (cadmium, chromium, and lead) (using Analytical Method EPA 6010), PAHs (using Analytical Method 8270C-SIM) and VOCs (using Analytical Method SW846 8260B) in soil.

2.5 Field Screening Results

2.5.1 Soil Vapor Samples

A summary of soil vapor monitoring results is included as Table 3. Methane was detected in two of five soil vapor probes advanced at the site. The detected concentration of methane at VP-2 ranged from 29.6% immediately following probe installation, to 17.2% at approximately 40 minutes following probe installation, to 12.8% at approximately 90 minutes following probe installation. The detected concentration of methane at VP-5 ranged from 35.8% immediately following probe installation to 13.0% at approximately 15 minutes following probe installation. The concentrations of methane detected immediately following probe installation exceeded the UEL of 15% and were between the LEL and UEL within 15 to 90 minutes following probe installation. STS did not assess the potential for methane migration through the subsurface and into structures adjacent to the areas with observed subsurface detections.

2.5.2 Soil and Groundwater Samples

PID readings were less than 1 PID unit for all soil samples collected from the site. PID readings and visual/olfactory observations of soil and groundwater samples did not reveal readily apparent subsurface impacts in the areas of investigation. PID soil screening results are summarized on the WDNR Soil Boring Log Information Forms in Appendix A.

2.6 Laboratory Analytical Results

A summary of laboratory analytical results for soil samples is included as Table 1. A summary of laboratory analytical results for groundwater samples is included as Table 2. The Laboratory Analytical Reports are provided in Appendix B.

Laboratory analytical results were generally consistent with PID readings and field observations recorded at the time of soil and groundwater sample collection. Laboratory analytical results for soil and groundwater samples collected from the site indicated:

- Metals (cadmium, chromium, and/or lead) were detected in each soil sample collected and submitted for analysis of metals (B-3, B-4, B-6, B-7, and B-8).
- PAHs were detected in each soil sample collected and submitted for analysis of PAHs (B-5, B-6, B-7, and B-8).
- Ammonia/ammonium-nitrogen and nitrate/nitrite-nitrogen were detected in each soil and groundwater sample collected and submitted for analysis of ammonia/ammonium-nitrogen and nitrate/nitrite-nitrogen (B-1 and B-2).
- VOCs were not detected in any soil samples collected and submitted for analysis of VOCs (B-5, B-6, B-7, and B-8).
- PVOCs plus naphthalene were not detected in any soil samples collected and submitted for analysis of PVOCs plus naphthalene (B-3 and B-4).

The detected concentrations of lead in soil at B-7 and B-8 exceeded the generic RCL for non-industrial sites established by the WDNR in Wisconsin Administrative Code Chapter NR 720. The detected concentrations of PAHs at four locations (B-5, B-6, B-7, and B-8) exceeded the generic non-industrial direct contact pathway RCLs suggested by the WDNR in Publication RR-519-97 (*Soil Cleanup Levels for Polycyclic Aromatic Hydrocarbons, Interim Guidance, April 1997*). The detected concentrations of nitrogen compounds in soil at locations B-1 and B-2 were below the total nitrogen compound RCL suggested by DATCP. The detected concentrations of the remaining compounds in soil were below the applicable generic and suggested generic RCLs. The detected concentrations of nitrogen compounds in groundwater were below the applicable PALs established by the WDNR in Wisconsin Administrative Code Chapter NR 140.

Table 1: Soil Analytical Results
Door County Cooperative
92 East Maple Street
Sturgeon Bay, Wisconsin

Boring	B-1	B-2	B-3	B-4	B-5	B-6	B-7	B-8	NR 720 Non-Industrial Residual Contaminant Level (RCL)[1]	Suggested DATCP RCL[2]	Suggested Generic RCL[1,3]	
Sample Depth (ft)	4.0-6.0	4.0-5.0	4.0-6.0	4.0-5.0	2.0-4.0	1.0-2.0	1.0-2.0	2.0-4.0			Groundwater Pathway	Non-Industrial Direct Contact Pathway
Date	10/3/05	10/3/05	10/3/05	10/3/05	10/3/05	10/3/05	10/3/05	10/3/05				
METALS	***Concentration (milligrams/kilogram)***											
Cadmium	---	---	---	---	---	0.049	0.32	1.3	8	NL	NL	NL
Chromium	---	---	---	---	---	5.1	10.1	11.6	16,000	NL	NL	NL
Lead	---	---	3.0	3.4	---	14.1	**70.4**	**343**	50	NL	NL	NL
OTHER INORGANICS	***Concentration (milligrams/kilogram)***											
Nitrogen, Ammonia	4.4	29	---	---	---	---	---	---	NL		NL	NL
Nitrogen, Ammonium	4.7	31	---	---	---	---	---	---	NL	100	NL	NL
Nitrogen, Nitrate + Nitrite	1.7	1.3	---	---	---	---	---	---	NL		NL	NL
PVOCs + NAPHTHALENE	***Concentration (micrograms/kilogram)***											
Benzene	---	---	<25	<25	---	---	---	---	5.5	NL	NL	NL
Ethylbenzene	---	---	<25	<25	---	---	---	---	2900	NL	NL	NL
Methyl tert-butyl ether	---	---	<25	<25	---	---	---	---	NL	NL	NL	NL
Napthalene	---	---	<25	<25	---	---	---	---	NL	NL	400	20000
Toluene	---	---	<25	<25	---	---	---	---	1500	NL	NL	NL
Total Trimethylbenzene	---	---	<50	<50	---	---	---	---	NL	NL	NL	NL
Xylenes	---	---	<75	<75	---	---	---	---	4100	NL	NL	NL
PAHs	***Concentration (micrograms/kilogram)***											
1-Methylnaphthalene	---	---	---	---	5.1Q	10Q	26	32	NL	NL	23000	1100000
2-Methylnaphthalene	---	---	---	---	6.3Q	12	34	38	NL	NL	20000	600000
Acenaphthene	---	---	---	---	<3.2	3.2Q	5.6Q	8.4Q	NL	NL	38000	900000
Acenaphthylene	---	---	---	---	13	42	120	87	NL	NL	700	18000
Anthracene	---	---	---	---	11Q	25	85	77	NL	NL	300000	5000000
Benzo(a)anthracene	---	---	---	---	50	80	**180**	**180**	NL	NL	17000	88
Benzo(a)pyrene	---	---	---	---	**85**	**140**	**320**	**260**	NL	NL	48000	8.8
Benzo(b)fluoranthene	---	---	---	---	**98**	**150**	**320**	**250**	NL	NL	360000	88
Benzo(g,h,i)perylene	---	---	---	---	49	79	160	120	NL	NL	870000	1800
Benzo(k)fluoranthene	---	---	---	---	73	130	280	240	NL	NL	6800000	880
Chrysene	---	---	---	---	62	130	220	210	NL	NL	37000	8800
Dibenzo (a,h)anthracene	---	---	---	---	**29**	**24**	**40**	**47**	NL	NL	38000	8.8
Fluoranthene	---	---	---	---	39	260	260	270	NL	NL	500000	600000
Fluorene	---	---	---	---	<3.7	9.4Q	9.2Q	19	NL	NL	100000	600000
Indeno(1,2,3-cd)pyrene	---	---	---	---	39	70	**120**	**110**	NL	NL	680000	88
Naphthalene	---	---	---	---	<4.4	17	31	34	NL	NL	400	20000
Phenanthrene	---	---	---	---	16	220	150	200	NL	NL	1800	18000
Pyrene	---	---	---	---	62	240	310	300	NL	NL	8700000	500000

Notes: < = analyte not detected above method detection limit ; --- = not analyzed ; NL = No Generic Limit Specified ; Q = analyte detected at concentration between limit of detection and limit of quantification

[1]Door County Cooperative Property is Zoned Commercial

Exceedance of the Generic or Suggested Non-Industrial RCL indicated by: **100**

[2]DATCP = Department of Agriculture, Trade, and Consumer Protection/Suggested RCL for Combined Nitrogen, Ammonia and Nitrogen, Nitrate+ Nitrate

[3]Suggested RCL established in Wisconsin Department of Natural Resources' Interim Guidance RR-519-97

Table 1: Soil Analytical Results
Door County Cooperative
92 East Maple Street
Sturgeon Bay, Wisconsin

Boring	B-1	B-2	B-3	B-4	B-5	B-6	B-7	B-8	NR 720 Non-Industrial Residual Contaminant Level (RCL)[1]	Suggested DATCP RCL[2]	Suggested Generic RCL[1,3]	
Sample Depth (ft)	4.0-6.0	4.0-5.0	4.0-6.0	4.0-5.0	2.0-4.0	1.0-2.0	1.0-2.0	2.0-4.0			Groundwater Pathway	Non-Industrial Direct Contact Pathway
Date	10/3/05	10/3/05	10/3/05	10/3/05	10/3/05	10/3/05	10/3/05	10/3/05				
VOCs	***Concentration (micrograms/kilogram)***											
1,1,1,2-Tetrachloroethane	---	---	---	---	<25	<25	<25	<25	NL	NL	NL	NL
1,1,1-Trichloroethane	---	---	---	---	<25	<25	<25	<25	NL	NL	NL	NL
1,1,2,2-Tetrachloroethane	---	---	---	---	<25	<25	<25	<25	NL	NL	NL	NL
1,1,2-Trichloroethane	---	---	---	---	<25	<25	<25	<25	NL	NL	NL	NL
1,1-Dichloroethane	---	---	---	---	<25	<25	<25	<25	NL	NL	NL	NL
1,1-Dichloroethene	---	---	---	---	<25	<25	<25	<25	NL	NL	NL	NL
1,1-Dichloropropene	---	---	---	---	<25	<25	<25	<25	NL	NL	NL	NL
1,2,3-Trichlorobenzene	---	---	---	---	<25	<25	<25	<25	NL	NL	NL	NL
1,2,3-Trichloropropane	---	---	---	---	<25	<25	<25	<25	NL	NL	NL	NL
1,2,4-Trichlorobenzene	---	---	---	---	<25	<25	<25	<25	NL	NL	NL	NL
1,2,4-Trimethylbenzene	---	---	---	---	<25	<25	<25	<25	NL	NL	NL	NL
1,2-Dibromo-3-chloropropane	---	---	---	---	<25	<25	<25	<25	NL	NL	NL	NL
1,2-Dibromoethane	---	---	---	---	<25	<25	<25	<25	NL	NL	NL	NL
1,2-Dichlorobenzene	---	---	---	---	<25	<25	<25	<25	NL	NL	NL	NL
1,2-Dichloroethane	---	---	---	---	<25	<25	<25	<25	4.9	NL	NL	NL
1,2-Dichloropropane	---	---	---	---	<25	<25	<25	<25	NL	NL	NL	NL
1,3,5-Trimethylbenzene	---	---	---	---	<25	<25	<25	<25	NL	NL	NL	NL
1,3-Dichlorobenzene	---	---	---	---	<25	<25	<25	<25	NL	NL	NL	NL
1,3-Dichloropropane	---	---	---	---	<25	<25	<25	<25	NL	NL	NL	NL
1,4-Dichlorobenzene	---	---	---	---	<25	<25	<25	<25	NL	NL	NL	NL
2,2-Dichloropropane	---	---	---	---	<25	<25	<25	<25	NL	NL	NL	NL
2-Chlorotoluene	---	---	---	---	<25	<25	<25	<25	NL	NL	NL	NL
4-Chlorotoluene	---	---	---	---	<25	<25	<25	<25	NL	NL	NL	NL
Benzene	---	---	---	---	<25	<25	<25	<25	5.5	NL	NL	NL
Bromobenzene	---	---	---	---	<25	<25	<25	<25	NL	NL	NL	NL
Bromochloromethane	---	---	---	---	<25	<25	<25	<25	NL	NL	NL	NL
Bromodichloromethane	---	---	---	---	<25	<25	<25	<25	NL	NL	NL	NL
Bromoform	---	---	---	---	<25	<25	<25	<25	NL	NL	NL	NL
Bromomethane	---	---	---	---	<25	<25	<25	<25	NL	NL	NL	NL
Carbon tetrachloride	---	---	---	---	<25	<25	<25	<25	NL	NL	NL	NL
Chlorobenzene	---	---	---	---	<25	<25	<25	<25	NL	NL	NL	NL
Chlorodibromomethane	---	---	---	---	<25	<25	<25	<25	NL	NL	NL	NL
Chloroethane	---	---	---	---	<25	<25	<25	<25	NL	NL	NL	NL
Chloroform	---	---	---	---	<25	<25	<25	<25	NL	NL	NL	NL
Chloromethane	---	---	---	---	<25	<25	<25	<25	NL	NL	NL	NL

Notes: < = analyte not detected above method detection limit ; --- = not analyzed ; NL = No Generic Limit Specified ; Q = analyte detected at concentration between limit of detection and limit of quantification

[1]Door County Cooperative Property is Zoned Commercial

Exceedance of the Generic or Suggested Non-Industrial RCL indicated by: 100

[2]DATCP = Department of Agriculture, Trade, and Consumer Protection/Suggested RCL for Combined Nitrogen, Ammonia and Nitrogen, Nitrate+ Nitrate

[3]Suggested RCL established in Wisconsin Department of Natural Resources' Interim Guidance RR-519-97

Table 1: Soil Analytical Results
Door County Cooperative
92 East Maple Street
Sturgeon Bay, Wisconsin

Boring	B-1	B-2	B-3	B-4	B-5	B-6	B-7	B-8	NR 720 Non-Industrial Residual Contaminant Level (RCL)[1]	Suggested DATCP RCL[2]	Suggested Generic RCL[1,3]	
Sample Depth (ft)	4.0-6.0	4.0-5.0	4.0-6.0	4.0-5.0	2.0-4.0	1.0-2.0	1.0-2.0	2.0-4.0			Groundwater Pathway	Non-Industrial Direct Contact Pathway
Date	10/3/05	10/3/05	10/3/05	10/3/05	10/3/05	10/3/05	10/3/05	10/3/05				
VOCs, continued	***Concentration (micrograms/kilogram)***											
cis-1,2-Dichloroethene	- - -	- - -	- - -	- - -	<25	<25	<25	<25	NL	NL	NL	NL
cis-1,3-dichloropropene	- - -	- - -	- - -	- - -	<25	<25	<25	<25	NL	NL	NL	NL
Dibromomethane	- - -	- - -	- - -	- - -	<25	<25	<25	<25	NL	NL	NL	NL
Dichlorodifluoromethane	- - -	- - -	- - -	- - -	<25	<25	<25	<25	NL	NL	NL	NL
Diisopropyl ether	- - -	- - -	- - -	- - -	<25	<25	<25	<25	NL	NL	NL	NL
Ethylbenzene	- - -	- - -	- - -	- - -	<25	<25	<25	<25	2900	NL	NL	NL
Fluorotrichloromethane	- - -	- - -	- - -	- - -	<25	<25	<25	<25	NL	NL	NL	NL
Hexachlorobutadine	- - -	- - -	- - -	- - -	<25	<25	<25	<25	NL	NL	NL	NL
Isopropylbenzene	- - -	- - -	- - -	- - -	<25	<25	<25	<25	NL	NL	NL	NL
Methylene chloride	- - -	- - -	- - -	- - -	<25	<25	<25	<25	NL	NL	NL	NL
Methyl tert-butyl ether	- - -	- - -	- - -	- - -	<25	<25	<25	<25	NL	NL	NL	NL
Naphthalene	- - -	- - -	- - -	- - -	<25	<25	<25	<25	NL	NL	400	20000
n-Butylbenzene	- - -	- - -	- - -	- - -	<25	<25	<25	<25	NL	NL	NL	NL
n-Propylbenzene	- - -	- - -	- - -	- - -	<25	<25	<25	<25	NL	NL	NL	NL
p-Isopropyltoluene	- - -	- - -	- - -	- - -	<25	<25	<25	<25	NL	NL	NL	NL
sec-Butylbenzene	- - -	- - -	- - -	- - -	<25	<25	<25	<25	NL	NL	NL	NL
Styrene	- - -	- - -	- - -	- - -	<25	<25	<25	<25	NL	NL	NL	NL
tert-Butylbenzene	- - -	- - -	- - -	- - -	<25	<25	<25	<25	NL	NL	NL	NL
Tetrachloroethene	- - -	- - -	- - -	- - -	<25	<25	<25	<25	NL	NL	NL	NL
Toluene	- - -	- - -	- - -	- - -	<25	<25	<25	<25	1500	NL	NL	NL
trans-1,2-Dichloroethene	- - -	- - -	- - -	- - -	<25	<25	<25	<25	NL	NL	NL	NL
trans-1,3-dichloropropene	- - -	- - -	- - -	- - -	<25	<25	<25	<25	NL	NL	NL	NL
Trichloroethene	- - -	- - -	- - -	- - -	<25	<25	<25	<25	NL	NL	NL	NL
Vinyl chloride	- - -	- - -	- - -	- - -	<25	<25	<25	<25	NL	NL	NL	NL
Xylenes, total	- - -	- - -	- - -	- - -	<75	<75	<75	<75	4100	NL	NL	NL

Notes: < = analyte not detected above method detection limit ; - - - = not analyzed ; NL = No Generic Limit Specified ; Q = analyte detected at concentration between limit of detection and limit of quantification

[1]Door County Cooperative Property is Zoned Commercial

Exceedance of the Generic or Suggested Non-Industrial RCL indicated by: 100

[2]DATCP = Department of Agriculture, Trade, and Consumer Protection/Suggested RCL for Combined Nitrogen, Ammonia and Nitrogen, Nitrate+ Nitrate

[3]Suggested RCL established in Wisconsin Department of Natural Resources' Interim Guidance RR-519-97

Table 2: Groundwater Analytical Results
Door County Cooperative
92 East Maple Street
Sturgeon Bay, Wisconsin

Sample	B-1	B-2	WAC NR 140 PHGWQ Standards[1]	
Date	10/03/05	10/03/05	Enforcement Standard (ES)	Preventive Action Limit (PAL)
INORGANICS	***Concentration (milligrams/liter)***			
Nitrogen, Ammonia	2.9	4.5	NL	NL
Nitrogen, Ammonium	3.1	4.8	NL	NL
Nitrogen, Nitrate + Nitrite	0.24	1.9	10	2

Notes:

< = analyte not detected above method detection limit ; M = matrix effect present; NL = No Limit Specified

Q = analyte detected at concentration between limit of detection and limit of quantification; - - - = not analyzed

[1]WAC NR 140 PHGWQ Standards = Wisconsin Administrative Code Chapter NR 140 Public Health Groundwater Quality Standards

Exceedance of the NR 140 ES indicated by: **100**

Exceedance of the NR 140 PAL indicated by: **100**

Table 3: Soil Vapor Probe Monitoring Results
Door County Cooperative
92 East Maple Street
Sturgeon Bay, Wisconsin

Soil Probe Location	VP-1	VP-2			VP-3	VP-4	VP-5		Methane Explosive Limits[1]	
Soil Probe Depth (feet)	2.5	4.7	3.0	4.7	2.5	2.5	2.5	2.5	Lower Explosive Limit (LEL)	Upper Explosive Limit (UEL)
Installation/Monitoring Date	10/03/05	10/03/05	10/03/05	10/03/05	10/03/05	10/03/05	10/03/05	10/03/05		
Elapsed Time (minutes)	1	1	40	90	1	1	1	15		
	Concentration (%)									
Methane	0.0	29.6	17.2	12.8	0.0	0.0	35.8	13.0		
Oxygen	19.4	1.3	7.2	9.8	12.8	19.8	3.8	12.0	5	15
Carbon Dioxide	1.1	15.2	9.5	7.3	6.7	0.2	6.1	4.0		

Notes:

[1]In the Presence of at Least 12.1% Oxygen

2.7 Recommendations

Concentrations of methane detected in the subsurface at the site exceeded the UEL. Concentrations of methane between the UEL and LEL are considered to be within the explosive range if they are in the presence of at least 12.1% oxygen. The potential exists for methane to migrate through the subsurface (e.g., via utility corridors) into adjacent structures (particularly structures with enclosed basements or crawlspaces) at concentrations between the LEL and UEL. STS did not assess the potential for methane migration during this Phase II.

STS contacted Mr. Zellmer to discuss the observed methane. Mr. Zellmer indicated that if the site is redeveloped in the future, it may be regulated by the WDNR pursuant to s. NR 506.085, Wisconsin Administrative Code (i.e. development of a historical fill site). Furthermore, a methane assessment and exemption application to construct on a historic fill site may be required prior to redevelopment.

Visual and olfactory observations completed during the Phase II did not reveal staining, odors, or other evidence to suggest that the lead and PAH detections at the site were related to the areas of concern assessed as part of the Phase II. Rather, visual and olfactory observations suggest that the detected concentrations are most likely associated with urban fill placed on the site as documented in historical Sanborn maps from the late 1800s and early 1900s. If the areas with lead and PAH detections are disturbed in the future, the soil will likely require management as a solid waste in general accordance with local, state, and federal laws. Nevertheless, due to the concentrations of lead and PAHs detected in soil samples, the WDNR reporting requirements identified in s.292.11, Wisconsin Statutes (i.e. Wisconsin Spills Law), may be applicable to the site.

3.0 GENERAL QUALIFICATIONS

Conclusions presented in this report are based on our professional interpretation of the information collected during this investigation. Our conclusions are limited by the accuracy and completeness of the information provided by others. Therefore, if additional information is disclosed or an alteration of the information occurs, the conclusions presented in this report may need to be revised.

Conclusions presented in this report are also based on subsurface conditions as revealed in soil borings and vapor probes advanced at the time of the assessment. Stratification lines as shown on the boring logs (Appendix A) represent the approximate boundaries between soil types. Variations in soil types and subsurface conditions may exist in both the horizontal and vertical directions away from the borings and vapor probes. Approximate groundwater depths and estimated direction of groundwater flow may be influenced by seasonal variations, existing ditches, underground utility installations, and/or other natural and manmade features.

STS has prepared this report at the request of its client. STS assumes responsibility for the accuracy of the contents of this report, subject to what is stated elsewhere in this section, but recommends this report be used only for the purposes intended by the client and STS at the time this report was prepared. This report may be unsuitable for other uses, and reliance on its content by anyone other than the client is done at the sole risk of the user. STS accepts no responsibility for re-interpretation of the results by anyone other than the client.

Door County Cooperative
STS Project No. 4-29887XF

Appendix A

WDNR Boring Log Information Forms

WDNR Monitoring Well Construction Forms

WDNR Well/Drillhole/Borehole Abandonment Forms

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Door County Cooperative		B-1

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
STS Consultants Ltd. - R. Treml - STS Project No. 29887XF	10/3/2005	10/3/2005	solid stem auger

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
		B-1	Feet MSL	Feet MSL	4.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane N, E S/C/N
1/4 of NE 1/4 of Section 7, T 27 N, R 26 E
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N Feet ☐ S ☐ E Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Door	15	Sturgeon Bay

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1 SS	24 / 21	39	1.5	Fill: Brown silty sand (SM) with small to large gravel - moist - no odor	SM									
2 SS	24 / 20	10	3.0											
3 SS	24 / 6	4	4.5											
4 SS	24 / 4	6	6.0	Fill: Brown silty sand (SM) - trace large gravel - wet	SM									
			7.5											
			9.0	End of Boring. Boring advanced from 0.0 feet to 0.0 feet with solid-stem auger. Installed temporary monitoring well at 10.0 feet.										

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

Signature [signature] Firm STS Consultants Ltd. 1035 Kepler Drive Green Bay, Wisconsin 54311 Tel: 920-468-1978 Fax: 920-468-3312

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Door County Cooperative		B-2

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
STS Consultants Ltd. - R. Treml - STS Project No. 29887XF	10/3/2005	10/3/2005	solid stem auger

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
		B-2	Feet MSL	Feet MSL	4.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane N, E S/C/N
1/4 of NE 1/4 of Section 7, T 27 N, R 26 E
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N Feet ☐ S ☐ E Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Door	15	Sturgeon Bay

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1 SS	24 / 12	50	1.5	Fill: Brown silty sand (SM) with coarse gravel - moist - no odor	SM									
2 SS	24 / 2	23	3.0											
3 SS	24 / 7	19	4.5	Brown silty sand with large gravel - moist to wet - no odor	SM									
4 SS	24 / 5	13	6.0	Brown silty sand (SM) with trace large gravel - wet - no odor	SM									
			7.5											
			9.0	End of Boring. Boring advanced from 0.0 feet to 10.0 feet with solid-stem auger. Installed temporary monitoring well at 10.0 feet.										

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

Signature [signature] Firm STS Consultants Ltd.
1035 Kepler Drive Green Bay, Wisconsin 54311
Tel: 920-468-1978
Fax: 920-468-3312

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Door County Cooperative		B-3

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
STS Consultants Ltd. - R. Treml - STS Project No. 29887XF	10/3/2005	10/3/2005	solid stem auger

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
		B-3	Feet MSL	Feet MSL	4.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane N, E S/C/N
1/4 of NE 1/4 of Section 7, T 27 N, R 26 E
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N Feet ☐ S ☐ E Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Door	15	Sturgeon Bay

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1 SS	24 / 18	11	0.0	Fill: Silty sand (SM) - trace fine to coarse gravel - trace cinders - trace clay - moist - no odor	SM									
			1.5											
2 SS	24 / 22	8		Fill: Brown silty fine to coarse sand (SM) - trace gravel - moist - no odor	SM									
			3.0											
3 SS	24 / 14	13		Fill: Brown silty fine to coarse sand (SM) - trace gravel - moist to wet - no odor	SM									
			4.5											
4 SS	24 / 14	19		Brown silty coarse sand (SM) - trace small to large gravel - wet - no odor	SM									
			6.0											
			7.5	End of Boring. Boring advanced from 0.0 feet to 8.0 feet with solid-stem auger.										

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

Signature: [signature] Firm: STS Consultants Ltd. 1035 Kepler Drive Green Bay, Wisconsin 54311 Tel: 920-468-1978 Fax: 920-468-3312

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Door County Cooperative		B-4

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
STS Consultants Ltd. - R. Treml - STS Project No. 29887XF	10/3/2005	10/3/2005	solid stem auger

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
		B-4	Feet MSL	Feet MSL	4.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane N, E S/C/N
1/4 of NE 1/4 of Section 7, T 27 N, R 26 E
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N Feet ☐ S ☐ E Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Door	15	Sturgeon Bay

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1 SS	24 / 24	12	1.5	Fill: Brown fine to coarse sand (SP) - trace small gravel - moist - no odor	SP									
2 SS	24 / 18	15	3.0											
3 SS	24 / 15	7	4.5	Fill: Brown fine to coarse silty sand (SM) - trace silty clay or clayey silt - moist to wet - no odor	SM									
4 SS	24 / 20	5	6.0	Dark brown gray silty sand (SM) - trace wood and gravel - wet - no odor	SM									
			7.5	End of Boring. Boring advanced from 0.0 feet to 8.0 feet with solid-stem auger.										

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

Signature [signature] Firm STS Consultants Ltd. 1035 Kepler Drive Green Bay, Wisconsin 54311 Tel: 920-468-1978 Fax: 920-468-3312

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Door County Cooperative		B-5

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
STS Consultants Ltd. - R. Treml - STS Project No. 29887XF	10/3/2005	10/3/2005	solid stem auger

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
		B-5	Feet MSL	Feet MSL	4.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane N, E S/C/N
1/4 of NE 1/4 of Section 7, T 27 N, R 26 E
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N ☐ E Feet ☐ S Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Door	15	Sturgeon Bay

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
				Asphalt										
1 SS	18 12	12	1.5	Fill Brown silty sand (SM) - trace fine to coarse gravel - moist - no odor	SM									
2 SS	24 14	9	3.0	Fill: Brown silty sand (SM) - trace gravel - moist - no odor	SM									
3 SS	24 12	3	4.5	Fill: Brown silty sand (SM) - trace gravel - wet from 6 to 8 feet - no odor	SM									
4 SS	24 8	6	6.0											
			7.5	End of Boring. Boring advanced from 0.0 feet to 8.0 feet with solid-stem auger.										

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

Signature [signature] Firm STS Consultants Ltd. 1035 Kepler Drive Green Bay, Wisconsin 54311 Tel: 920-468-1978 Fax: 920-468-3312

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Door County Cooperative		B-6

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
STS Consultants Ltd. - R. Treml - STS Project No. 29887XF	10/3/2005	10/3/2005	hand auger

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
		B-6	Feet MSL	Feet MSL	2.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane N, E S/C/N
1/4 of NE 1/4 of Section 7, T 27 N, R 26 E
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N ☐ E Feet ☐ S Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Door	15	Sturgeon Bay

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			1	Fill: Brown silty sand (SM) - little fine to coarse gravel - moist - no odor	SM									
			2	End of Boring. Boring advanced from 0.0 feet to 2.0 feet with hand auger. Auger refusal at 2.0 feet. Boring abandoned with hole plug.										

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

Signature [signature] Firm STS Consultants Ltd. 1035 Kepler Drive Green Bay, Wisconsin 54311 Tel: 920-468-1978 Fax: 920-468-3312

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Door County Cooperative		B-7

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
STS Consultants Ltd. - R. Treml - STS Project No. 29887XF	10/3/2005	10/3/2005	hand auger

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
		B-7	Feet MSL	Feet MSL	2.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane N, E S/C/N
1/4 of NE 1/4 of Section 7, T 27 N, R 26 E
Lat ___° ___' ___"
Long ___° ___' ___"
Local Grid Location ☐ N Feet ☐ S ☐ E Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Door	15	Sturgeon Bay

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			1	Fill: Brown silty sand (SM) - little fine to coarse gravel - moist - no odor	SM									
			2	End of Boring. Boring advanced from 0.0 feet to 2.0 feet with hand auger. Auger refusal at 2.0 feet. Boring abandoned with hole plug.										

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

Signature [signature] Firm STS Consultants Ltd. 1035 Kepler Drive Green Bay, Wisconsin 54311 Tel: 920-468-1978 Fax: 920-468-3312

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Door County Cooperative		B-8

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
STS Consultants Ltd. - R. Treml - STS Project No. 29887XF	10/3/2005	10/3/2005	solid stem auger

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
		B-8	Feet MSL	Feet MSL	4.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane N, E S/C/N
1/4 of NE 1/4 of Section 7, T 27 N, R 26 E
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N Feet ☐ S ☐ E Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Door	15	Sturgeon Bay

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1 SS	18 / 14	5	1.5	Asphalt Fill: Brown fine to medium silty sand (SM) with fine gravel - trace cinders - trace clay - moist - no odor	SM									
2 SS	24 / 18	10	3.0	Fill: Brown fine to medium silty sand (SM) - trace wood - trace glass - moist - no odor	SM									
3 SS	24 / 17	2	4.5	Fill: Brown silty sand (SM) - trace gravel - trace cinders - trace clay - trace wood - moist to wet - no odor	SM									
4 SS	24 / 14	9	6.0 7.5	Dark grayish-brown silty fine sand (SM) - trace organics - trace wood - wet - no odor	SM									
				End of Boring. Boring advanced from 0.0 feet to 8.0 feet with solid-stem auger. Boring abandoned with hole plug.										

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

Signature [signature] Firm STS Consultants Ltd.
1035 Kepler Drive Green Bay, Wisconsin 54311
Tel: 920-468-1978
Fax: 920-468-3312

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

State of Wisconsin
Department of Natural Resources

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

MONITORING WELL CONSTRUCTION
Form 4400-113A Rev. 7-98

Facility/Project Name: Door County Cooperative	Local Grid Location of Well: ____ ft. ☐ N. ☐ S. ____ ft. ☐ E. ☐ W.	Well Name: B-1
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No. / DNR Well Number
Facility ID	St. Plane ____ ft. N, ____ ft. E. S/C/N	Date Well Installed: 10/03/2005
Type of Well: Well Code 99/ot	Section Location of Waste/Source: ____ 1/4 of NE 1/4 of Sec. 7, T. 27 N, R. 26 ☒ E ☐ W	Well Installed By: (Person's Name and Firm): Randy Treml
Distance from Waste/Source ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number: ____
		STS Consultants Ltd.

A. Protective pipe, top elevation ____ ft. MSL
B. Well casing, top elevation ____ ft. MSL
C. Land surface elevation ____ ft. MSL
D. Surface seal, bottom ____ ft. MSL or ____ ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☐
SM ☒ SC ☐ ML ☐ MH ☐ CL ☐ CH ☐
Bedrock ☐

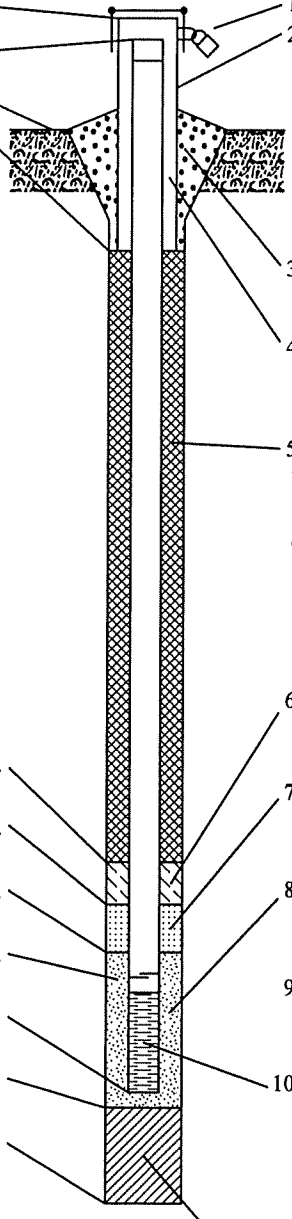
13. Sieve analysis attached? ☐ Yes ☐ No

14. Drilling method used: Rotary ☐ 5 0
Hollow Stem Auger ☐ 4 1
solid-stem auger Other ☒

15. Drilling fluid used: Water ☐ 0 2 Air ☐ 0 1
Drilling Mud ☐ 0 3 None ☒ 9 9

16. Drilling additives used? ☐ Yes ☒ No
Describe ____

17. Source of water (attach analysis, if required):
____



E. Bentonite seal, top ____ ft. MSL or 0.0 ft.
F. Fine sand, top ____ ft. MSL or 3.0 ft.
G. Filter pack, top ____ ft. MSL or 4.0 ft.
H. Screen joint, top ____ ft. MSL or 5.0 ft.
I. Well bottom ____ ft. MSL or 10.0 ft.
J. Filter pack, bottom ____ ft. MSL or 10.0 ft.
K. Borehole, bottom ____ ft. MSL or 10.0 ft.
L. Borehole, diameter 4.0 in.
M. O.D. well casing 2.00 in.
N. I.D. well casing 2.00 in.

1. Cap and lock? ☐ Yes ☒ No
2. Protective cover pipe:
a. Inside diameter: ____ in.
b. Length: ____ ft.
c. Material: Steel ☐ 0 4
____ Other ☒
d. Additional protection? ☐ Yes ☒ No
If yes, describe: ____
3. Surface seal: Bentonite ☒ 3 0
Concrete ☐ 0 1
____ Other ☐
4. Material between well casing and protective pipe:
Bentonite ☒ 3 0
____ Other ☐
5. Annular space seal: a. Granular/Chipped Bentonite ☐ 3 3
b. ____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 3 5
c. ____ Lbs/gal mud weight . . . Bentonite slurry ☐ 3 1
d. ____ % Bentonite . . . Bentonite-cement grout ☐ 5 0
e. ____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 0 1
Tremie pumped ☐ 0 2
Gravity ☒ 0 8
6. Bentonite seal: a. Bentonite granules ☒ 3 3
b. ☐ 1/4 in. ☐ 3/8 in. ☐ 1/2 in. Bentonite chips ☐ 3 2
c. ____ Other ☐
7. Fine sand material: Manufacturer, product name & mesh size
a. 45/55 Badger Sand
b. Volume added ____ ft^3
8. Filter pack material: Manufacturer, product name & mesh size
a. 45/55 Badger Sand
b. Volume added ____ ft^3
9. Well casing: Flush threaded PVC schedule 40 ☒ 2 3
Flush threaded PVC schedule 80 ☐ 2 4
____ Other ☐
10. Screen material: PVC
a. Screen Type: Factory cut ☒ 1 1
Continuous slot ☐ 0 1
____ Other ☐
b. Manufacturer Buffalo
c. Slot size: 0.010 in.
d. Slotted length: 0.0 ft.
11. Backfill material (below filter pack): None ☒ 1 4
____ Other ☐

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

Signature: Randy Treml | Firm: STS Consultants Ltd., 1035 Kepler Drive Green Bay, Wisconsin 54311 | Tel: 920-468-1978 Fax: 920-468-3312

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

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

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: Door County Cooperative	Local Grid Location of Well: ____ ft. ☐ N. ☐ S. ____ ft. ☐ E. ☐ W.	Well Name: B-2
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No. / DNR Well Number
Facility ID	St. Plane ____ ft. N, ____ ft. E. S/C/N	Date Well Installed: 10/03/2005
Type of Well: Well Code 99/ot	Section Location of Waste/Source: ____ 1/4 of NE 1/4 of Sec. 7, T. 27 N, R. 26 ☒ E ☐ W	Well Installed By: (Person's Name and Firm): Randy Treml; STS Consultants Ltd.
Distance from Waste/Source ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number

A. Protective pipe, top elevation ____ ft. MSL

B. Well casing, top elevation ____ ft. MSL

C. Land surface elevation ____ ft. MSL

D. Surface seal, bottom ____ ft. MSL or ____ ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☐
SM ☒ SC ☐ ML ☐ MH ☐ CL ☐ CH ☐
Bedrock ☐

13. Sieve analysis attached? ☐ Yes ☐ No

14. Drilling method used: Rotary ☐ 5 0
Hollow Stem Auger ☐ 4 1
solid-stem auger Other ☒

15. Drilling fluid used: Water ☐ 0 2 Air ☐ 0 1
Drilling Mud ☐ 0 3 None ☒ 9 9

16. Drilling additives used? ☐ Yes ☒ No
Describe ____

17. Source of water (attach analysis, if required):

E. Bentonite seal, top ____ ft. MSL or 0.0 ft.

F. Fine sand, top ____ ft. MSL or 3.0 ft.

G. Filter pack, top ____ ft. MSL or 4.0 ft.

H. Screen joint, top ____ ft. MSL or 5.0 ft.

I. Well bottom ____ ft. MSL or 10.0 ft.

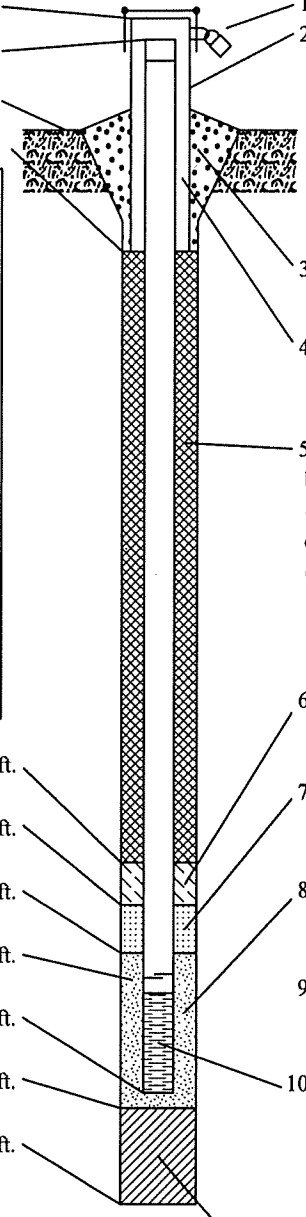
J. Filter pack, bottom ____ ft. MSL or 10.0 ft.

K. Borehole, bottom ____ ft. MSL or 10.0 ft.

L. Borehole, diameter 4.0 in.

M. O.D. well casing 2.00 in.

N. I.D. well casing 2.00 in.



1. Cap and lock? ☐ Yes ☒ No

2. Protective cover pipe:
a. Inside diameter: ____ in.
b. Length: ____ ft.
c. Material: Steel ☐ 0 4
____ Other ☒
d. Additional protection? ☐ Yes ☒ No
If yes, describe: ____

3. Surface seal: Bentonite ☒ 3 0
Concrete ☐ 0 1
____ Other ☐

4. Material between well casing and protective pipe:
Bentonite ☒ 3 0
____ Other ☐

5. Annular space seal: a. Granular/Chipped Bentonite ☐ 3 3
b. ____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 3 5
c. ____ Lbs/gal mud weight . . . Bentonite slurry ☐ 3 1
d. ____ % Bentonite . . . Bentonite-cement grout ☐ 5 0
e. ____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 0 1
Tremie pumped ☐ 0 2
Gravity ☒ 0 8

6. Bentonite seal: a. Bentonite granules ☒ 3 3
b. ☐ 1/4 in. ☐ 3/8 in. ☐ 1/2 in. Bentonite chips ☐ 3 2
c. ____ Other ☐

7. Fine sand material: Manufacturer, product name & mesh size
a. 45/55 Badger Sand
b. Volume added ____ ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. 45/55 Badger Sand
b. Volume added ____ ft^3

9. Well casing: Flush threaded PVC schedule 40 ☒ 2 3
Flush threaded PVC schedule 80 ☐ 2 4
____ Other ☐

10. Screen material: PVC
a. Screen Type: Factory cut ☒ 1 1
Continuous slot ☐ 0 1
____ Other ☐
b. Manufacturer Buffalo
c. Slot size: 0.010 in.
d. Slotted length: 0.0 ft.

11. Backfill material (below filter pack): None ☒ 1 4
____ Other ☐

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

Signature ____ Firm STS Consultants Ltd. 1035 Kepler Drive Green Bay, Wisconsin 54311 Tel: 920-468-1978 Fax: 920-468-3312

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT
Form 3300-5 2/2000 Page 1 of 2

Notice: Please complete Form 3300-5 and return it to the appropriate DNR office and bureau. Completion of this report is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See the instructions for more information.

Route to: ☐ Drinking Water ☐ Watershed/Wastewater ☐ Waste Management ☐ Remediation/Redevelopment ☐ Other _____

(1) GENERAL INFORMATION

WI Unique Well No. | DNR Well ID No. | County: Door

Common Well Name: B-1 Gov't Lot (if applicable)

Grid Location: ___ 1/4 of NE 1/4 of Sec. 7 ; T. 27 N; R. 26 ☒ E ☐ W

_____ ft. ☐ N. ☐ S., _____ ft. ☐ E. ☐ W.

Local Grid Origin ☐ (estimated: ☐) or Well Location ☐

Lat ___ ° ___ ' ___ " Long ___ ° ___ ' ___ "

State Plane _____ ft. N. _____ ft. E. S ☐ C ☐ N ☐ Zone

Reason For Abandonment: temporary well

WI Unique Well No. of Replacement Well:

(2) FACILITY /OWNER INFORMATION

Facility Name: Door County Cooperative

Facility ID | License/Permit/Monitoring No.

Street Address of Well: 92 East Maple Street

City, Village, or Town: Sturgeon Bay

Present Well Owner: Door County Coop | Original Owner: Door County Cooperative

Street Address or Route of Owner: 92 East Maple Street

City, State, Zip Code: Sturgeon Bay, Wisconsin

(3) WELL/DRILLHOLE/BOREHOLE INFORMATION

Original Construction Date: 10/3/2005

☒ Monitoring Well
☐ Water Well
☐ Drillhole / Borehole

If a Well Construction Report is available, please attach.

Construction Type:
☒ Drilled ☐ Driven (Sandpoint) ☐ Dug
☐ Other (Specify) _____

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft) (From ground surface): 10.0
Casing Diameter (in.): 2.00
Casing Depth (ft.): 10.0
Lower Drillhole Diameter (in.): 4.0

Was Well Annular Space Grouted? ☐ Yes ☒ No ☐ Unknown
If Yes, To What Depth? _____ Feet
Depth to Water (Feet): 5.5

(4) PUMP, LINER, SCREEN, CASING, & SEALING MATERIAL

Pump & Piping Removed?	☐ Yes	☐ No	☒ Not Applicable
Liner(s) Removed?	☐ Yes	☐ No	☒ Not Applicable
Screen Removed?	☒ Yes	☐ No	☐ Not Applicable
Casing Left in Place?	☐ Yes	☒ No	
Was Casing Cut Off Below Surface?	☐ Yes	☒ No	
Did Sealing Material Rise to Surface?	☒ Yes	☐ No	
Did Material Settle After 24 Hours?	☐ Yes	☒ No	
If Yes, Was Hole Retopped?	☐ Yes	☐ No	

Required Method of Placing Sealing Material
☐ Conductor Pipe - Gravity ☐ Conductor Pipe - Pumped
☒ Screened & Poured ☐ Other (Explain)
(Bentonite Chips)

Sealing Materials
☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry
☐ Bentonite-Sand Slurry
☒ Chipped Bentonite

For monitoring wells and monitoring well boreholes only
☐ Bentonite Chips
☐ Granular Bentonite
☐ Bentonite-Cement Grout
☐ Bentonite - Sand Slurry

(5) Sealing Material Used	From (Ft.)	To (Ft.)	Sacks Sealant	Mix Ratio or Mud Weight
hole plug	Surface	10.0	1	

(6) Comments _____

(7) Name of Person or Firm Doing Sealing Work: STS Consultants Ltd.
Date of Abandonment: 10/3/05
Signature of Person Doing Work
Date Signed: 10/13/05
Street or Route: 1035 Kepler Drive
Telephone Number: 920-468-1978
City, State, Zip Code: Green Bay, Wisconsin 54311

FOR DNR OR COUNTY USE ONLY
Date Received Noted By
Comments

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT
Form 3300-5 2/2000 Page 1 of 2

Notice: Please complete Form 3300-5 and return it to the appropriate DNR office and bureau. Completion of this report is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See the instructions for more information.

Route to: ☐ Drinking Water ☐ Watershed/Wastewater ☐ Waste Management ☐ Remediation/Redevelopment ☐ Other _____

(1) GENERAL INFORMATION

WI Unique Well No. | DNR Well ID No. | County: Door

Common Well Name: B-2 Gov't Lot (if applicable): _____

Grid Location: ____ 1/4 of NE 1/4 of Sec. 7 ; T. 27 N; R. 26 ☒ E ☐ W

_____ ft. ☐ N. ☐ S., _____ ft. ☐ E. ☐ W.

Local Grid Origin ☐ (estimated: ☐) or Well Location ☐

Lat ___° ___' ___" Long ___° ___' ___" or

State Plane _____ ft. N. _____ ft. E. S ☐ C ☐ N ☐ Zone

Reason For Abandonment: temporary well | WI Unique Well No. of Replacement Well:

(2) FACILITY /OWNER INFORMATION

Facility Name: Door County Cooperative

Facility ID | License/Permit/Monitoring No.

Street Address of Well: 92 East Maple Street

City, Village, or Town: Sturgeon Bay

Present Well Owner: Door County Coop | Original Owner: Door County Cooperative

Street Address or Route of Owner: 92 East Maple Street

City, State, Zip Code: Sturgeon Bay, Wisconsin

(3) WELL/DRILLHOLE/BOREHOLE INFORMATION

Original Construction Date: 10/3/2005

☒ Monitoring Well
☐ Water Well
☐ Drillhole / Borehole

If a Well Construction Report is available, please attach.

Construction Type:
☒ Drilled ☐ Driven (Sandpoint) ☐ Dug
☐ Other (Specify) _____

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft) 10.0 (From ground surface) Casing Diameter (in.) 2.00
Casing Depth (ft.) 10.0
Lower Drillhole Diameter (in.) 4.0

Was Well Annular Space Grouted? ☐ Yes ☒ No ☐ Unknown
If Yes, To What Depth? _____ Feet
Depth to Water (Feet) 6.0

(4) PUMP, LINER, SCREEN, CASING, & SEALING MATERIAL

Pump & Piping Removed?	☐ Yes	☐ No	☒ Not Applicable
Liner(s) Removed?	☐ Yes	☐ No	☒ Not Applicable
Screen Removed?	☒ Yes	☐ No	☐ Not Applicable
Casing Left in Place?	☐ Yes	☒ No	
Was Casing Cut Off Below Surface?	☐ Yes	☒ No	
Did Sealing Material Rise to Surface?	☒ Yes	☐ No	
Did Material Settle After 24 Hours?	☐ Yes	☒ No	
If Yes, Was Hole Retopped?	☐ Yes	☐ No	

Required Method of Placing Sealing Material
☐ Conductor Pipe - Gravity ☐ Conductor Pipe - Pumped
☒ Screened & Poured ☐ Other (Explain)
(Bentonite Chips)

Sealing Materials
☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry
☐ Bentonite-Sand Slurry
☒ Chipped Bentonite

For monitoring wells and monitoring well boreholes only
☐ Bentonite Chips
☐ Granular Bentonite
☐ Bentonite-Cement Grout
☐ Bentonite - Sand Slurry

(5) Sealing Material Used	From (Ft.)	To (Ft.)	Sacks Sealant	Mix Ratio or Mud Weight
hole plug	Surface	10.0	1	

(6) Comments _____

(7) Name of Person or Firm Doing Sealing Work: STS Consultants Ltd. | Date of Abandonment: 10/3/05

Signature of Person Doing Work: [signature] | Date Signed: 10/13/05

Street or Route: 1035 Kepler Drive | Telephone Number: 920-468-1978

City, State, Zip Code: Green Bay, Wisconsin 54311

FOR DNR OR COUNTY USE ONLY
Date Received Noted By
Comments

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT
Form 3300-5 2/2000 Page 1 of 2

Notice: Please complete Form 3300-5 and return it to the appropriate DNR office and bureau. Completion of this report is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See the instructions for more information.

Route to: ☐ Drinking Water ☐ Watershed/Wastewater ☐ Waste Management ☐ Remediation/Redevelopment ☐ Other _____

(1) GENERAL INFORMATION

WI Unique Well No. | DNR Well ID No. | County: Door

Common Well Name: B-3 Gov't Lot (if applicable)

Grid Location: ___ 1/4 of NE 1/4 of Sec. 7 ; T. 27 N; R. 26 ☒ E ☐ W

_____ ft. ☐ N. ☐ S., _____ ft. ☐ E. ☐ W.

Local Grid Origin ☐ (estimated: ☐) or Well Location ☐

Lat ___ ° ___ ' ___ " Long ___ ° ___ ' ___ " or

State Plane _____ ft. N. _____ ft. E. S ☐ C ☐ N ☐ Zone

Reason For Abandonment: boring complete | WI Unique Well No. of Replacement Well:

(2) FACILITY /OWNER INFORMATION

Facility Name: Door County Cooperative

Facility ID | License/Permit/Monitoring No.

Street Address of Well: 92 East Maple Street

City, Village, or Town: Sturgeon Bay

Present Well Owner: Door County Coop | Original Owner: Door County Cooperative

Street Address or Route of Owner: 92 East Maple Street

City, State, Zip Code: Sturgeon Bay, Wisconsin

(3) WELL/DRILLHOLE/BOREHOLE INFORMATION

Original Construction Date: 10/3/2005

☐ Monitoring Well
☐ Water Well
☒ Drillhole / Borehole

If a Well Construction Report is available, please attach.

Construction Type:
☒ Drilled ☐ Driven (Sandpoint) ☐ Dug
☐ Other (Specify) _____

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft) 8.0 (From ground surface) Casing Diameter (in.) _____
Casing Depth (ft.) _____

Lower Drillhole Diameter (in.) 4.0

Was Well Annular Space Grouted? ☐ Yes ☒ No ☐ Unknown
If Yes, To What Depth? _____ Feet

Depth to Water (Feet) 5.7

(4) PUMP, LINER, SCREEN, CASING, & SEALING MATERIAL

Pump & Piping Removed?	☐ Yes	☐ No	☒ Not Applicable
Liner(s) Removed?	☐ Yes	☐ No	☒ Not Applicable
Screen Removed?	☐ Yes	☐ No	☒ Not Applicable
Casing Left in Place?	☐ Yes	☒ No	
Was Casing Cut Off Below Surface?	☐ Yes	☒ No	
Did Sealing Material Rise to Surface?	☒ Yes	☐ No	
Did Material Settle After 24 Hours?	☐ Yes	☒ No	
If Yes, Was Hole Retopped?	☐ Yes	☐ No	

Required Method of Placing Sealing Material
☐ Conductor Pipe - Gravity ☐ Conductor Pipe - Pumped
☒ Screened & Poured ☐ Other (Explain)
(Bentonite Chips)

Sealing Materials
☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry
☐ Bentonite-Sand Slurry
☒ Chipped Bentonite

For monitoring wells and monitoring well boreholes only
☐ Bentonite Chips
☐ Granular Bentonite
☐ Bentonite-Cement Grout
☐ Bentonite - Sand Slurry

(5) Sealing Material Used	From (Ft.)	To (Ft.)	Sacks Sealant	Mix Ratio or Mud Weight
hole plug	Surface	8.0	1	

(6) Comments _____

(7) Name of Person or Firm Doing Sealing Work: STS Consultants Ltd. | Date of Abandonment: 10/3/05

Signature of Person Doing Work | Date Signed: 10/13/05

Street or Route: 1035 Kepler Drive | Telephone Number: 920-468-1978

City, State, Zip Code: Green Bay, Wisconsin 54311

FOR DNR OR COUNTY USE ONLY

Date Received | Noted By

Comments

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT
Form 3300-5 2/2000 Page 1 of 2

Notice: Please complete Form 3300-5 and return it to the appropriate DNR office and bureau. Completion of this report is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See the instructions for more information.

Route to: ☐ Drinking Water ☐ Watershed/Wastewater ☐ Waste Management ☐ Remediation/Redevelopment ☐ Other _____

(1) GENERAL INFORMATION

WI Unique Well No. | DNR Well ID No. | County: Door

Common Well Name: B-4 Gov't Lot (if applicable)

Grid Location: ___ 1/4 of NE 1/4 of Sec. 7 ; T. 27 N; R. 26 ☒ E ☐ W

___ ft. ☐ N. ☐ S., ___ ft. ☐ E. ☐ W.

Local Grid Origin ☐ (estimated: ☐) or Well Location ☐

Lat ___ ° ___ ' ___ " Long ___ ° ___ ' ___ " or

State Plane ___ ft. N. ___ ft. E. S ☐ C ☐ N ☐ Zone

Reason For Abandonment: boring complete

WI Unique Well No. of Replacement Well:

(2) FACILITY /OWNER INFORMATION

Facility Name: Door County Cooperative

Facility ID | License/Permit/Monitoring No.

Street Address of Well: 92 East Maple Street

City, Village, or Town: Sturgeon Bay

Present Well Owner: Door County Coop | Original Owner: Door County Cooperative

Street Address or Route of Owner: 92 East Maple Street

City, State, Zip Code: Sturgeon Bay, Wisconsin

(3) WELL/DRILLHOLE/BOREHOLE INFORMATION

Original Construction Date: 10/3/2005

☐ Monitoring Well
☐ Water Well
☒ Drillhole / Borehole

If a Well Construction Report is available, please attach.

Construction Type:
☒ Drilled ☐ Driven (Sandpoint) ☐ Dug
☐ Other (Specify) _____

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft) 8.0 (From ground surface) Casing Diameter (in.) ___
Casing Depth (ft.) ___

Lower Drillhole Diameter (in.) 4.0

Was Well Annular Space Grouted? ☐ Yes ☒ No ☐ Unknown

If Yes, To What Depth? ___ Feet

Depth to Water (Feet) 4.7

(4) PUMP, LINER, SCREEN, CASING, & SEALING MATERIAL

Pump & Piping Removed?	☐ Yes	☐ No	☒ Not Applicable
Liner(s) Removed?	☐ Yes	☐ No	☒ Not Applicable
Screen Removed?	☐ Yes	☐ No	☒ Not Applicable
Casing Left in Place?	☐ Yes	☒ No	
Was Casing Cut Off Below Surface?	☐ Yes	☒ No	
Did Sealing Material Rise to Surface?	☒ Yes	☐ No	
Did Material Settle After 24 Hours?	☐ Yes	☒ No	
If Yes, Was Hole Retopped?	☐ Yes	☐ No	

Required Method of Placing Sealing Material
☐ Conductor Pipe - Gravity ☐ Conductor Pipe - Pumped
☒ Screened & Poured ☐ Other (Explain)
(Bentonite Chips)

Sealing Materials
☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry
☐ Bentonite-Sand Slurry
☒ Chipped Bentonite

For monitoring wells and monitoring well boreholes only
☐ Bentonite Chips
☐ Granular Bentonite
☐ Bentonite-Cement Grout
☐ Bentonite - Sand Slurry

(5) Sealing Material Used	From (Ft.)	To (Ft.)	Sacks Sealant	Mix Ratio or Mud Weight
hole plug	Surface	8.0	1	

(6) Comments _____

(7) Name of Person or Firm Doing Sealing Work: STS Consultants Ltd. | Date of Abandonment: 10/3/05

Signature of Person Doing Work | Date Signed: 10/13/05

Street or Route: 1035 Kepler Drive | Telephone Number: 920-468-1978

City, State, Zip Code: Green Bay, Wisconsin 54311

FOR DNR OR COUNTY USE ONLY

Date Received | Noted By

Comments

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT
Form 3300-5 2/2000 Page 1 of 2

Notice: Please complete Form 3300-5 and return it to the appropriate DNR office and bureau. Completion of this report is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See the instructions for more information.

Route to: ☐ Drinking Water ☐ Watershed/Wastewater ☐ Waste Management ☐ Remediation/Redevelopment ☐ Other

(1) GENERAL INFORMATION

WI Unique Well No. | DNR Well ID No. | County: Door

Common Well Name: B-5 Gov't Lot (if applicable)

Grid Location: ___ 1/4 of NE 1/4 of Sec. 7 ; T. 27 N; R. 26 ☒ E ☐ W

___ ft. ☐ N. ☐ S., ___ ft. ☐ E. ☐ W.

Local Grid Origin ☐ (estimated: ☐) or Well Location ☐

Lat ___ ° ___ ' ___ " Long ___ ° ___ ' ___ " or

State Plane ___ ft. N. ___ ft. E. S ☐ C ☐ N ☐ Zone

Reason For Abandonment: boring complete | WI Unique Well No. of Replacement Well:

(2) FACILITY /OWNER INFORMATION

Facility Name: Door County Cooperative

Facility ID | License/Permit/Monitoring No.

Street Address of Well: 92 East Maple Street

City, Village, or Town: Sturgeon Bay

Present Well Owner: Door County Coop | Original Owner: Door County Cooperative

Street Address or Route of Owner: 92 East Maple Street

City, State, Zip Code: Sturgeon Bay, Wisconsin

(3) WELL/DRILLHOLE/BOREHOLE INFORMATION

Original Construction Date: 10/3/2005

☐ Monitoring Well
☐ Water Well
☒ Drillhole / Borehole

If a Well Construction Report is available, please attach.

Construction Type:
☒ Drilled ☐ Driven (Sandpoint) ☐ Dug
☐ Other (Specify)

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft) 8.0 (From ground surface) Casing Diameter (in.) ___
Casing Depth (ft.) ___

Lower Drillhole Diameter (in.) 4.0

Was Well Annular Space Grouted? ☐ Yes ☒ No ☐ Unknown

If Yes, To What Depth? ___ Feet

Depth to Water (Feet) 4.1

(4) PUMP, LINER, SCREEN, CASING, & SEALING MATERIAL

Pump & Piping Removed?	☐ Yes	☐ No	☒ Not Applicable
Liner(s) Removed?	☐ Yes	☐ No	☒ Not Applicable
Screen Removed?	☐ Yes	☐ No	☒ Not Applicable
Casing Left in Place?	☐ Yes	☒ No	
Was Casing Cut Off Below Surface?	☐ Yes	☒ No	
Did Sealing Material Rise to Surface?	☒ Yes	☐ No	
Did Material Settle After 24 Hours?	☐ Yes	☒ No	
If Yes, Was Hole Retopped?	☐ Yes	☐ No	

Required Method of Placing Sealing Material
☐ Conductor Pipe - Gravity ☐ Conductor Pipe - Pumped
☒ Screened & Poured ☐ Other (Explain)
(Bentonite Chips)

Sealing Materials
☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry
☐ Bentonite-Sand Slurry
☒ Chipped Bentonite

For monitoring wells and monitoring well boreholes only
☐ Bentonite Chips
☐ Granular Bentonite
☐ Bentonite-Cement Grout
☐ Bentonite - Sand Slurry

(5) Sealing Material Used	From (Ft.)	To (Ft.)	Sacks Sealant	Mix Ratio or Mud Weight
hole plug	Surface	8.0	1	

(6) Comments ___

(7) Name of Person or Firm Doing Sealing Work: STS Consultants Ltd. | Date of Abandonment: 10/3/05

Signature of Person Doing Work | Date Signed: 10/13/05

Street or Route: 1035 Kepler Drive | Telephone Number: 920-468-1978

City, State, Zip Code: Green Bay, Wisconsin 54311

FOR DNR OR COUNTY USE ONLY
Date Received Noted By
Comments

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT
Form 3300-5 2/2000 Page 1 of 2

Notice: Please complete Form 3300-5 and return it to the appropriate DNR office and bureau. Completion of this report is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See the instructions for more information.

Route to: ☐ Drinking Water ☐ Watershed/Wastewater ☐ Waste Management ☐ Remediation/Redevelopment ☐ Other _____

(1) GENERAL INFORMATION

WI Unique Well No. | DNR Well ID No. | County: Door

Common Well Name: B-6 | Gov't Lot (if applicable):

Grid Location: ___ 1/4 of NE 1/4 of Sec. 7 ; T. 27 N; R. 26 ☒ E ☐ W

_____ ft. ☐ N. ☐ S., _____ ft. ☐ E. ☐ W.

Local Grid Origin ☐ (estimated: ☐) or Well Location ☐

Lat ° ' " Long ° ' " or

State Plane _____ ft. N. _____ ft. E. S ☐ C ☐ N ☐ Zone

Reason For Abandonment: boring complete | WI Unique Well No. of Replacement Well:

(2) FACILITY /OWNER INFORMATION

Facility Name: Door County Cooperative

Facility ID | License/Permit/Monitoring No.

Street Address of Well: 92 East Maple Street

City, Village, or Town: Sturgeon Bay

Present Well Owner: Door County Coop | Original Owner: Door County Cooperative

Street Address or Route of Owner: 92 East Maple Street

City, State, Zip Code: Sturgeon Bay, Wisconsin

(3) WELL/DRILLHOLE/BOREHOLE INFORMATION

Original Construction Date: 10/3/2005

☐ Monitoring Well
☐ Water Well
☒ Drillhole / Borehole

If a Well Construction Report is available, please attach.

Construction Type:
☒ Drilled ☐ Driven (Sandpoint) ☐ Dug
☐ Other (Specify) _____

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft) 2.0 (From ground surface) Casing Diameter (in.) _____
Casing Depth (ft.) _____

Lower Drillhole Diameter (in.) 4.0

Was Well Annular Space Grouted? ☐ Yes ☒ No ☐ Unknown

If Yes, To What Depth? _____ Feet

Depth to Water (Feet) _____

(4) PUMP, LINER, SCREEN, CASING, & SEALING MATERIAL

Pump & Piping Removed?	☐ Yes	☐ No	☒ Not Applicable
Liner(s) Removed?	☐ Yes	☐ No	☒ Not Applicable
Screen Removed?	☐ Yes	☐ No	☒ Not Applicable
Casing Left in Place?	☐ Yes	☒ No	
Was Casing Cut Off Below Surface?	☐ Yes	☒ No	
Did Sealing Material Rise to Surface?	☒ Yes	☐ No	
Did Material Settle After 24 Hours?	☐ Yes	☒ No	
If Yes, Was Hole Retopped?	☐ Yes	☐ No	

Required Method of Placing Sealing Material
☐ Conductor Pipe - Gravity ☐ Conductor Pipe - Pumped
☒ Screened & Poured ☐ Other (Explain)
(Bentonite Chips)

Sealing Materials
☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry
☐ Bentonite-Sand Slurry
☒ Chipped Bentonite

For monitoring wells and monitoring well boreholes only
☐ Bentonite Chips
☐ Granular Bentonite
☐ Bentonite-Cement Grout
☐ Bentonite - Sand Slurry

(5) Sealing Material Used	From (Ft.)	To (Ft.)	Sacks Sealant	Mix Ratio or Mud Weight
hole plug	Surface	2.0	0.2	

(6) Comments _____

(7) Name of Person or Firm Doing Sealing Work: STS Consultants Ltd. | Date of Abandonment: 10/3/05

Signature of Person Doing Work | Date Signed: 10/13/05

Street or Route: 1035 Kepler Drive | Telephone Number: 920-468-1978

City, State, Zip Code: Green Bay, Wisconsin 54311

FOR DNR OR COUNTY USE ONLY
Date Received Noted By
Comments

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT
Form 3300-5 2/2000 Page 1 of 2

Notice: Please complete Form 3300-5 and return it to the appropriate DNR office and bureau. Completion of this report is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See the instructions for more information.

Route to: ☐ Drinking Water ☐ Watershed/Wastewater ☐ Waste Management ☐ Remediation/Redevelopment ☐ Other _____

(1) GENERAL INFORMATION

WI Unique Well No. | DNR Well ID No. | County: Door

Common Well Name: B-7 Gov't Lot (if applicable)

Grid Location: ___ 1/4 of NE 1/4 of Sec. 7 ; T. 27 N; R. 26 ☒ E ☐ W

_____ ft. ☐ N. ☐ S., _____ ft. ☐ E. ☐ W.

Local Grid Origin ☐ (estimated: ☐) or Well Location ☐

Lat ___ ° ___ ' ___ " Long ___ ° ___ ' ___ " or

State Plane _____ ft. N. _____ ft. E. S ☐ C ☐ N ☐ Zone

Reason For Abandonment: boring complete | WI Unique Well No. of Replacement Well:

(2) FACILITY /OWNER INFORMATION

Facility Name: Door County Cooperative

Facility ID | License/Permit/Monitoring No.

Street Address of Well: 92 East Maple Street

City, Village, or Town: Sturgeon Bay

Present Well Owner: Door County Coop | Original Owner: Door County Cooperative

Street Address or Route of Owner: 92 East Maple Street

City, State, Zip Code: Sturgeon Bay, Wisconsin

(3) WELL/DRILLHOLE/BOREHOLE INFORMATION

Original Construction Date: 10/3/2005

☐ Monitoring Well
☐ Water Well
☒ Drillhole / Borehole

If a Well Construction Report is available, please attach.

Construction Type:
☒ Drilled ☐ Driven (Sandpoint) ☐ Dug
☐ Other (Specify) _____

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft) (From ground surface): 2.0 Casing Diameter (in.) _____
Casing Depth (ft.) _____

Lower Drillhole Diameter (in.): 4.0

Was Well Annular Space Grouted? ☐ Yes ☒ No ☐ Unknown

If Yes, To What Depth? _____ Feet

Depth to Water (Feet) _____

(4) PUMP, LINER, SCREEN, CASING, & SEALING MATERIAL

Pump & Piping Removed?	☐ Yes	☐ No	☒ Not Applicable
Liner(s) Removed?	☐ Yes	☐ No	☒ Not Applicable
Screen Removed?	☐ Yes	☐ No	☒ Not Applicable
Casing Left in Place?	☐ Yes	☒ No	
Was Casing Cut Off Below Surface?	☐ Yes	☒ No	
Did Sealing Material Rise to Surface?	☒ Yes	☐ No	
Did Material Settle After 24 Hours?	☐ Yes	☒ No	
If Yes, Was Hole Retopped?	☐ Yes	☐ No	

Required Method of Placing Sealing Material
☐ Conductor Pipe - Gravity ☐ Conductor Pipe - Pumped
☒ Screened & Poured ☐ Other (Explain)
(Bentonite Chips)

Sealing Materials
☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry
☐ Bentonite-Sand Slurry
☒ Chipped Bentonite

For monitoring wells and monitoring well boreholes only
☐ Bentonite Chips
☐ Granular Bentonite
☐ Bentonite-Cement Grout
☐ Bentonite - Sand Slurry

(5) Sealing Material Used	From (Ft.)	To (Ft.)	Sacks Sealant	Mix Ratio or Mud Weight
hole plug	Surface	2.0	0.2	

(6) Comments _____

(7) Name of Person or Firm Doing Sealing Work: STS Consultants Ltd. | Date of Abandonment: 10/3/05

Signature of Person Doing Work | Date Signed: 10/13/05

Street or Route: 1035 Kepler Drive | Telephone Number: 920-468-1978

City, State, Zip Code: Green Bay, Wisconsin 54311

FOR DNR OR COUNTY USE ONLY
Date Received Noted By
Comments

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT
Form 3300-5 2/2000 Page 1 of 2

Notice: Please complete Form 3300-5 and return it to the appropriate DNR office and bureau. Completion of this report is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See the instructions for more information.

Route to: ☐ Drinking Water ☐ Watershed/Wastewater ☐ Waste Management ☐ Remediation/Redevelopment ☐ Other

(1) GENERAL INFORMATION

WI Unique Well No. | DNR Well ID No. | County: Door

Common Well Name: B-8 Gov't Lot (if applicable)

Grid Location: ___ 1/4 of NE 1/4 of Sec. 7 ; T. 27 N; R. 26 ☒ E ☐ W

___ ft. ☐ N. ☐ S., ___ ft. ☐ E. ☐ W.

Local Grid Origin ☐ (estimated: ☐) or Well Location ☐

Lat ___ ° ___ ' ___ " Long ___ ° ___ ' ___ " or

State Plane ___ ft. N. ___ ft. E. S ☐ C ☐ N ☐ Zone

Reason For Abandonment: boring complete | WI Unique Well No. of Replacement Well:

(2) FACILITY /OWNER INFORMATION

Facility Name: Door County Cooperative

Facility ID | License/Permit/Monitoring No.:

Street Address of Well: 92 East Maple Street

City, Village, or Town: Sturgeon Bay

Present Well Owner: Door County Coop | Original Owner: Door County Cooperative

Street Address or Route of Owner: 92 East Maple Street

City, State, Zip Code: Sturgeon Bay, Wisconsin

(3) WELL/DRILLHOLE/BOREHOLE INFORMATION

Original Construction Date: 10/3/2005

☐ Monitoring Well
☐ Water Well
☒ Drillhole / Borehole

If a Well Construction Report is available, please attach.

Construction Type:
☒ Drilled ☐ Driven (Sandpoint) ☐ Dug
☐ Other (Specify)

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft) 8.0 (From ground surface) Casing Diameter (in.) ___
Casing Depth (ft.) ___

Lower Drillhole Diameter (in.) 4.0

Was Well Annular Space Grouted? ☐ Yes ☒ No ☐ Unknown

If Yes, To What Depth? ___ Feet

Depth to Water (Feet) 5.3

(4) PUMP, LINER, SCREEN, CASING, & SEALING MATERIAL

Pump & Piping Removed?	☐ Yes	☐ No	☒ Not Applicable
Liner(s) Removed?	☐ Yes	☐ No	☒ Not Applicable
Screen Removed?	☐ Yes	☐ No	☒ Not Applicable
Casing Left in Place?	☐ Yes	☒ No	
Was Casing Cut Off Below Surface?	☐ Yes	☒ No	
Did Sealing Material Rise to Surface?	☒ Yes	☐ No	
Did Material Settle After 24 Hours?	☐ Yes	☒ No	
If Yes, Was Hole Retopped?	☐ Yes	☐ No	

Required Method of Placing Sealing Material
☐ Conductor Pipe - Gravity ☐ Conductor Pipe - Pumped
☒ Screened & Poured ☐ Other (Explain)
(Bentonite Chips)

Sealing Materials
☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry
☐ Bentonite-Sand Slurry
☒ Chipped Bentonite

For monitoring wells and monitoring well boreholes only
☐ Bentonite Chips
☐ Granular Bentonite
☐ Bentonite-Cement Grout
☐ Bentonite - Sand Slurry

(5) Sealing Material Used	From (Ft.)	To (Ft.)	Sacks Sealant	Mix Ratio or Mud Weight
hole plug	Surface	8.0	1	

(6) Comments ___

(7) Name of Person or Firm Doing Sealing Work: STS Consultants Ltd. | Date of Abandonment: 10/3/05

Signature of Person Doing Work | Date Signed: 10/13/05

Street or Route: 1035 Kepler Drive | Telephone Number: 920-468-1978

City, State, Zip Code: Green Bay, Wisconsin 54311

FOR DNR OR COUNTY USE ONLY
Date Received Noted By
Comments

Door County Cooperative
STS Project No. 4-29887XF

Appendix B

Laboratory Analytical Reports

Pace Analytical®

1241 Bellevue Street, Suite 9
Green Bay, WI 54302
920-469-2436, Fax: 920-469-8827

Analytical Report Number: 864629

Client: STS CONSULTANTS

Lab Contact: Eric Bullock

Project Name: DOOR CO. COOP

Project Number: 4-29887XF

Lab Sample Number	Field ID	Matrix	Collection Date
864629-001	B1 (4-6)	SOIL	10/03/05 08:45
864629-002	B5 (2-4)	SOIL	10/03/05 09:25
864629-003	B2 (4-5)	SOIL	10/03/05 10:25
864629-004	B3 (4-6)	SOIL	10/03/05 11:05
864629-005	B4 (4-5)	SOIL	10/03/05 11:30
864629-006	B8 (2-4)	SOIL	10/03/05 12:10
864629-007	B7/HA7 (1-2)	SOIL	10/03/05 12:45
864629-008	B6/HA6 (1-2)	SOIL	10/03/05 13:45

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc. The sample results relate only to the analytes of interest tested.

Approval Signature

10-10-05
Date

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 864629

Client : STS CONSULTANTS
Project Name : DOOR CO. COOP
Project Number : 4-29887XF
Field ID : B1 (4-6)

Matrix Type : SOIL
Collection Date : 10/03/05
Report Date : 10/07/05
Lab Sample Number : 864629-001

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Nitrogen, Ammonia	4.4	3.7	12		1	mg/kg	Q	10/06/05	EPA M350.1	EPA M350.1
Nitrogen, Ammonium	4.7	3.9	13		1.06	mg/kg	QA	10/06/05	EPA M350.1	EPA M350.1
Nitrogen, NO3 + NO2 - Soluble	1.7	0.82	2.7		1	mg/kg	Q	10/05/05	EPA M300.0	EPA M300.0
Percent Solids	95.1				1	%		10/05/05	SM M2540G	SM M2540G

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 864629

Client : STS CONSULTANTS
Project Name : DOOR CO. COOP
Project Number : 4-29887XF
Field ID : B2 (4-5)

Matrix Type : SOIL
Collection Date : 10/03/05
Report Date : 10/07/05
Lab Sample Number : 864629-003

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Nitrogen, Ammonia	29	4.5	15		1	mg/kg		10/06/05	EPA M350.1	EPA M350.1
Nitrogen, Ammonium	31	4.8	16		1.06	mg/kg		10/06/05	EPA M350.1	EPA M350.1
Nitrogen, NO3 + NO2 - Soluble	1.3	0.79	2.6		1	mg/kg	QN*	10/05/05	EPA M300.0	EPA M300.0
Percent Solids	99.0				1	%		10/05/05	SM M2540G	SM M2540G

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 864629

Client : STS CONSULTANTS
Project Name : DOOR CO. COOP
Project Number : 4-29887XF
Field ID : B3 (4-6)

Matrix Type : SOIL
Collection Date : 10/03/05
Report Date : 10/07/05
Lab Sample Number : 864629-004

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Lead	INCL.									
Percent Solids	94.8				1	%		10/05/05	SM M2540G	SM M2540G

PVOC + NAPHTHALENE

Prep Date: 10/05/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,2,4-Trimethylbenzene	< 25	25	60		50	ug/kg		10/05/05	SW846 5030B	SW846 M8021
1,3,5-Trimethylbenzene	< 25	25	60		50	ug/kg		10/05/05	SW846 5030B	SW846 M8021
Benzene	< 25	25	60		50	ug/kg		10/05/05	SW846 5030B	SW846 M8021
Ethylbenzene	< 25	25	60		50	ug/kg		10/05/05	SW846 5030B	SW846 M8021
Methyl-tert-butyl-ether	< 25	25	60		50	ug/kg		10/05/05	SW846 5030B	SW846 M8021
Naphthalene	< 25	25	60		50	ug/kg		10/05/05	SW846 5030B	SW846 M8021
Toluene	< 25	25	60		50	ug/kg		10/05/05	SW846 5030B	SW846 M8021
Xylene, o	< 25	25	60		50	ug/kg		10/05/05	SW846 5030B	SW846 M8021
Xylenes, m + p	< 50	50	120		50	ug/kg		10/05/05	SW846 5030B	SW846 M8021
Surrogate		**LCL**	**UCL**							
a,a,a-Trifluorotoluene	100	80	119		1	%		10/05/05	SW846 5030B	SW846 M8021

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 864629

Client : STS CONSULTANTS
Project Name : DOOR CO. COOP
Project Number : 4-29887XF
Field ID : B4 (4-5)

Matrix Type : SOIL
Collection Date : 10/03/05
Report Date : 10/07/05
Lab Sample Number : 864629-005

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Lead	INCL.									
Percent Solids	96.0				1	%		10/05/05	SM M2540G	SM M2540G

PVOC + NAPHTHALENE

Prep Date: 10/05/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,2,4-Trimethylbenzene	< 25	25	60		50	ug/kg		10/05/05	SW846 5030B	SW846 M8021
1,3,5-Trimethylbenzene	< 25	25	60		50	ug/kg		10/05/05	SW846 5030B	SW846 M8021
Benzene	< 25	25	60		50	ug/kg		10/05/05	SW846 5030B	SW846 M8021
Ethylbenzene	< 25	25	60		50	ug/kg		10/05/05	SW846 5030B	SW846 M8021
Methyl-tert-butyl-ether	< 25	25	60		50	ug/kg		10/05/05	SW846 5030B	SW846 M8021
Naphthalene	< 25	25	60		50	ug/kg		10/05/05	SW846 5030B	SW846 M8021
Toluene	< 25	25	60		50	ug/kg		10/05/05	SW846 5030B	SW846 M8021
Xylene, o	< 25	25	60		50	ug/kg		10/05/05	SW846 5030B	SW846 M8021
Xylenes, m + p	< 50	50	120		50	ug/kg		10/05/05	SW846 5030B	SW846 M8021
Surrogate		**LCL**	**UCL**							
a,a,a-Trifluorotoluene	99	80	119		1	%		10/05/05	SW846 5030B	SW846 M8021

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 864629

Client : STS CONSULTANTS
Project Name : DOOR CO. COOP
Project Number : 4-29887XF
Field ID : B5 (2-4)

Matrix Type : SOIL
Collection Date : 10/03/05
Report Date : 10/07/05
Lab Sample Number : 864629-002

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Percent Solids	91.9				1	%		10/05/05	SM M2540G	SM M2540G

VOLATILES

Prep Date: 10/05/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
1,1-Dichloropropene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
1,3-Dichloropropane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
2,2-Dichloropropane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
2-Chlorotoluene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
4-Chlorotoluene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Benzene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Bromobenzene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Bromochloromethane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Bromodichloromethane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Bromoform	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Bromomethane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Chlorobenzene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Chloroethane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Chloroform	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Chloromethane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Dibromomethane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Diisopropyl Ether	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Ethylbenzene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Hexachlorobutadiene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Isopropylbenzene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 864629

Client : STS CONSULTANTS
Project Name : DOOR CO. COOP
Project Number : 4-29887XF
Field ID : B5 (2-4)

Matrix Type : SOIL
Collection Date : 10/03/05
Report Date : 10/07/05
Lab Sample Number : 864629-002

VOLATILES

Prep Date: 10/05/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methylene Chloride	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Naphthalene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
N-Butylbenzene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
n-Propylbenzene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
p-Isopropyltoluene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
sec-Butylbenzene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Styrene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
tert-Butylbenzene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Tetrachloroethene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Toluene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Trichloroethene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Vinyl Chloride	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Xylene, o	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Xylenes, m + p	< 50	50	120		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Surrogate		**LCL**	**UCL**							
4-Bromofluorobenzene	96	66	119		50	%		10/05/05	SW846 5030B	SW846 8260B
Toluene-d8	101	73	123		50	%		10/05/05	SW846 5030B	SW846 8260B
Dibromofluoromethane	102	62	123		50	%		10/05/05	SW846 5030B	SW846 8260B

PAH/PNA

Prep Date: 10/05/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	5.1	3.3	11		1	ug/Kg	Q	10/05/05	SW846 3545	8270C-SIM
2-Methylnaphthalene	6.3	3.4	11		1	ug/Kg	Q	10/05/05	SW846 3545	8270C-SIM
Acenaphthene	< 3.2	3.2	11		1	ug/Kg		10/05/05	SW846 3545	8270C-SIM
Acenaphthylene	13	3.1	10		1	ug/Kg		10/05/05	SW846 3545	8270C-SIM
Anthracene	11	3.9	13		1	ug/Kg	Q	10/05/05	SW846 3545	8270C-SIM
Benzo(a)anthracene	50	5.8	19		1	ug/Kg		10/05/05	SW846 3545	8270C-SIM
Benzo(a)pyrene	85	3.1	10		1	ug/Kg		10/05/05	SW846 3545	8270C-SIM
Benzo(b)fluoranthene	98	3.1	10		1	ug/Kg		10/05/05	SW846 3545	8270C-SIM
Benzo(ghi)perylene	49	3.9	13		1	ug/Kg		10/05/05	SW846 3545	8270C-SIM
Benzo(k)fluoranthene	73	3.3	11		1	ug/Kg		10/05/05	SW846 3545	8270C-SIM
Chrysene	62	4.7	16		1	ug/Kg		10/05/05	SW846 3545	8270C-SIM
Dibenz(a,h)anthracene	29	3.0	10		1	ug/Kg		10/05/05	SW846 3545	8270C-SIM
Fluoranthene	39	3.1	10		1	ug/Kg		10/05/05	SW846 3545	8270C-SIM
Fluorene	< 3.7	3.7	12		1	ug/Kg		10/05/05	SW846 3545	8270C-SIM
Indeno(1,2,3-cd)pyrene	39	2.7	9.1		1	ug/Kg		10/05/05	SW846 3545	8270C-SIM
Naphthalene	< 4.4	4.4	15		1	ug/Kg		10/05/05	SW846 3545	8270C-SIM
Phenanthrene	16	3.2	11		1	ug/Kg		10/05/05	SW846 3545	8270C-SIM
Pyrene	62	2.7	8.9		1	ug/Kg		10/05/05	SW846 3545	8270C-SIM
Surrogate		**LCL**	**UCL**							
Nitrobenzene-d5	88	20	130		1	%		10/05/05	SW846 3545	8270C-SIM
2-Fluorobiphenyl	101	30	130		1	%		10/05/05	SW846 3545	8270C-SIM
Terphenyl-d14	104	41	130		1	%		10/05/05	SW846 3545	8270C-SIM

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 864629

Client : STS CONSULTANTS
Project Name : DOOR CO. COOP
Project Number : 4-29887XF
Field ID : B6/HA6 (1-2)

Matrix Type : SOIL
Collection Date : 10/03/05
Report Date : 10/07/05
Lab Sample Number : 864629-008

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Cadmium	INCL.									
Chromium	INCL.									
Lead	INCL.									
Percent Solids	95.3				1	%		10/05/05	SM M2540G	SM M2540G

VOLATILES

Prep Date: 10/05/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
1,1-Dichloropropene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
1,3-Dichloropropane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
2,2-Dichloropropane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
2-Chlorotoluene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
4-Chlorotoluene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Benzene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Bromobenzene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Bromochloromethane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Bromodichloromethane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Bromoform	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Bromomethane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Chlorobenzene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Chloroethane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Chloroform	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Chloromethane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Dibromomethane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Diisopropyl Ether	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Ethylbenzene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 864629

Client : STS CONSULTANTS
Project Name : DOOR CO. COOP
Project Number : 4-29887XF
Field ID : B6/HA6 (1-2)

Matrix Type : SOIL
Collection Date : 10/03/05
Report Date : 10/07/05
Lab Sample Number : 864629-008

VOLATILES

Prep Date: 10/05/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Fluorotrichloromethane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Hexachlorobutadiene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Isopropylbenzene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Methylene Chloride	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Naphthalene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
N-Butylbenzene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
n-Propylbenzene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
p-Isopropyltoluene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
sec-Butylbenzene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Styrene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
tert-Butylbenzene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Tetrachloroethene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Toluene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Trichloroethene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Vinyl Chloride	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Xylene, o	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Xylenes, m + p	< 50	50	120		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Surrogate		**LCL**	**UCL**							
4-Bromofluorobenzene	100	66	119		50	%		10/05/05	SW846 5030B	SW846 8260B
Toluene-d8	106	73	123		50	%		10/05/05	SW846 5030B	SW846 8260B
Dibromofluoromethane	105	62	123		50	%		10/05/05	SW846 5030B	SW846 8260B

PAH/PNA

Prep Date: 10/05/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	10	3.2	11		1	ug/Kg	Q	10/05/05	SW846 3545	8270C-SIM
2-Methylnaphthalene	12	3.3	11		1	ug/Kg		10/05/05	SW846 3545	8270C-SIM
Acenaphthene	3.2	3.1	10		1	ug/Kg	Q	10/05/05	SW846 3545	8270C-SIM
Acenaphthylene	42	3.0	10		1	ug/Kg		10/05/05	SW846 3545	8270C-SIM
Anthracene	25	3.7	12		1	ug/Kg		10/05/05	SW846 3545	8270C-SIM
Benzo(a)anthracene	80	5.6	19		1	ug/Kg		10/05/05	SW846 3545	8270C-SIM
Benzo(a)pyrene	140	3.0	10		1	ug/Kg		10/05/05	SW846 3545	8270C-SIM
Benzo(b)fluoranthene	150	2.9	9.8		1	ug/Kg		10/05/05	SW846 3545	8270C-SIM
Benzo(ghi)perylene	79	3.7	12		1	ug/Kg		10/05/05	SW846 3545	8270C-SIM
Benzo(k)fluoranthene	130	3.2	11		1	ug/Kg		10/05/05	SW846 3545	8270C-SIM
Chrysene	130	4.6	15		1	ug/Kg		10/05/05	SW846 3545	8270C-SIM
Dibenz(a,h)anthracene	24	2.9	9.6		1	ug/Kg		10/05/05	SW846 3545	8270C-SIM
Fluoranthene	260	3.0	10		1	ug/Kg		10/05/05	SW846 3545	8270C-SIM
Fluorene	9.4	3.6	12		1	ug/Kg	Q	10/05/05	SW846 3545	8270C-SIM
Indeno(1,2,3-cd)pyrene	70	2.6	8.8		1	ug/Kg		10/05/05	SW846 3545	8270C-SIM
Naphthalene	17	4.2	14		1	ug/Kg		10/05/05	SW846 3545	8270C-SIM
Phenanthrene	220	3.1	10		1	ug/Kg		10/05/05	SW846 3545	8270C-SIM
Pyrene	240	2.6	8.6		1	ug/Kg		10/05/05	SW846 3545	8270C-SIM

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 864629

Client : STS CONSULTANTS
Project Name : DOOR CO. COOP
Project Number : 4-29887XF
Field ID : B6/HA6 (1-2)

Matrix Type : SOIL
Collection Date : 10/03/05
Report Date : 10/07/05
Lab Sample Number : 864629-008

PAH/PNA

Prep Date: 10/05/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Surrogate		**LCL**	**UCL**							
Nitrobenzene-d5	83	20	130		1	%		10/05/05	SW846 3545	8270C-SIM
2-Fluorobiphenyl	99	30	130		1	%		10/05/05	SW846 3545	8270C-SIM
Terphenyl-d14	92	41	130		1	%		10/05/05	SW846 3545	8270C-SIM

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 864629

Client : STS CONSULTANTS
Project Name : DOOR CO. COOP
Project Number : 4-29887XF
Field ID : B7/HA7 (1-2)

Matrix Type : SOIL
Collection Date : 10/03/05
Report Date : 10/07/05
Lab Sample Number : 864629-007

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Cadmium	INCL.									
Chromium	INCL.									
Lead	INCL.									
Percent Solids	91.0				1	%		10/05/05	SM M2540G	SM M2540G

VOLATILES

Prep Date: 10/05/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
1,1-Dichloropropene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
1,3-Dichloropropane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
2,2-Dichloropropane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
2-Chlorotoluene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
4-Chlorotoluene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Benzene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Bromobenzene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Bromochloromethane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Bromodichloromethane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Bromoform	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Bromomethane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Chlorobenzene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Chloroethane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Chloroform	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Chloromethane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Dibromomethane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Diisopropyl Ether	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Ethylbenzene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 864629

Client : STS CONSULTANTS
Project Name : DOOR CO. COOP
Project Number : 4-29887XF
Field ID : B7/HA7 (1-2)

Matrix Type : SOIL
Collection Date : 10/03/05
Report Date : 10/07/05
Lab Sample Number : 864629-007

VOLATILES

Prep Date: 10/05/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Fluorotrichloromethane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Hexachlorobutadiene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Isopropylbenzene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Methylene Chloride	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Naphthalene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
N-Butylbenzene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
n-Propylbenzene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
p-Isopropyltoluene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
sec-Butylbenzene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Styrene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
tert-Butylbenzene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Tetrachloroethene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Toluene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Trichloroethene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Vinyl Chloride	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Xylene, o	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Xylenes, m + p	< 50	50	120		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Surrogate		**LCL**	**UCL**							
4-Bromofluorobenzene	106	66	119		50	%		10/05/05	SW846 5030B	SW846 8260B
Toluene-d8	112	73	123		50	%		10/05/05	SW846 5030B	SW846 8260B
Dibromofluoromethane	114	62	123		50	%		10/05/05	SW846 5030B	SW846 8260B

PAH/PNA

Prep Date: 10/05/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	26	3.3	11		1	ug/Kg		10/05/05	SW846 3545	8270C-SIM
2-Methylnaphthalene	34	3.4	11		1	ug/Kg		10/05/05	SW846 3545	8270C-SIM
Acenaphthene	5.6	3.3	11		1	ug/Kg	Q	10/05/05	SW846 3545	8270C-SIM
Acenaphthylene	120	3.2	11		1	ug/Kg		10/05/05	SW846 3545	8270C-SIM
Anthracene	85	3.9	13		1	ug/Kg		10/05/05	SW846 3545	8270C-SIM
Benzo(a)anthracene	180	5.8	19		1	ug/Kg		10/05/05	SW846 3545	8270C-SIM
Benzo(a)pyrene	320	3.2	11		1	ug/Kg		10/05/05	SW846 3545	8270C-SIM
Benzo(b)fluoranthene	320	3.1	10		1	ug/Kg		10/05/05	SW846 3545	8270C-SIM
Benzo(ghi)perylene	160	3.9	13		1	ug/Kg		10/05/05	SW846 3545	8270C-SIM
Benzo(k)fluoranthene	280	3.4	11		1	ug/Kg		10/05/05	SW846 3545	8270C-SIM
Chrysene	220	4.8	16		1	ug/Kg		10/05/05	SW846 3545	8270C-SIM
Dibenz(a,h)anthracene	40	3.0	10		1	ug/Kg		10/05/05	SW846 3545	8270C-SIM
Fluoranthene	260	3.2	11		1	ug/Kg		10/05/05	SW846 3545	8270C-SIM
Fluorene	9.2	3.7	12		1	ug/Kg	Q	10/05/05	SW846 3545	8270C-SIM
Indeno(1,2,3-cd)pyrene	120	2.8	9.2		1	ug/Kg		10/05/05	SW846 3545	8270C-SIM
Naphthalene	31	4.4	15		1	ug/Kg		10/05/05	SW846 3545	8270C-SIM
Phenanthrene	150	3.2	11		1	ug/Kg		10/05/05	SW846 3545	8270C-SIM
Pyrene	310	2.7	9.0		1	ug/Kg		10/05/05	SW846 3545	8270C-SIM

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 864629

Client : STS CONSULTANTS
Project Name : DOOR CO. COOP
Project Number : 4-29887XF
Field ID : B7/HA7 (1-2)

Matrix Type : SOIL
Collection Date : 10/03/05
Report Date : 10/07/05
Lab Sample Number : 864629-007

PAH/PNA

Prep Date: 10/05/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Surrogate		**LCL**	**UCL**							
Nitrobenzene-d5	80	20	130		1	%		10/05/05	SW846 3545	8270C-SIM
2-Fluorobiphenyl	87	30	130		1	%		10/05/05	SW846 3545	8270C-SIM
Terphenyl-d14	97	41	130		1	%		10/05/05	SW846 3545	8270C-SIM

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 864629

Client : STS CONSULTANTS
Project Name : DOOR CO. COOP
Project Number : 4-29887XF
Field ID : B8 (2-4)

Matrix Type : SOIL
Collection Date : 10/03/05
Report Date : 10/07/05
Lab Sample Number : 864629-006

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Cadmium	INCL.									
Chromium	INCL.									
Lead	INCL.									
Percent Solids	81.7				1	%		10/05/05	SM M2540G	SM M2540G

VOLATILES

Prep Date: 10/05/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
1,1-Dichloropropene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
1,3-Dichloropropane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
2,2-Dichloropropane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
2-Chlorotoluene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
4-Chlorotoluene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Benzene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Bromobenzene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Bromochloromethane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Bromodichloromethane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Bromoform	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Bromomethane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Chlorobenzene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Chloroethane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Chloroform	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Chloromethane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Dibromomethane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Diisopropyl Ether	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Ethylbenzene	< 25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 864629

Client : STS CONSULTANTS
Project Name : DOOR CO. COOP
Project Number : 4-29887XF
Field ID : B8 (2-4)

Matrix Type : SOIL
Collection Date : 10/03/05
Report Date : 10/07/05
Lab Sample Number : 864629-006

VOLATILES

Prep Date: 10/05/05

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Fluorotrichloromethane	<	25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Hexachlorobutadiene	<	25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Isopropylbenzene	<	25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Methylene Chloride	<	25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	<	25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Naphthalene	<	25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
N-Butylbenzene	<	25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
n-Propylbenzene	<	25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
p-Isopropyltoluene	<	25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
sec-Butylbenzene	<	25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Styrene	<	25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
tert-Butylbenzene	<	25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Tetrachloroethene	<	25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Toluene	<	25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	<	25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	<	25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Trichloroethene	<	25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Vinyl Chloride	<	25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Xylene, o	<	25	25	60		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Xylenes, m + p	<	50	50	120		50	ug/Kg		10/05/05	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**							
4-Bromofluorobenzene		96	66	119		50	%		10/05/05	SW846 5030B	SW846 8260B
Toluene-d8		104	73	123		50	%		10/05/05	SW846 5030B	SW846 8260B
Dibromofluoromethane		105	62	123		50	%		10/05/05	SW846 5030B	SW846 8260B

PAH/PNA

Prep Date: 10/05/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	32	3.7	12		1	ug/Kg		10/05/05	SW846 3545	8270C-SIM
2-Methylnaphthalene	38	3.8	13		1	ug/Kg		10/05/05	SW846 3545	8270C-SIM
Acenaphthene	8.4	3.6	12		1	ug/Kg	Q	10/05/05	SW846 3545	8270C-SIM
Acenaphthylene	87	3.5	12		1	ug/Kg		10/05/05	SW846 3545	8270C-SIM
Anthracene	77	4.4	15		1	ug/Kg		10/05/05	SW846 3545	8270C-SIM
Benzo(a)anthracene	180	6.5	22		1	ug/Kg		10/05/05	SW846 3545	8270C-SIM
Benzo(a)pyrene	260	3.5	12		1	ug/Kg		10/05/05	SW846 3545	8270C-SIM
Benzo(b)fluoranthene	250	3.4	11		1	ug/Kg		10/05/05	SW846 3545	8270C-SIM
Benzo(ghi)perylene	120	4.4	15		1	ug/Kg		10/05/05	SW846 3545	8270C-SIM
Benzo(k)fluoranthene	240	3.7	12		1	ug/Kg		10/05/05	SW846 3545	8270C-SIM
Chrysene	210	5.3	18		1	ug/Kg		10/05/05	SW846 3545	8270C-SIM
Dibenz(a,h)anthracene	47	3.4	11		1	ug/Kg		10/05/05	SW846 3545	8270C-SIM
Fluoranthene	270	3.5	12		1	ug/Kg		10/05/05	SW846 3545	8270C-SIM
Fluorene	19	4.2	14		1	ug/Kg		10/05/05	SW846 3545	8270C-SIM
Indeno(1,2,3-cd)pyrene	110	3.1	10		1	ug/Kg		10/05/05	SW846 3545	8270C-SIM
Naphthalene	34	4.9	16		1	ug/Kg		10/05/05	SW846 3545	8270C-SIM
Phenanthrene	200	3.6	12		1	ug/Kg		10/05/05	SW846 3545	8270C-SIM
Pyrene	300	3.0	10		1	ug/Kg		10/05/05	SW846 3545	8270C-SIM

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 864629

Client : STS CONSULTANTS
Project Name : DOOR CO. COOP
Project Number : 4-29887XF
Field ID : B8 (2-4)

Matrix Type : SOIL
Collection Date : 10/03/05
Report Date : 10/07/05
Lab Sample Number : 864629-006

PAH/PNA

Prep Date: 10/05/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Surrogate		**LCL**	**UCL**							
Nitrobenzene-d5	94	20	130		1	%		10/05/05	SW846 3545	8270C-SIM
2-Fluorobiphenyl	107	30	130		1	%		10/05/05	SW846 3545	8270C-SIM
Terphenyl-d14	102	41	130		1	%		10/05/05	SW846 3545	8270C-SIM

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Lab Number	TestGroupID	Field ID	Comment
864629-001	W-NH4-S	B1 (4-6)	A - Analyte is detected in the method blank at a concentration of -6.4 mg/kg.
864629-002	PAH+-S	B5 (2-4)	Matrix interference caused internal standard to fail.

Qualifier Codes

Flag	Applies To	Explanation
A	Inorganic	Analyte is detected in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
B	Inorganic	The analyte has been detected between the method detection limit and the reporting limit.
B	Organic	Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
C	All	Elevated detection limit.
D	All	Analyte value from diluted analysis or surrogate result not applicable due to sample dilution.
E	Inorganic	Estimated concentration due to matrix interferences. During the metals analysis the serial dilution failed to meet the established control limits of 0-10%. The sample concentration is greater than 50 times the IDL for analysis done on the ICP or 100 times the IDL for analysis done on the ICP-MS. The result was flagged with the E qualifier to indicate that a physical interference was observed.
E	Organic	Analyte concentration exceeds calibration range.
F	Inorganic	Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Method 6010), this analyte has been confirmed by and reported from an alternate method.
F	Organic	Surrogate results outside control criteria.
G	All	The result is estimated because the concentration is less than the lowest calibration standard concentration utilized in the initial calibration. The method detection limit is less than the reporting limit specified for this project.
H	All	Preservation, extraction or analysis performed past holding time.
HF	Inorganic	This test is considered a field parameter, and the recommended holding time is 15 minutes from collection. The analysis was performed in the laboratory beyond the recommended holding time.
J	All	Concentration detected equal to or greater than the method detection limit but less than the reporting limit.
K	Inorganic	Sample received unpreserved. Sample was either preserved at the time of receipt or at the time of sample preparation.
K	Organic	Detection limit may be elevated due to the presence of an unrequested analyte.
L	All	Elevated detection limit due to low sample volume.
M	Organic	Sample pH was greater than 2
N	All	Spiked sample recovery not within control limits.
O	Organic	Sample received overweight.
P	Organic	The relative percent difference between the two columns for detected concentrations was greater than 40%.
Q	All	The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
S	Organic	The relative percent difference between quantitation and confirmation columns exceeds internal quality control criteria. Because the result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.
U	All	The analyte was not detected at or above the reporting limit.
V	All	Sample received with headspace.
W	All	A second aliquot of sample was analyzed from a container with headspace.
X	All	See Sample Narrative.
Z	Organics	This compound was separated but it did not meet the resolution criteria as set forth in SW846.
&	All	Laboratory Control Spike recovery not within control limits.
*	All	Precision not within control limits.
+	Inorganic	The sample result is greater than four times the spike level: therefore, the percent recovery is not evaluated.
<	All	The analyte was not detected at or above the reporting limit.
1	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses passed QC based on precision criteria.
2	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses failed QC based on precision criteria.
3	Inorganic	BOD result is estimated due to the BOD blank exceeding the allowable oxygen depletion.
4	Inorganic	BOD duplicate precision not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
5	Inorganic	BOD result is estimated due to insufficient oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
6	Inorganic	BOD laboratory control sample not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
7	Inorganic	BOD result is estimated due to complete oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.

Pace Analytical Services, Inc.

Analysis Summary by Laboratory

1241 Bellevue Street
Green Bay, WI 54302

Test Group Name	864629-001	864629-002	864629-003	864629-004	864629-005	864629-006	864629-007	864629-008
CADMIUM						M	M	M
CHROMIUM						M	M	M
LEAD				M	M	M	M	M
NITROGEN, AMMONIA	B		B					
NITROGEN, AMMONIUM	B		B					
NITROGEN, NO3 + NO2 - SOLUBLE	B		B					
PAH/PNA		B				B	B	B
PERCENT SOLIDS	B	B	B	B	B	B	B	B
PVOC + NAPHTHALENE				G	G			
VOLATILES		G				G	G	G

Code	Facility	Address	WI Certification
B	Green Bay Lab (Bellevue St)	1241 Bellevue Street, Suite 9 Green Bay, WI 54302	405132750 / DATCP: 105-444
G	Green Bay Lab (Industrial Dr)	1795 Industrial Drive Green Bay, WI 54302	405132750
M	Minnesota Laboratory	1700 Elm Street, Suite 200 Minneapolis, MN	999407970

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
1700 Elm Street, Suite 200
Minneapolis, MN 55414
Phone: (612)607-1700
Fax: (612)607-6444

October 07, 2005

Client Services
Pace Analytical Green Bay
1241 Bellevue Street
Suite 9
Green Bay, WI 54302

RE: Project: 1020932
Project ID: 864629 STS

Dear Client Services:

Enclosed are the analytical results for sample(s) received by the laboratory on October 05, 2005. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Sylvia Hunter

Sylvia Hunter for
Alyssa A Schmitz
alyssa.schmitz@pacelabs.com

Illinois Certification #: 200011
Iowa Certification #: 368
Minnesota Certification #: 027-053-137
Wisconsin Certification #: 999407970

Enclosures

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
1700 Elm Street, Suite 200
Minneapolis, MN 55414
Phone: (612)607-1700
Fax: (612)607-6444

SAMPLE SUMMARY

Project: 1020932
Project ID: 864629 STS

Lab ID	Sample ID	Matrix	Date Collected	Date Received
1020932001	**864629-004 (B3 (4-6))**	Solid	10/03/05 00:00	10/05/05 09:25
1020932002	**864629-005 (B4 (4-5))**	Solid	10/03/05 00:00	10/05/05 09:25
1020932003	**864629-006 (B8 (2-4))**	Solid	10/03/05 00:00	10/05/05 09:25
1020932004	**864629-007 (B7/HA7 (1-2))**	Solid	10/03/05 00:00	10/05/05 09:25
1020932005	**864629-008 (B-6/HA6 (1-2))**	Solid	10/03/05 00:00	10/05/05 09:25

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
1700 Elm Street, Suite 200
Minneapolis, MN 55414
Phone: (612)607-1700
Fax: (612)607-6444

SAMPLE ANALYTE COUNT

Project: 1020932
Project ID: 864629 STS

Lab ID	Sample ID	Method	Analytes Reported
1020932001	**864629-004 (B3 (4-6))**	% Moisture	1
		EPA 6010	1
1020932002	**864629-005 (B4 (4-5))**	% Moisture	1
		EPA 6010	1
1020932003	**864629-006 (B8 (2-4))**	% Moisture	1
		EPA 6010	3
1020932004	**864629-007 (B7/HA7 (1-2))**	% Moisture	1
		EPA 6010	3
1020932005	**864629-008 (B-6/HA6 (1-2))**	% Moisture	1
		EPA 6010	3

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
1700 Elm Street, Suite 200
Minneapolis, MN 55414
Phone: (612)607-1700
Fax: (612)607-6444

ANALYTICAL RESULTS

Project: 1020932
Project ID: 864629 STS
The solid samples are reported on a dry weight basis.

Lab ID: **1020932001** Date Collected: 10/03/05 00:00 Matrix: Solid
Sample ID: **864629-004 (B3 (4-6))** Date Received: 10/05/05 09:25

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	By	Analyzed	By	CAS No.	Qual	RegLmt
Metals												
6010 MET ICP			Preparation Method: EPA 3050									
			Analytical Method: EPA 6010									
Lead	3.0	mg/kg	0.25	0.13	1	10/05/05 00:00	SS1	10/06/05 15:40	MM1	7439-92-1		
Dry Weight			Analytical Method: % Moisture									
Percent Moisture	5.8	%	0.10	0.10	1			10/05/05 00:00	UO1			

Lab ID: **1020932002** Date Collected: 10/03/05 00:00 Matrix: Solid
Sample ID: **864629-005 (B4 (4-5))** Date Received: 10/05/05 09:25

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	By	Analyzed	By	CAS No.	Qual	RegLmt
Metals												
6010 MET ICP			Preparation Method: EPA 3050									
			Analytical Method: EPA 6010									
Lead	3.4	mg/kg	0.22	0.11	1	10/05/05 00:00	SS1	10/06/05 15:57	MM1	7439-92-1		
Dry Weight			Analytical Method: % Moisture									
Percent Moisture	4.6	%	0.10	0.10	1			10/05/05 00:00	UO1			

Lab ID: **1020932003** Date Collected: 10/03/05 00:00 Matrix: Solid
Sample ID: **864629-006 (B8 (2-4))** Date Received: 10/05/05 09:25

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	By	Analyzed	By	CAS No.	Qual	RegLmt
Metals												
6010 MET ICP			Preparation Method: EPA 3050									
			Analytical Method: EPA 6010									
Cadmium	1.3	mg/kg	0.042	0.021	1	10/05/05 00:00	SS1	10/06/05 16:02	MM1	7440-43-9		
Chromium	11.6	mg/kg	0.42	0.21	1	10/05/05 00:00	SS1	10/06/05 16:02	MM1	7440-47-3		
Lead	343	mg/kg	0.25	0.12	1	10/05/05 00:00	SS1	10/06/05 16:02	MM1	7439-92-1		
Dry Weight			Analytical Method: % Moisture									
Percent Moisture	13.5	%	0.10	0.10	1			10/05/05 00:00	UO1			

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
1700 Elm Street, Suite 200
Minneapolis, MN 55414
Phone: (612)607-1700
Fax: (612)607-6444

ANALYTICAL RESULTS

Project: 1020932

Project ID: 864629 STS

The solid samples are reported on a dry weight basis.

Lab ID: **1020932004** Date Collected: 10/03/05 00:00 Matrix: Solid

Sample ID: **864629-007 (B7/HA7 (1-2))** Date Received: 10/05/05 09:25

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	By	Analyzed	By	CAS No.	Qual	RegLmt
Metals												
6010 MET ICP			Preparation Method: EPA 3050									
			Analytical Method: EPA 6010									
Cadmium	0.32	mg/kg	0.051	0.025	1	10/05/05 00:00	SS1	10/06/05 16:07	MM1	7440-43-9		
Chromium	10.1	mg/kg	0.51	0.25	1	10/05/05 00:00	SS1	10/06/05 16:07	MM1	7440-47-3		
Lead	70.4	mg/kg	0.31	0.15	1	10/05/05 00:00	SS1	10/06/05 16:07	MM1	7439-92-1		
Dry Weight			Analytical Method: % Moisture									
Percent Moisture	10.8	%	0.10	0.10	1			10/05/05 00:00	UO1			

Lab ID: **1020932005** Date Collected: 10/03/05 00:00 Matrix: Solid

Sample ID: **864629-008 (B-6/HA6 (1-2))** Date Received: 10/05/05 09:25

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	By	Analyzed	By	CAS No.	Qual	RegLmt
Metals												
6010 MET ICP			Preparation Method: EPA 3050									
			Analytical Method: EPA 6010									
Cadmium	0.049	mg/kg	0.047	0.024	1	10/05/05 00:00	SS1	10/06/05 16:14	MM1	7440-43-9		
Chromium	5.1	mg/kg	0.47	0.24	1	10/05/05 00:00	SS1	10/06/05 16:14	MM1	7440-47-3		
Lead	14.1	mg/kg	0.28	0.14	1	10/05/05 00:00	SS1	10/06/05 16:14	MM1	7439-92-1		
Dry Weight			Analytical Method: % Moisture									
Percent Moisture	5.1	%	0.10	0.10	1			10/05/05 00:00	UO1			

Pace Analytical Services, Inc.
1700 Elm Street, Suite 200
Minneapolis, MN 55414
Phone: (612)607-1700
Fax: (612)607-6444

ANALYTICAL RESULTS QUALIFIERS

Project: 1020932
Project ID: 864629 STS

PARAMETER QUALIFIERS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
1700 Elm Street, Suite 200
Minneapolis, MN 55414
Phone: (612)607-1700
Fax: (612)607-6444

QUALITY CONTROL DATA

Project: 1020932
Project ID: 864629 STS

QC Batch: MPRP/4335 Analysis Method: % Moisture
QC Batch Method: % Moisture Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 1020932001 1020932002 1020932003 1020932004 1020932005

METHOD BLANK: 142796
Associated Lab Samples: 1020932001 1020932002 1020932003 1020932004 1020932005

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Percent Moisture	%	ND	0.10	

SAMPLE DUPLICATE: 142797

Parameter	Units	1020932001 Result	DUP Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	5.8	5.6	3	30	

Pace Analytical Services, Inc.
1700 Elm Street, Suite 200
Minneapolis, MN 55414
Phone: (612)607-1700
Fax: (612)607-6444

QUALITY CONTROL DATA

Project: 1020932
Project ID: 864629 STS

QC Batch: MPRP/4336 Analysis Method: EPA 6010
QC Batch Method: EPA 3050 Analysis Description: 6010 MET
Associated Lab Samples: 1020876001 1020932001 1020932002 1020932003 1020932004 1020932005

METHOD BLANK: 142800

Associated Lab Samples: 1020932001 1020932002 1020932003 1020932004 1020932005

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Cadmium	mg/kg	0.032J	0.050	
Chromium	mg/kg	ND	0.50	
Lead	mg/kg	ND	0.30	

LABORATORY CONTROL SAMPLE: 142801

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Cadmium	mg/kg	50	47.9	96	80-120	
Chromium	mg/kg	50	51.0	102	80-120	
Lead	mg/kg	50	47.8	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 142803 142804

Parameter	Units	1020932001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Cadmium	mg/kg		49.5	40.3	38.2	81	83	75-125	5	30	
Chromium	mg/kg		49.5	37.6	34.8	68	68	75-125	8	30	1
Lead	mg/kg	3.0	52.53	35.3	33.7	62	63	75-125	5	30	1

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
1700 Elm Street, Suite 200
Minneapolis, MN 55414
Phone: (612)607-1700
Fax: (612)607-6444

QUALITY CONTROL DATA QUALIFIERS

Project: 1020932
Project ID: 864629 STS

QUALITY CONTROL PARAMETER QUALIFIERS

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

QUALITY CONTROL ANALYTE QUALIFIERS

[1] The matrix spike recoveries are unacceptable. Batch acceptance based on LCS recovery.

Sample Condition Upon Receipt

Pace Analytical

Client Name: STS Consultants Project # 9104129

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☒ Client ☐ Commercial ☐ Pace Other_____

Custody Seal on Cooler/Box Present: ☐ yes ☒ no Seals intact: ☐ yes ☐ no

Optional: Proj. Due Date: Proj. Name:

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other_____

Thermometer Used NA Type of Ice: Wet Blue None ☐ Samples on ice, cooling process has begun

Cooler Temperature R01 Biological Tissue is Frozen: Yes No

Temp should be above freezing to 6°C Comments:

Date and Initials of person examining contents: 10-4-05 AB 1110/4/05

Chain of Custody Present:	☒Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☒Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☒Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☒Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☒Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes ☒No ☐N/A	6.
Rush Turn Around Time Requested:	☒Yes ☐No ☐N/A	7. DUE: 10-6-05
Sufficient Volume:	☒Yes ☐No ☐N/A	8.
Correct Containers Used:	☒Yes ☐No ☐N/A	9.
-Pace Containers Used:	☒Yes ☐No ☐N/A	
Containers Intact:	☒Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☒N/A	11.
Sample Labels match COC:	☒Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: S		
All containers needing preservation have been checked.	☐Yes ☐No ☒N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☒Yes ☐No ☐N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	Initial when completed
Samples checked for dechlorination:	☐Yes ☐No ☒N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☐No ☒N/A	15.
Trip Blank Present:	☐Yes ☐No ☒N/A	16.
Trip Blank Custody Seals Present	☐Yes ☐No ☒N/A	
Pace Trip Blank Lot # (if purchased):_____		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: Date/Time:

Comments/ Resolution: Split 1-4oz poly^A from 1-4oz poly^A for samples 004 & 005 for Metals analysis 10-4-05 AB

001, 003 - Rec'd 1-2oz unpreserved par, logins like DRO volume, nothing is requested on COC for that volume, extra volume per Mike DeBrosse SB 10/4/05 CI 10/4/05

Project Manager Review: SB 10/4/05 **Date:**

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

Pace Analytical®

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: of

934925

Section A Required Client Information:

Company	STS CONSULTANTS
Address	1035 KEPLER DR.
	GREEN BAY, WI 54311
Email To:	debraske@stsconsultants.com
Phone	406-3201
Fax	
Requested Due Date/TAT:	10-11-05

Section B Required Project Information:

Report To:	MIKE DEBRASKE
Copy To:	
Purchase Order No.:	
Project Name:	DOOR CO. COOP
Project Number:	4-29887XF

Section C Invoice Information:

Attention:	MIKE DEBRASKE
Company Name:	c/o STS
Address:	
Pace Quote Reference:	
Pace Project Manager:	
Pace Profile #:	

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ Other______

SITE LOCATION ☐GA ☐IL ☐IN ☐MI ☐MN ☐NC ☐OH ☐SC ☐WI ☐OTHER____

Filtered (Y/N)

Requested Analysis:

Pace Project Number: 8U4U29

Section D Required Client Information

SAMPLE ID

One Character per box. (A-Z, 0-9 / ,-) Samples IDs MUST BE UNIQUE

Valid Matrix Codes: MATRIX / CODE — DRINKING WATER DW, WATER WT, WASTE WATER WW, PRODUCT P, SOIL/SOLID SL, OIL OL, WIPE WP, AIR AR, OTHER OT, TISSUE TS

ITEM #	SAMPLE ID		MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	NO_2+NO_3-N, NH_3-N	PVOC + Naphthalene	Pb	PAH	VOC	Cd, Cr	Residual Chlorine (Y/N)	Lab I.D
1	B4(4-8)	001	SL		10-3-05	8:45				2	/								/							1-4oz poly^A, 1-2oz^A
2	B5(2-4)	002	↓		↓	9:25				3	/						/					/	/			1-2oz^5 1-4oz Jar^A
3	B2(4-5)	003				10:25				2	/								/							
4	B3(4-6)	004				11:05				2	/						/			/	/					
5	B4(4-5)	005				11:30				2	/						/			/	/					
6	B8(2-4)	006				12:10				3	/						/			/	/	/	/			
7	B7/HA7(1-2)	007				12:45				3	/						/			/	/	/	/			
8	B6/HA6(1-2)	008	SL		10-3-05	13:45				3	/						/			/	/	/	/			
9																										
10																										
11																										
12																										

Additional Comments:

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITION			
Chris Stempa / STS	10-4	7:50	[signature]	10-4-05	0750	ROI	Y/N	Y/N	Y/N
							Y/N	Y/N	Y/N
							Y/N	Y/N	Y/N
							Y/N	Y/N	Y/N
						Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: CHRIS STEMPA

SIGNATURE of SAMPLER: [signature] DATE Signed (MM / DD / YY): 10-4-05

SEE REVERSE SIDE FOR INSTRUCTIONS

ALLQ020rev.3,31Mar05

Pace Analytical®

1241 Bellevue Street, Suite 9
Green Bay, WI 54302
920-469-2436, Fax: 920-469-8827

Analytical Report Number: 864622

Client: STS CONSULTANTS
Lab Contact: Eric Bullock
Project Name: DOOR CO. COOP
Project Number: 4-29887XF

Lab Sample Number	Field ID	Matrix	Collection Date
864622-001	B1	GW	10/03/05 14:15
864622-002	B2	GW	10/03/05 14:20

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc. The sample results relate only to the analytes of interest tested.

Approval Signature

10-10-05
Date

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 864622

Client : STS CONSULTANTS
Project Name : DOOR CO. COOP
Project Number : 4-29887XF
Field ID : B1

Matrix Type : GROUNDWATER
Collection Date : 10/03/05
Report Date : 10/06/05
Lab Sample Number : 864622-001

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Nitrogen, Ammonia	2.9	0.20	0.67		1	mg/L		10/06/05	EPA 350.1	EPA 350.1
Nitrogen, Ammonium	3.1	0.21	0.71		1.06	mg/L		10/06/05	EPA 350.1	EPA 350.1
Nitrogen, NO3 + NO2	0.24	0.061	0.20		1	mg/L		10/04/05	EPA 353.2	EPA 353.2

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 864622

Client : STS CONSULTANTS
Project Name : DOOR CO. COOP
Project Number : 4-29887XF
Field ID : B2

Matrix Type : GROUNDWATER
Collection Date : 10/03/05
Report Date : 10/06/05
Lab Sample Number : 864622-002

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Nitrogen, Ammonia	4.5	0.20	0.67		1	mg/L		10/06/05	EPA 350.1	EPA 350.1
Nitrogen, Ammonium	4.8	0.21	0.71		1.06	mg/L		10/06/05	EPA 350.1	EPA 350.1
Nitrogen, NO3 + NO2	1.9	0.061	0.20		1	mg/L		10/04/05	EPA 353.2	EPA 353.2

Pace Analytical Services, Inc.

Analysis Summary by Laboratory

1241 Bellevue Street
Green Bay, WI 54302

Test Group Name	864622-001	864622-002
NITROGEN, AMMONIA	B	B
NITROGEN, AMMONIUM	B	B
NITROGEN, NO3 + NO2	B	B

Code	Facility	Address	WI Certification
B	Green Bay Lab (Bellevue St)	1241 Bellevue Street, Suite 9 Green Bay, WI 54302	405132750 / DATCP: 105-444

Pace Analytical

Sample Condition Upon Receipt

Client Name: STS Consultants Project # 8104122

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☒ Client ☐ Commercial ☐ Pace Other_____

Custody Seal on Cooler/Box Present: ☐ yes ☒ no Seals intact: ☐ yes ☐ no

Optional
Proj. Due Date:
Proj. Name:

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☒ None ☐ Other_____

Thermometer Used NA Type of Ice: Wet Blue None ☐ Samples on ice, cooling process has begun

Cooler Temperature R01 Biological Tissue is Frozen: Yes No

Date and Initials of person examining contents: 10-4-05 AB 10/4/05

Temp should be above freezing to 6°C Comments:

Chain of Custody Present:	☒Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☒Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☒Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☒Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☒Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes ☒No ☐N/A	6.
Rush Turn Around Time Requested:	☒Yes ☐No ☐N/A	7. DUE: 10-6-05
Sufficient Volume:	☒Yes ☐No ☐N/A	8.
Correct Containers Used:	☒Yes ☐No ☐N/A	9.
-Pace Containers Used:	☒Yes ☐No ☐N/A	
Containers Intact:	☒Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☒N/A	11.
Sample Labels match COC:	☒Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: W		
All containers needing preservation have been checked.	☒Yes ☐No ☐N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☒Yes ☐No ☐N/A	AB
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	Initial when completed
Samples checked for dechlorination:	☐Yes ☐No ☒N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☐No ☒N/A	15.
Trip Blank Present:	☐Yes ☐No ☒N/A	16.
Trip Blank Custody Seals Present	☐Yes ☐No ☒N/A	
Pace Trip Blank Lot # (if purchased):_____		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted:_____ Date/Time:_____

Comments/ Resolution:_____

Project Manager Review: SB 10/4/05 **Date:**_____

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Pace Analytical®

Page: of

934927

Section A
Required Client Information:

Company	STS Consultants
Address	1035 Kepler Dr.
	Green Bay WI 54311
Email To:	debraske@stsconsultants.com
Phone	406-3201
Fax	
Requested Due Date/TAT:	10-6-05

Section B
Required Project Information:

Report To:	Mike Debraske
Copy To:	
Purchase Order No.:	
Project Name:	Door Co. Coop
Project Number:	4-29887XF

Section C
Invoice Information:

Attention:	Mike Debraske
Company Name:	c/o STS
Address:	
Pace Quote Reference:	
Pace Project Manager:	
Pace Profile #:	

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ Other______

SITE LOCATION

☐GA ☐IL ☐IN ☐MI ☐MN ☐NC
☐OH ☐SC ☐WI ☐OTHER______

Filtered (Y/N)

Requested Analysis: NO2+NO3-N, NH3-N; Residual Chlorine (Y/N)

Pace Project Number: 8604022

Section D Required Client Information

SAMPLE ID

One Character per box.
(A-Z, 0-9 / .-)
Samples IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	NO2+NO3-N, NH3-N	Lab I.D
1	B1 001	GW		10-3-05	14:15				1		✓							✓	1-250 ml
2	B2 002	GW		10-3-05	14:20				1		✓							✓	↓
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			
11																			
12																			

Additional Comments:

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact
Chris Stempa / STS	10-4	7:50	[signature]	10-4-05	0750	Rel	[illegible] Y/N	[illegible] Y/N	(Y)/N
							Y/N	Y/N	Y/N
							Y/N	Y/N	Y/N
							Y/N	Y/N	Y/N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Chris Stempa

SIGNATURE of SAMPLER: [signature]

DATE Signed (MM / DD / YY): 10-4-05

SEE REVERSE SIDE FOR INSTRUCTIONS

ALLQ020rev.3,31Mar05

Door County Cooperative
STS Project No. 4-29887XF

Appendix C

Asbestos Demolition Survey Report

STS CONSULTANTS

STS Consultants, Ltd.
1035 Kepler Drive
Green Bay, Wisconsin 54311

voice 920-468-1978
fax 920-468-3312
web www.stsconsultants.com

October 12, 2005

Mr. Brian Duquaine
Door County Cooperative
317 Green Bay Road
Sturgeon Bay, Wisconsin 54235

Re: Asbestos Demolition Survey, Door County Cooperative, 92 East Maple Street, Sturgeon Bay, Wisconsin -- STS Project No. 4-29887XF

Dear Mr. Duquaine:

STS Consultants, Ltd. (STS) is pleased to provide Door County Cooperative with results of suspect asbestos sampling for structures located at 92 East Maple Street, Sturgeon Bay, Wisconsin. An STS Wisconsin-Certified Asbestos Building Inspector (No. AII-3420) was on site on October 5, 2005, to collect samples of suspect asbestos-containing materials (ACM).

Bulk samples of miscellaneous materials were collected (see attached table) in accordance with OSHA Standard 1926.1101(k)(5)(ii)(b), Communication of Hazards. The bulk samples were submitted to Environmental Hazards Services, LLC, (EHS) of Richmond, Virginia, a National Volunteer Laboratory Accreditation Program laboratory, for bulk asbestos sample analysis. Analysis was conducted using the EPA-recommended "Polarized Light Microscopy with Dispersion Staining Method."

ACM

According to Wisconsin Administrative Code Chapter NR 447.02 (NR 447.02), any material containing greater than 1% asbestos is a potentially regulated ACM.

Analytical results for all bulk sample materials submitted indicated the following ACM:

- Bulk Sample(s) 29887-1, transite panels, contained 25% chrysotile asbestos. The material is located in Rooms 24 and 25.
- Bulk Sample(s) 29887-2A-2C, window glazing, contained 2% chrysotile asbestos. The material is located on the exterior of the windows of the main structure.
- Bulk Sample(s) 29887-3A-3C, 12" x 12" brown specked floor tile and mastic, contained 2% (tile) and 4% (mastic) chrysotile asbestos. The material is located in Rooms 1, 3, 5, and 9 of the main structure.
- Bulk Sample(s) 29887-4, 12" x 12" tan floor tile and mastic, contained 2% chrysotile asbestos in the mastic only. The material is located in Room 10 of the main structure.
- Bulk Sample(s) 29887-8, corrugated fire door lining, contained 50% chrysotile asbestos. The material is located inside the fire door located in Room 22 of the structure.
- Bulk Sample(s) 29887-10, built up asphalt roofing material, contained 2% chrysotile asbestos. The material is located on the roof of the main structure.

Door County Coopertive
STS Project No. 4-29887XF
October 12, 2005

Regulated ACM

NR 447.02 defines any ACM that is "friable, Category I non-friable in poor condition; Category I non-friable that will be or has been subject to sanding, cutting, grinding, or abrading; or Category II non-friable that has a high probability of becoming, or has become, friable due to demolition or renovation activities" as a "regulated asbestos-containing material" or RACM. In order to comply with EPA and NR 447, these materials must be removed prior to demolition or renovation activities.

Analytical results for all bulk sample materials submitted indicated the following ACM:

- Bulk Sample(s) 29887-1, transite panels, contained 25% chrysotile asbestos. The material is located in Rooms 24 and 25.
- Bulk Sample(s) 29887-2A-2C, window glazing, contained 2% chrysotile asbestos. The material is located on the exterior of the windows of the main structure.
- Bulk Sample(s) 29887-3A-3C, 12" x 12" brown specked floor tile and mastic, contained 2% (tile) and 4% (mastic) chrysotile asbestos. The material is located in Rooms 1, 3, 5, and 9 of the main structure.
- Bulk Sample(s) 29887-4, 12" x 12" tan floor tile and mastic, contained 2% chrysotile asbestos in the mastic only. The material is located in Room 10 of the main structure.
- Bulk Sample (s) 29887-8, corrugated fire door lining, contained 50% chrysotile asbestos. The material is located inside the fire door located in Room 22 of the structure.
- Bulk Sample(s) 29887-10, built up asphalt roofing material, contained 2% chrysotile asbestos. The material is located on the roof of the main structure.

Copies of laboratory analytical reports (Bulk Asbestos Sample Analysis Summary), Chain of Custody forms, Inspector Certification Card, and a Glossary of Terms are attached.

Presumed ACM

In addition to identifying ACM within a structure to comply with Wisconsin Department of Natural Resources (WDNR) and EPA regulations, OSHA requires that building owners identify presumed asbestos-containing material (PACM). OSHA Standard 1926.1101 defines PACM as thermal system insulation (TSI), sprayed or troweled-on materials, asphalt, and vinyl flooring materials found in structures constructed no later than 1980. According to OSHA Standard 1926.1101(k)(1), "Employers and building owners shall identify TSI and sprayed or troweled-on surfacing materials in buildings as asbestos-containing, unless they determine, in compliance with Paragraph (k)(5) of 1926.1101, that the material is not asbestos-containing." The Standard also considers asphalt and vinyl flooring material installed no later than 1980 as PACM, unless analytical results from bulk samples collected and analyzed in compliance with Paragraph (k)(5) of 1926.1101 indicate that they are not asbestos-containing.

All bulk samples collected for this survey meet the OSHA definition of PACM. This survey is intended to comply only with WDNR and EPA regulations. Accordingly, the information provided on OSHA is supplemental to this report.

Door County Coopertive
STS Project No. 4-29887XF
October 12, 2005

Recommendations

Methodology employed while conducting this survey complies with state and federal regulations concerning identification, sample collection, analytical processes, and reporting. Therefore, we recommend the building owner communicate this information to outside contractors performing any construction activities that would disturb the ACM.

When conducting demolition or renovation and complying with WDNR and EPA regulations, RACM should be removed and properly disposed of by an asbestos abatement contractor prior to any demolition or renovation.

To comply with OSHA regulations, ACM that will be disturbed during renovation activities should be removed and properly disposed of by an asbestos abatement contractor prior to any renovation.

Suspect ACM and PACM encountered during demolition or renovation activities, which was hidden from view, located in areas not accessible, or not sampled at Client's request will require further sampling and analysis.

General Qualifications

The scope of this asbestos survey is limited to the location of the sampling described herein. Conclusions in this report are based on conditions observed in the accessible areas of the structure. Test results submitted with this report represent specific area(s) as identified by the sample numbers. Material quantities summarized on the Material Identification Tables are approximate. Variations may be present within the structure, which were not observed during this building survey. This report has been prepared with generally accepted environmental practices and procedures. No other warranty, either expressed or implied, is made. Additional PACM encountered that will be disturbed during demolition or renovation activities, differs from materials sampled during this survey, was hidden from view, or located in areas not accessible, will require further sampling and analysis.

STS appreciates the opportunity to provide you with environmental services. If you have any questions regarding the results of these analyses or the project in general, please contact Mr. Jeffery Carlson at (920) 406-3212.

Sincerely,

STS CONSULTANTS, LTD.

Jeffrey S. Carlson
Project Scientist

Roger A. Miller, P.G., CHMM
Associate Hydrogeologist

JSC/djl

Door County Coopertive
STS Project No. 4-29887XF
October 12, 2005

Attachments:

- Representative Sample Collection Location Table
- Material Location Diagrams (2)
- Material Identification Tables (2)
- Bulk Asbestos Sample Analysis Summary
- Chain of Custody Forms
- Inspector Certification Card
- Glossary of Terms

Representative Sample Collection Location Table
Door County Cooperative
92 East Maple Street
Sturgeon Bay, Wisconsin

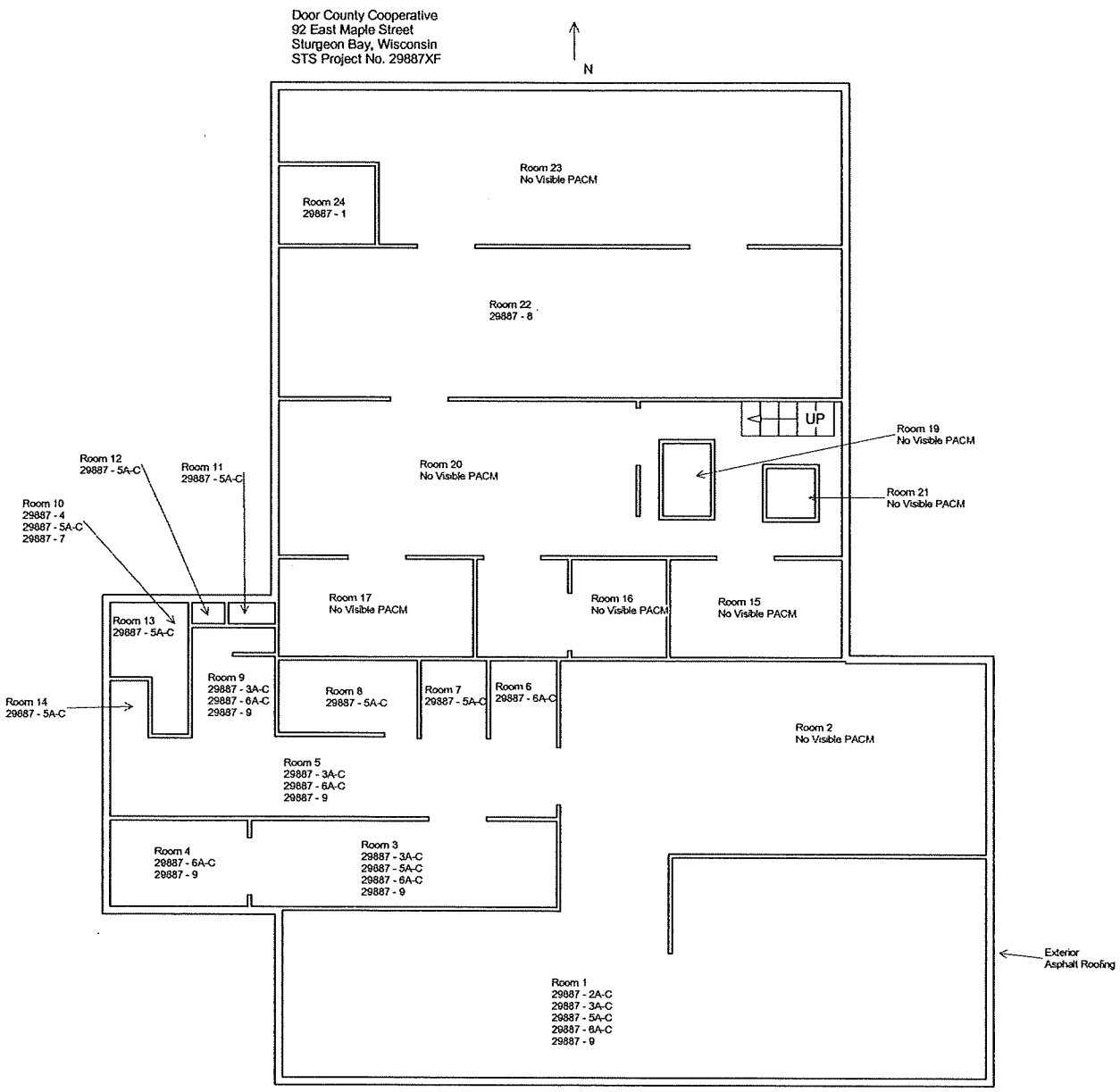
STS Consultants, Ltd.
1035 Kepler Drive
Green Bay, Wisconsin

Client Name: Door County Coop
Building Name: 92 East Maple Street
Sturgeon Bay, Wisconsin

Survey Date: 10/5/2005

Representative Sample No.	Representative Sample Location
29887 - 1	Transite panel material sample collected from Room 25 Exterior
29887 - 2A-C	Window glaze material sample collected from Room 1 Exterior
29887 - 3A-C	12" x 12" brown speckled floor tile and mastic material sample collected from Room 1
29887 - 4	12" x 12" tan floor tile and mastic material sample collected from Room 10
29887 - 5A-C	Drywall and joint compound material sample collected from Room 13
29887 - 6A-C	2' x 4' white fissured ceiling tile material sample collected from Room 3
29887 - 7	4' x 4' tan ceiling tile material sample collected from Room 10
29887 - 8	Corrigated fire door lining material sample collected from Room 22
29887 - 9	Brown baseboard and mastic material sample collected from Room 1
29887 - 10	Asphalt roofing material sample collected from Roof of Main Building
29887 - 11	Fibrous wall lining material sample collected from Room 25
29887 - 12	Window glaze material sample collected from Garage (Propane Garage)

Door County Cooperative
92 East Maple Street
Sturgeon Bay, Wisconsin
STS Project No. 29887XF

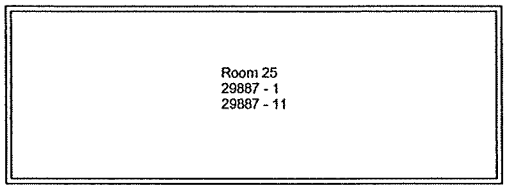


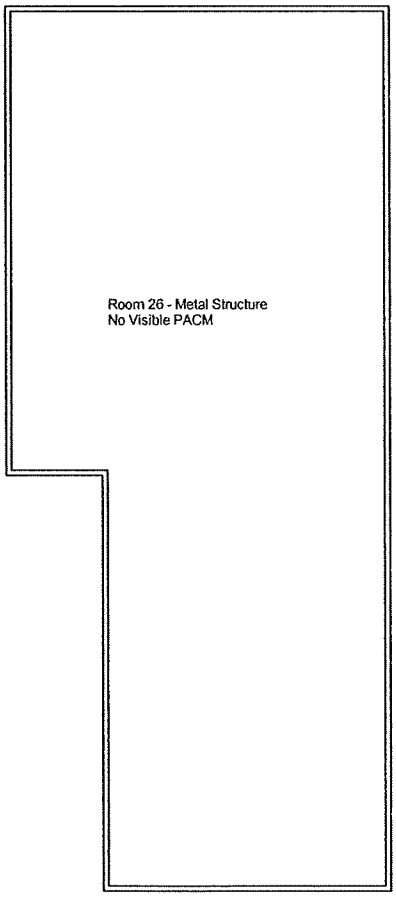
29887 - 1 - Transite Panel
29887 - 2A-C - Window Glaze
29887 - 3A-C - 12" x 12" Brown Speckled Floor Tile and Mastic
29887 - 4 - 12" x 12" Tan Floor Tile and Mastic
29887 - 5A-C - Drywall and Joint Compound
29887 - 6A-C - 2' x 4' White Fissured Ceiling Tile
29887 - 7 - 4' x 4' Tan Ceiling Tile
29887 - 8 - Corrigated Fire Door Lining
29887 - 9 - Brown Baseboard and Mastic
29887 - 10 - Asphalt Roofing
29887 - 11 - Fibrous Wall Lining
29887 - 12 - Window Glaze

Room 18 - Basement
No Visible PACM

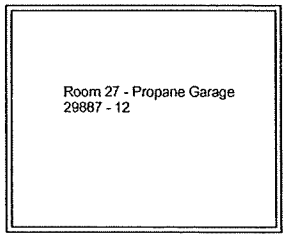
Door County Cooperative
92 East Maple Street
Sturgeon Bay, Wisconsin
STS Project No. 29887XF

N





29887 - 1 - Transite Panel
29887 - 2A-C - Window Glaze
29887 - 3A-C - 12" x 12" Brown Speckled Floor Tile and Mastic
29887 - 4 - 12" x 12" Tan Floor Tile and Mastic
29887 - 5A-C - Drywall and Joint Compound
29887 - 6A-C - 2' x 4' White Fissured Ceiling Tile
29887 - 7 - 4' x 4' Tan Ceiling Tile
29887 - 8 - Corrigated Fire Door Lining
29887 - 9 - Brown Baseboard and Mastic
29887 - 10 - Asphalt Roofing
29887 - 11 - Fibrous Wall Lining
29887 - 12 - Window Glaze



Material Identification Table

STS Consultants, Ltd.
1035 Kepler Drive
Green Bay, Wisconsin

Client Name: Door County Cooperative
Building Name: 92 East Maple Street
Sturgeon Bay, Wisconsin
Survey Date: 10/5/2005

Representative Sample No.	Functional Space	Mat. Code	Material ID	Qty.	Unit	Asbestos Content	Asbestos Type	Condition	Friable
29887 - 2A-C	**Room 1 - Exterior of Main Structure**	**M**	**Window Glaze**	**10**	**EA**	**2%**	**Chrysotile**	**Good**	**Friable**
29887 - 3A-C	**Room 1**	**M**	**12" x 12" Brown Speckled Floor Tile and Mastic**	**3,680**	**ft²**	**2%/4%**	**Chrysotile**	**Good**	**Friable**
29887 - 5A-C	Room 1	M	Drywall and Joint Compound	1800	ft²	NAD	—	—	—
29887 - 6A-C	Room 1	M	2' x 4' White Fissured Ceiling Tile	3680	ft²	NAD	—	—	—
29887 - 9	Room 1	M	Brown Baseboard and Mastic	260	LF	NAD	—	—	—
—	Room 2	—	No Visible PACM	—	—	—	—	—	—
29887 - 3A-C	**Room 3**	**M**	**12" x 12" Brown Speckled Floor Tile and Mastic**	**455**	**ft²**	**2%/4%**	**Chrysotile**	**Good**	**Friable**
29887 - 5A-C	Room 3	M	Drywall and Joint Compound	800	ft²	NAD	—	—	—
29887 - 6A-C	Room 3	M	2' x 4' White Fissured Ceiling Tile	455	ft²	NAD	—	—	—
29887 - 9	Room 3	M	Brown Baseboard and Mastic	120	LF	NAD	—	—	—
29887 - 6A-C	Room 4	M	2' x 4' White Fissured Ceiling Tile	190	ft²	NAD	—	—	—
29887 - 9	Room 4	M	Brown Baseboard and Mastic	190	ft²	NAD	—	—	—
29887 - 3A-C	**Room 5**	**M**	**12" x 12" Brown Speckled Floor Tile and Mastic**	**215**	**ft²**	**2%/4%**	**Chrysotile**	**Good**	**Friable**
29887 - 6A-C	Room 5	M	2' x 4' White Fissured Ceiling Tile	215	ft²	NAD	—	—	—
29887 - 9	Room 5	M	Brown Baseboard and Mastic	120	LF	NAD	—	—	—
29887 - 6A-C	Room 6	M	2' x 4' White Fissured Ceiling Tile	100	ft²	NAD	—	—	—
29887 - 5A-C	Room 7	M	Drywall and Joint Compound	35	ft²	NAD	—	—	—
29887 - 5A-C	Room 8	M	Drywall and Joint Compound	35	ft²	NAD	—	—	—
29887 - 3A-C	**Room 9**	**M**	**12" x 12" Brown Speckled Floor Tile and Mastic**	**40**	**ft²**	**2%/4%**	**Chrysotile**	**Good**	**Friable**
29887 - 6A-C	Room 9	M	2' x 4' White Fissured Ceiling Tile	40	ft²	NAD	—	—	—
29887 - 9	Room 9	M	Brown Baseboard and Mastic	40	ft²	NAD	—	—	—
29887 - 4	**Room 10**	**M**	**12" x 12" Tan Floor Tile and Mastic**	**300**	**ft²**	**NAD/2%**	**Chrysotile**	**Good**	**Friable**
29887 - 5A-C	Room 10	M	Drywall and Joint Compound	470	ft²	NAD	—	—	—
29887 - 7	Room 10	M	4' x 4' Tan Ceiling Tile	300	ft²	NAD	—	—	—
29887 - 5A-C	Room 11	M	Drywall and Joint Compound	175	ft²	NAD	—	—	—
29887 - 5A-C	Room 12	M	Drywall and Joint Compound	175	ft²	NAD	—	—	—

NT - Not Tested
S - Surfacing Material
T - Thermal System Insulation
LF - Linear Feet
<1* - Drywall and Joint Compound as a Composite

M - Miscellaneous Material
NAD - No Asbestos Detected
Regulated Asbestos Containing Material
Assumed Asbestos Containing Material
Asbestos Containing Material

Note: Window units were estimated to contain 0.5 ft² of window glaze

Material Identification Table

STS Consultants, Ltd.
1035 Kepler Drive
Green Bay, Wisconsin

Client Name: Door County Cooperative
Building Name: 92 East Maple Street
Sturgeon Bay, Wisconsin
Survey Date: 10/5/2005

Representative Sample No.	Functional Space	Mat. Code	Material ID	Qty.	Unit	Asbestos Content	Asbestos Type	Condition	Friable
29887 - 5A-C	Room 13 - Boiler Room	M	Drywall and Joint Compound	320	ft^2	NAD	—	—	—
29887 - 5A-C	Room 14 - Vault	M	Drywall and Joint Compound	320	ft^2	NAD	—	—	—
—	Room 15	—	No Visible PACM	—	—	—	—	—	—
—	Room 16	—	No Visible PACM	—	—	—	—	—	—
—	Room 17	—	No Visible PACM	—	—	—	—	—	—
—	Room 18 - Basement	—	No Visible PACM	—	—	—	—	—	—
—	Room 19 - Switch Room	—	No Visible PACM	—	—	—	—	—	—
—	Room 20	—	No Visible PACM	—	—	—	—	—	—
—	Room 21	—	No Visible PACM	—	—	—	—	—	—
29887 - 8	**Room 22 - South Entrance**	**M**	**Corrigated Fire Door Lining**	**30**	**ft^2**	**50%**	**Chrysotile**	**Good**	**Friable**
—	Room 23	—	No Visible PACM	—	—	—	—	—	—
29887 - 1	**Room 24 - Electrical Room**	**M**	**Transite Panels**	**320**	**ft^2**	**25%**	**Chrysotile**	**Good**	**Friable**
29887 - 1	**Exterior of Room 25**	**M**	**Transite Panels**	**80**	**ft^2**	**25%**	**Chrysotile**	**Good**	**Friable**
29887 - 11	Room 25	M	Fibrous Wall Lining	1,200	ft^2	NAD	—	—	—
—	Room 26 - Metal Structure	—	No Visible PACM	—	—	—	—	—	—
29887 - 12	Room 27 - Propane Garage	M	Window Glaze	4.5	ft^2	NAD	—	—	—
29887 - 10	**Exterior**	**M**	**Asphalt Roofing**	**2,500**	**ft^2**	**2%**	**Chrysotile**	**Good**	**Friable**

NT - Not Tested
S - Surfacing Material
T - Thermal System Insulation
LF - Linear Feet
<1* - Drywall and Joint Compound as a Composite

M - Miscellaneous Material
NAD - No Asbestos Detected
Regulated Asbestos Containing Material
Assumed Asbestos Containing Material
Asbestos Containing Material

Note: Window units were estimated to contain 0.5 ft^2 of window glaze

ENVIRONMENTAL HAZARDS SERVICES, L.L.C.

7469 WHITE PINE ROAD - RICHMOND, VA 23237
804-275-4788 FAX 804-275-4907

BULK ASBESTOS SAMPLE ANALYSIS SUMMARY

CLIENT: STS Consultants
1035 Kelpler Drive
Green Bay, WI 54311-8320

DATE OF RECEIPT: 06 OCT 2005
DATE OF ANALYSIS: 06 OCT 2005
DATE OF REPORT: 06 OCT 2005

CLIENT NUMBER: 51-3141 A
EHS PROJECT #: 2005-10-0521
PROJECT: 29889XF

EHS SAMPLE #	CLIENT SAMPLE #/ LABORATORY GROSS DESCRIPTION	% ASBESTOS	OTHER MATERIALS
01	29887-1/ Gray Cementitious	25% Chrysotile 25% Total Asbestos	75% Non-Fibrous
02	29887-2A/ White Chalky	2% Chrysotile 2% Total Asbestos	98% Non-Fibrous
03	29887-2B/	DID NOT ANALYZE	
04	29887-2C/	DID NOT ANALYZE	
05A	29887-3A (a)-Tile/ Brown Vinyl	2% Chrysotile 2% Total Asbestos	98% Non-Fibrous
05B	29887-3A (b)-Mastic/ Black Adhes.	4% Chrysotile 4% Total Asbestos	96% Non-Fibrous
06A	29887-3B (a)-Tile/	DID NOT ANALYZE	
06B	29887-3B (b)-Mastic/	DID NOT ANALYZE	
07A	29887-3C (a)-Tile/	DID NOT ANALYZE	
07B	29887-3C (b)-Mastic/	DID NOT ANALYZE	
08A	29887-4 (a)-Tile/ Tan Vinyl	NAD	100% Non-Fibrous
08B	29887-4 (b)-Mastic/ Black Adhes.	2% Chrysotile 2% Total Asbestos	98% Non-Fibrous
09	29887-5A/ White Chalky; Brown Fib.	NAD	30% Cellulose 70% Non-Fibrous
10	29887-5B/ White Chalky; Brown Fib.	NAD	20% Cellulose 80% Non-Fibrous
11	29887-5C/ White Chalky; Brown Fib.	NAD	20% Cellulose 80% Non-Fibrous

ENVIRONMENTAL HAZARDS SERVICES, L.L.C.

CLIENT NUMBER: 51-3141 A
EHS PROJECT #: 2005-10-0521
PROJECT: 29889XF

EHS SAMPLE #	CLIENT SAMPLE #/ LABORATORY GROSS DESCRIPTION	% ASBESTOS	OTHER MATERIALS
12	29887-6A/ Tan Fib.	NAD	40% Cellulose 40% Fibrous Glass 20% Non-Fibrous
13	29887-6B/ Tan Fib.	NAD	40% Cellulose 40% Fibrous Glass 20% Non-Fibrous
14	29887-6C/ Tan Fib.	NAD	40% Cellulose 40% Fibrous Glass 20% Non-Fibrous
15	29887-7/ Brown Fib.	NAD	95% Cellulose 5% Non-Fibrous
16	29887-8/ Tan Fib.	50% Chrysotile 50% Total Asbestos	40% Cellulose 10% Non-Fibrous
17A	29887-9 (a)-Baseboard/ Brown Vinyl	NAD	100% Non-Fibrous
17B	29887-9 (b)-Mastic/ Brown Adhes.	NAD	100% Non-Fibrous
18	29887-10/ Black Tar-Like	2% Chrysotile 2% Total Asbestos	15% Cellulose 83% Non-Fibrous
19	29887-11/ Brown Fib.	NAD	95% Cellulose 5% Non-Fibrous
20	29887-12/ White Chalky	NAD	100% Non-Fibrous

QC SAMPLE: M2-1998-4

QC BLANK: SRM 1866 Fiberglass

REPORTING LIMIT: 1% Asbestos

METHOD: Polarized Light Microscopy, EPA Method 600/R-93/116 *

ANALYST: Melissa Boggs Steiniger

Reviewed By Authorized Signatory: Michael A. Mueller

Michael A. Mueller, MPH, Laboratory Director
Howard Varner, General Manager
Irma Faszewski, Quality Assurance Coordinator
Feng Jiang, MS, Technical Director

ENVIRONMENTAL HAZARDS SERVICES, L.L.C.

CLIENT NUMBER: 51-8141 A
EHS PROJECT #: 2005-10-0521
PROJECT: 29889XF

The condition of the samples analyzed was acceptable upon receipt per laboratory protocol unless otherwise noted on this report. Results represent the analysis of samples submitted by the client. Sample location, description, area, volume, etc., was provided by the client. This report cannot be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without the written consent of Environmental Hazards Services, L.L.C. California Certification #2319 NY ELAP #11714. All information concerning sampling location, date, and time can be found on Chain-of-Custody. Environmental Hazards Services, L.L.C. does not perform any sample collection.

Environmental Hazards Services, L.L.C. recommends reanalysis by point count (for more accurate quantification) or Transmission Electron Microscopy (TEM), for enhanced detection capabilities) for materials regulated by the EPA NESHAP (National Emission Standards for Hazardous Air Pollutants) and found to contain less than ten percent (<10%) asbestos by polarized light microscopy (PLM). Both services are available for an additional fee.

* All California samples analyzed by Polarized Light Microscopy, EPA Method 600/M4-82-020, Dec. 1982.

LEGEND NAD = no asbestos detected
SCF = suspected ceramic fibers

plm1.dot/07MAR2005/REV1/TE

20 PLM

ENVIRONMENTAL HAZARDS SERVICES, L.L.C.

7469 Whitepine Road Richmond, Virginia 23237 Phone (804) 275-4788 Fax (804) 275-4907

EHS 2005-10-0521

CHAIN OF CUSTODY FORM

Company Name:	STS Consultants	**Date:**	5-Oct-05
Address:	1035 Kepler Drive	**Contact Name:**	Jeffrey S. Carlson
City, State, Zip:	Green Bay, Wisconsin 54311	**Sampler Name:**	Jeffrey S. Carlson
EHS Client Account #:	51-3141	**Project #:**	29889XF
Phone # :	(920) 468-1978	**Fax #:**	(920) 468-3312
P.O. #:	Door County Coop		

*****Stop at First Positive Result for Homogeneous Samples**

Sample Number	Sample Date & Time	Asbestos: Bulk ID by PLM	Asbestos: (PCM) Fiber Count	Asbestos: PLM Point Count	Asbestos: PLM Gravimetric	Asbestos: TEM AHERA (Air)	Asbestos: TEM Chatfield (Bulk)	Lead: Air	Lead: Paint (%)	Lead: Paint (PPM)	Lead: Paint (mg/cm²)	Lead: Soil	Lead: Wipe * (See Note)	Lead: TCLP (Pb)	Lead: Waste Water	Other Metals (Specify metals below): TCLP RCRA 8	Other Metals: Welding Fume	Other Metals: Toxic Metal Profile	Other Metals:	Other Metals:	Indoor Air Quality: Biocassette	Indoor Air Quality: Slide	Indoor Air Quality: Surface Swab	Indoor Air Quality: Surface Tape	Indoor Air Quality: Bulk	Air Volume (L) OR Wipe Area (ft²) OR Scrape Area(cm²)	Comments
																										Particulate: Total Nuisance (NIOSH 0500) ☐ Respirable (NIOSH 0600) ☐	
29887-1	10/5/2005	x																								Transite Panel	Room 25 Exterior
29887-2A	10/5/2005	x																								Window Glaze	Room 1 Exterior
29887-2B	10/5/2005	x																								Window Glaze	Room 1 Exterior
29887-2C	10/5/2005	x																								Window Glaze	Room 1 Exterior
29887-3A	10/5/2005	x														✓										12" x 12" Brown Specked Floor Tile and Mastic	Room 1
29887-3B	10/5/2005	x																								12" x 12" Brown Specked Floor Tile and Mastic	Room 1
29887-3C	10/5/2005	x																								12" x 12" Brown Specked Floor Tile and Mastic	Room 1
29887-4	10/5/2005	x																								12" x 12" Tan Floor Tile and Mastic	Room 10
		x																									

SAMPLE CONDITION
Acceptable
Inacceptable

* Do wipe samples submitted meet ASTM E1792 requirements? Yes ☐ No ☐

Released by:	Jeffrey S. Carlson	Signature:	Date/Time: 10/5/2005
Received by:	A. Simeade	Signature:	Date/Time: 10/6/05 10:45
Released by:		Signature:	Date/Time:
Received by:		Signature:	Date/Time:

ENVIRONMENTAL HAZARDS SERVICES, L.L.C.

7469 Whitepine Road Richmond, Virginia 23237 Phone (804) 275-4788 Fax (804) 275-4907

CHAIN OF CUSTODY FORM

Company Name: STS Consultants

Address: 1035 Kepler Drive

City, State, Zip: Green Bay, Wisconsin 54311

EHS Client Account #: 51-3141

Phone # : (920) 468-1978 **Fax #:** (920) 468-3312

P.O. #: Door County Coop

Date: 5-Oct-05

Contact Name: Jeffrey S. Carlson

Sampler Name: Jeffrey S. Carlson

Project #: 29889XF

*****Stop at First Positive Result for Homogeneous Samples**

Sample Number	Sample Date & Time	Asbestos: Bulk ID by PLM	Asbestos: (PCM) Fiber Count	Asbestos: PLM Point Count	Asbestos: PLM Gravimetric	Asbestos: TEM AHERA (Air)	Asbestos: TEM Chatfield (Bulk)	Lead: Air	Lead: Paint (%)	Lead: Paint (PPM)	Lead: Paint (mg/cm²)	Lead: Soil	Lead: Wipe * (See Note)	Lead: TCLP (Pb)	Lead: Waste Water	Other Metals (Specify metals below): TCLP RCRA 8	Other Metals: Welding Fume	Other Metals: Toxic Metal Profile	Indoor Air Quality: Biocassette	Indoor Air Quality: Slide	Indoor Air Quality: Surface Swab	Indoor Air Quality: Surface Tape	Indoor Air Quality: Bulk	Air Volume (L) OR Wipe Area (ft²) OR Scrape Area(cm²)	Comments
Particulate: Total Nuisance (NIOSH 0500) ☐ Respirable (NIOSH 0600) ☐																									
29887-5A	10/5/2005	x																				Drywall and Joint Compound			Room 13
29887-5B	10/5/2005	x																				Drywall and Joint Compound			Room 13
29887-5C	10/5/2005	x																				Drywall and Joint Compound			Room 13
29887-6A	10/5/2005	x																				2' x 4' White Fissured Ceiling Tile			Room 3
29887-6B	10/5/2005	x																				2' x 4' White Fissured Ceiling Tile			Room 3
29887-6C	10/5/2005	x																				2' x 4' White Fissured Ceiling Tile			Room 3
29887-7	10/5/2005	x																						4' x 4' Tan Ceiling Tile	Room 10
29887-8	10/5/2005	x																					Corrigated fire door lining		Room 22
29887-9	10/5/2005	x																				Brown Baseboard and Mastic			Room 1
29887-10	10/5/2005																					Asphalt Roofing Material			Roof

* Do wipe samples submitted meet ASTM E1792 requirements? Yes ☐ No ☐

Released by: Jeffrey S. Carlson	Signature:	Date/Time:	10/5/2005
Received by:	Signature:	Date/Time:	
Released by:	Signature:	Date/Time:	
Received by:	Signature:	Date/Time:	

ENVIRONMENTAL HAZARDS SERVICES, L.L.C.
7469 Whitepine Road Richmond, Virginia 23237 Phone (804) 275-4788 Fax (804) 275-4907

CHAIN OF CUSTODY FORM

Company Name:	STS Consultants	***Date:***	5-Oct-05
Address:	1035 Kepler Drive	***Contact Name:***	Jeffrey S. Carlson
City, State, Zip:	Green Bay, Wisconsin 54311	***Sampler Name:***	Jeffrey S. Carlson
EHS Client Account #:	51-3141	***Project #:***	29889XF
Phone # :	(920) 468-1978 ***Fax #:*** (920) 468-3312		***Stop at First Positive Result for Homogeneous Samples***
P.O. #:	Door County Coop		

Sample Number	Sample Date & Time	Asbestos: Bulk ID by PLM	Asbestos: (PCM) Fiber Count	Asbestos: PLM Point Count	Asbestos: PLM Gravimetric	Asbestos: TEM AHERA (Air)	Asbestos: TEM Chatfield (Bulk)	Lead: Air	Lead: Paint (%)	Lead: Paint (PPM)	Lead: Paint (mg/cm^2)	Lead: Soil	Lead: Wipe * (See Note)	Lead: TCLP (Pb)	Lead: Waste Water	Other Metals (Specify metals below): TCLP RCRA 8	Other Metals: Welding Fume	Other Metals: Toxic Metal Profile	Other Metals:	Other Metals:	Indoor Air Quality: Biocassette	Indoor Air Quality: Slide	Indoor Air Quality: Surface Swab	Indoor Air Quality: Surface Tape	Indoor Air Quality: Bulk	Air Volume (L) OR Wipe Area (ft^2) OR Scrape Area(cm^2)	Comments
Particulate: Total Nuisance (NIOSH 0500) ☐ Respirable (NIOSH 0600) ☐																											
29887-11	10/5/2005	x																								Fibrous wall lining	Room 25
29887-12	10/5/2005	x																								Window Glazing	Garage (Propain Garage)
		x																									
		x																									
		x																									
		x																									
		x																									
		x																									
		x																									

* Do wipe samples submitted meet ASTM E1792 requirements? Yes ☐ No ☐

Released by: Jeffrey S. Carlson	Signature:	Date/Time: 10/5/2005
Received by:	Signature:	Date/Time: 10/6/05
Released by:	Signature:	Date/Time:
Received by:	Signature:	Date/Time: