June 20, 2011

Ramon C. Mendoza,
On Scene Coordinator
Emergency Response Branch 2
Superfund Division
USEPA Region 5
77 W. Jackson Blvd. Chicago, IL. 60604

Subject: **Site Assessment Report**
Sandies Dry Cleaner SA
Little Chute, Outagamie County, Wisconsin
Technical Direction Document No. TO-05-11-03-0007
OTIE Contract No. EP-S5-10-10

Dear Mr. Mendoza:

OTIE is submitting the enclosed Site Assessment report for the Sandies Dry Cleaner Site in Little Chute, Wisconsin. If you have any questions or comments about the report or need additional copies, please contact me at (312) 220-7000 or Raghu Nagam at (312) 220-7005.

Sincerely,

Raghu Nagam

for
Naren Babu
Project Manager

Enclosure

cc: Raghu Nagam, START Program Manager

SITE ASSESSMENT REPORT
FOR
SANDIES DRY CLEANER
LITTLE CHUTE, OUTAGAMIE COUNTY, WISCONSIN

NPL STATUS: NON-NPL

Prepared for:

U.S. Environmental Protection Agency, Region 5
Emergency Response Branch,
77 West Jackson Boulevard
Chicago, IL 60604

TDD No.:	TO-05-11-03-0007
Date Prepared:	June 20, 2011
Contract No.:	EP-S5-10-10
Prepared by:	OTIE
START Project Manager:	Naren Babu
Telephone No.:	(312) 220-7000
U.S. EPA On-Scene Coordinator:	Ramon Mendoza
Telephone No.:	(312) 802-1409

100 W Monroe Street, Suite 300
Chicago, IL 60603

TABLE OF CONTENTS

FIGURES

TABLES

APPENDICES

1. INTRODUCTION

Oneida Total Integrated Enterprises (OTIE) has prepared this Site Assessment report in accordance with the requirements of U.S. Environmental Protection Agency (U.S. EPA) Technical Direction Document (TDD) No. TO-05-11-03-0007 under the Superfund Technical Assessment and Response Team (START) contract No. EP-S5-10-10. The scope of this Site Assessment (SA) at the Sandies Dry Cleaner Site in Little Chute, Outagamie County, Wisconsin was to identify the extent of perchloroethylene/ trichloroethylene (PCE/TCE) contamination in soil and groundwater, assess vapor intrusion in adjacent properties and to determine the need for a removal action. START was tasked to prepare a site-specific Health and Safety Plan, field sampling and analysis plan, subcontract an analytical laboratory and Geoprobe contractor, collect soil, soil-gas, air, and groundwater samples, evaluate analytical data, document on-site conditions with written logbook notes and still photographs, and prepare this SA report. Naren Babu was the START Project Manager and Andy Plier assisted with the sampling activities.

This SA Report summarizes the site background; discusses the assessment activities; provides a summary of the analytical data; and discusses potential site-related threats. The attachments for this report include a photographic log of the site (Appendix A) and the validated sample analytical results (Appendix B).

2. SITE BACKGROUND

This section provides Site background information and the history of the Site.

2.1 Site Description

The former Sandies Dry Cleaner and Laundry facility (site) has been vacant since 2006 and is comprised of a commercial building located at 513 Grand Ave in Little Chute, Outagamie County, Wisconsin. The geographical coordinates for the building are 44.279208 degrees north latitude and 88.315852 degrees west longitude (Figure 1 – Site Location Map). The site contains a two-story building with concrete flooring on the first floor and an unoccupied apartment on the second floor. The site building footprint is approximately 90 feet by 37.55 feet. The property area, which includes the site building and backyard area, is approximately 100.96 feet by 37.55 feet. The site is located among a mixture of residential and commercial properties. The site is surrounded by Grand Avenue to the east, the village-owned alley behind SDC to the west, Bakers Outlet and W Lincoln Avenue to the south, and Weenies Still Bar and W Main Street to the north. Both Weenies Still Bar and Bakers Outlet share a brick wall with the site building on the north side and south side, respectively. Both businesses are operating and both have residences on the second floor. The Fox River is approximately 1,000 feet (0.2-miles) from the site on the southeast side and flows northeast to Lake Michigan.

Soil borings collected during EPA's SA in March-April 2011 indicates dark brown fill material with gravel from 0 to 2 feet followed by soft, light brownish red silty clay material. Hard clay was found around 14 feet. Moist soil, due to a shallow aquifer, was found below 4 feet. Groundwater flow is estimated to flow southwest towards the Fox River.

Dave Linskens is the owner of the site and operated Sandies Dry Cleaner until 2002. PCE was used as a dry cleaning solvent during dry cleaning operations. The owner of SDC is planning to use the unoccupied apartment on the second floor of SDC as his future residence.

2.2 Site History

According to the Wisconsin Department of Natural Resources (WDNR) investigation, Naomi & Sylvester Sanderfoot operated the dry cleaner from 1957 - Dec 1972. Mr. Linskens and his mother worked for the Sanderfoots. Mr. Linskens initiated purchase of the property through a land contract and operated the dry cleaner from December 1972 until 2001 or 2002. Mr. Linskens finalized purchase of the property in 2005 from Janice Hartjes, daughter of the Sanderfoots, who inherited the property.

According to a bid for site investigation from Alpha Terra, Mr. Linskens stated in an interview with them that Tetrachloroethylene (PCE) was used the entire time, from 1958 to 2003 when wet dry cleaning ceased. The Alpha Terra bid also states, "Solvent delivery was via drums and pump transfer through access doors on the west side of the building."

An environmental investigation was performed by Terracon, in 2008 at the request of Mr. Linskens in preparation of selling the property. Soil contamination was discovered and the Phase II report, dated August 28, 2008, and was submitted electronically to the WDNR on the same date.

According to the report, a soil sample collected at one-foot below the former dry cleaning machine indicated PCE concentration of 125 milligrams per kilogram (mg/Kg). A second soil sample collected from three feet below ground surface (bgs) in the alley behind the site building indicated a PCE concentration of 4.5 mg/Kg.

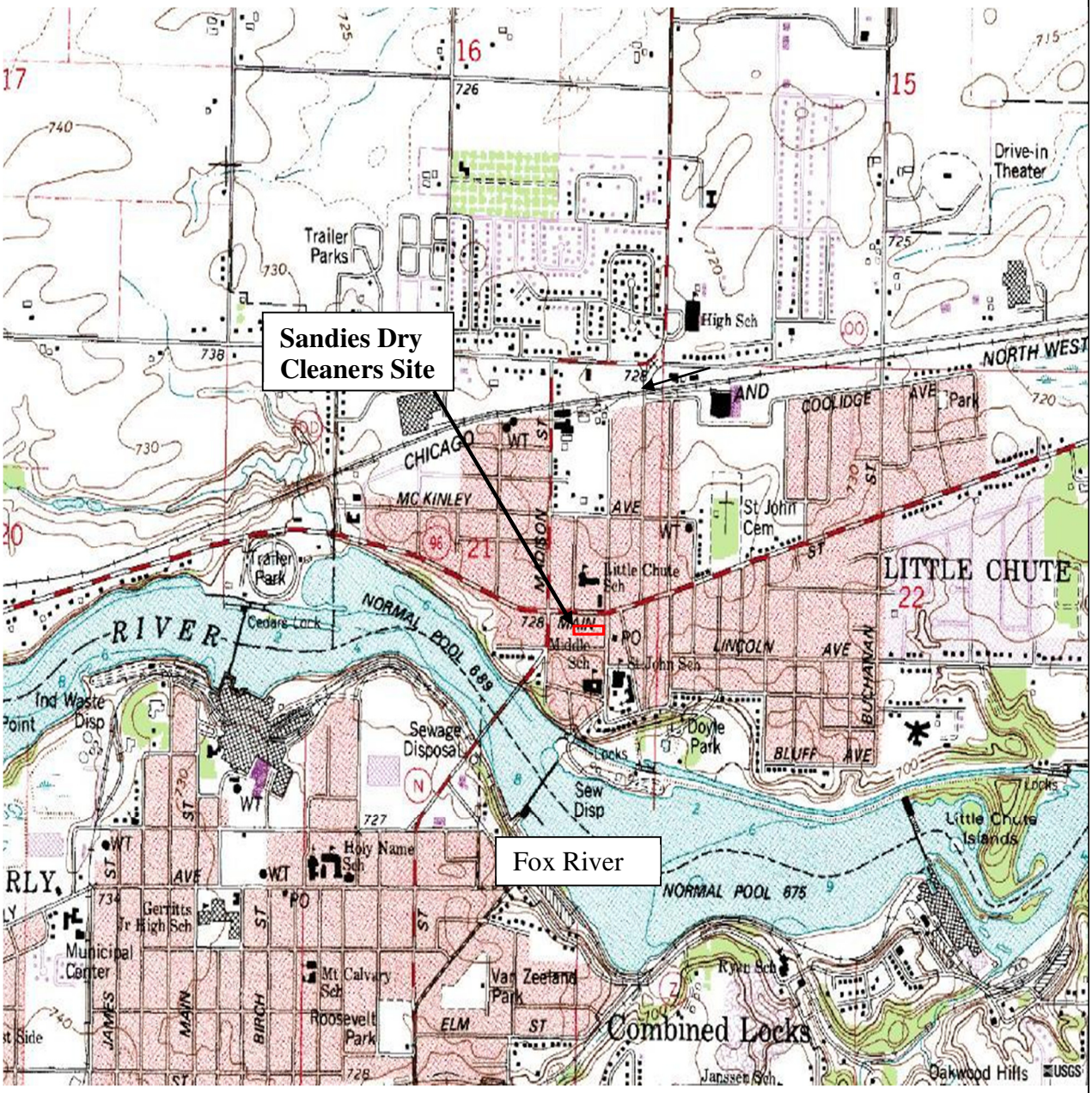
WDNR sent Linskens a letter of responsibility on August 29, 2008 under the Spills Law, listed under s.292.11 of the Wisconsin Statutes (Wis. Stats). Delays in the cleanup precipitated WDNR to issue Mr. Linskens three notices of noncompliance with the Spills Law followed by a notice of violation for failure to clean up the contamination in August 10, 2010. Mr. Linksins explained to WDNR that he could not get a loan from the banks and therefore could not do the cleanup. WDNR was concerned about the lack of action and conducted additional investigation of the site.

As part of the WDNR investigation, the Wisconsin Department of Health Services (WDHS) conducted indoor air sampling on February 17, 2011 using Summa canisters inside the site building and adjacent buildings.

WDHS documented the presence of PCE in all samples collected during this sampling event. Results of PCE in indoor air samples collected in the unoccupied apartment above the SDC facility, where the owner of SDC plans to reside in the future, and all three levels of the Weenies Still property exceeded both the WDNR vapor action level (VAL) for residential and commercial indoor air for PCE. The PCE level found in the owner-occupied residence above Weenies Still was 22.4 parts per billion by volume (ppbv), which is more than thirty times the residential indoor air VAL of 0.6 ppbv PCE. For the basement and main floor samples, PCE was measured at 32.9 and 24.0 ppbv, respectively, which are above the PCE commercial VAL of 3.1 ppbv. Results of PCE in indoor air samples collected from the Bakers Outlet were above the residential VAL of 0.6 ppbv, but below the commercial VAL of 3.1 ppbv. After their findings indicated the presence of elevated levels of PCE in the Weenies Still property, the WDNR

suggested the property owners of Weenies Still, LLC to increase outdoor air ventilation inside all levels of their building until a permanent mitigation system is installed.

On March 3, 2011, WDNR requested U.S. EPA's assistance to conduct a Site Assessment and Removal Action at the site.



m 200 400 600
yds 200 400 600

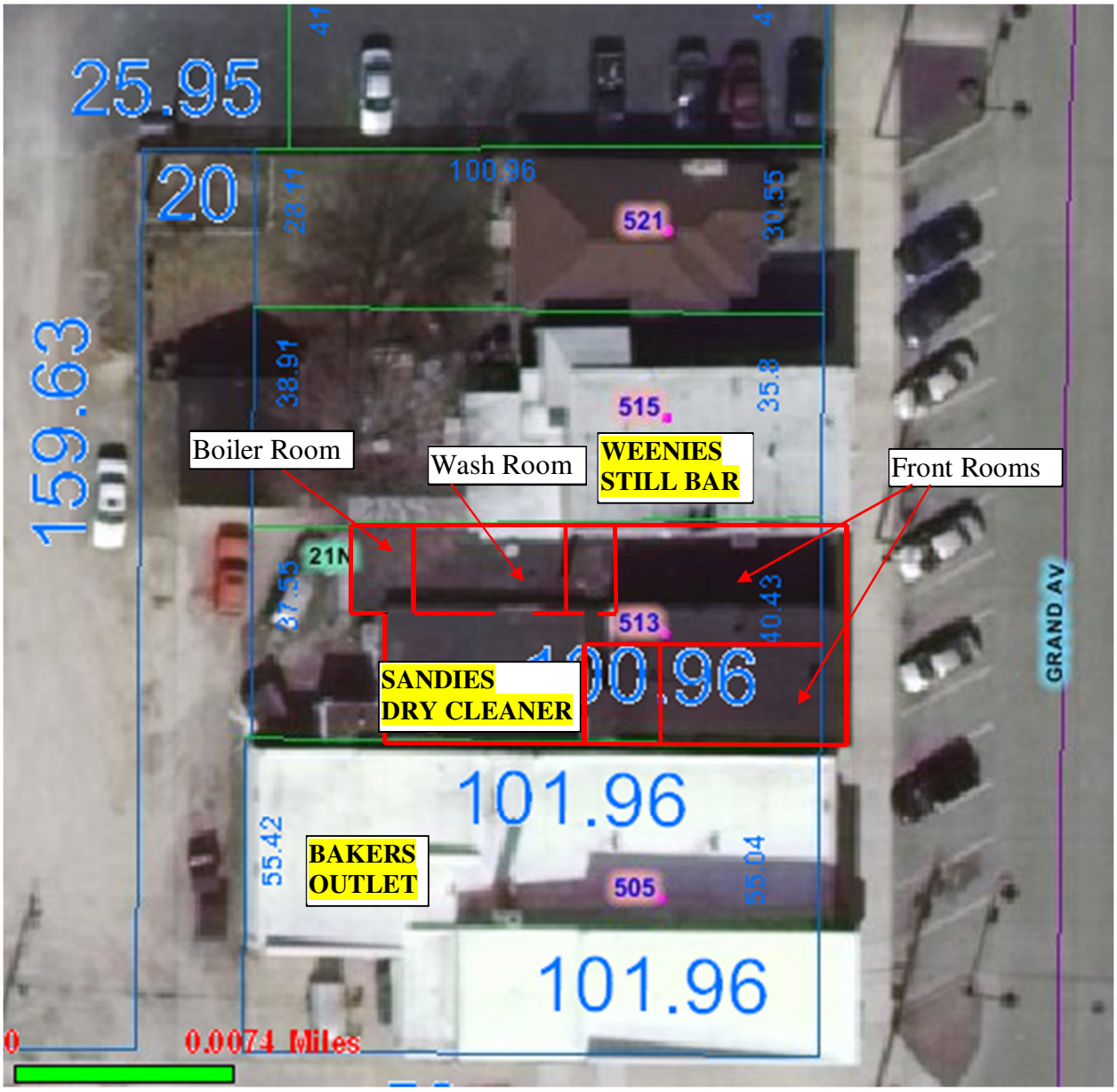
NORTH

Source: USGS Kaukauna, WI Quadrangle Topographic Map, 1995

Sandies Dry Cleaner Site
Little Chute, Outagamie County, Wisconsin
TDD No. TO-05-11-03-0007

Figure 1
Site Location Map

OTIE
Oneida Total Integrated Enterprises



NORTH

Source: City of Little Chute

Sandies Dry Cleaner Site
Little Chute, Outagamie County, Wisconsin
TDD No. TO-05-11-03-0007

Figure 2
Site Layout Map

OTIE
Oneida Total Integrated Enterprises

3. SITE ASSESSMENT ACTIVITIES

Site Assessment and site reconnaissance activities at the Sandies Dry Cleaner site, including sampling events, are discussed below. START performed site assessment activities, including the collection of environmental samples to determine the nature and extent of PCE contamination at the site and two adjacent off-site properties. Indoor air, soil-gas, soil and groundwater samples were collected to determine whether contaminants are present in excess of the WDNR VAL for PCE and other volatile organic compounds (VOCs).

A site-specific Sampling and Analysis Plan (SAP) was developed for the SA prior to fieldwork (Ref. 6). The SAP describes the data quality objectives (DQO), sampling strategy, sampling locations, sampling methodology, and analytical procedures used during the SA. The SA was conducted in three phases - March 10 and March 11; April 6 and April 7; and April 18 to April 20, 2011.

This section summarizes field investigation activities including Site Reconnaissance (subsection 3.1), Indoor Air Sampling (subsection 3.2), subsurface and sub-slab soil sampling (subsection 3.3), monitoring well installation and groundwater sampling (subsection 3.4), and soil-gas sampling (subsection 3.5). Table 1 presents a summary of all of the samples collected and their associated locations. Photographic documentation is provided as Appendix A.

3.1 Site Reconnaissance

On March 10th 2011, On-Scene Coordinators (OSC) Ramon Mendoza and Kathy Halbur, and START members Raghu Nagam and Andrew Plier of OTIE mobilized to the site and conducted site reconnaissance. The OSC and START met with Jennifer Borski from the WDNR and the property owner. The site reconnaissance activities were conducted in Level D personal protective equipment (PPE) in accordance with the approved site-specific health and safety plan (HASP). Air monitoring was conducted in the breathing zone throughout the site reconnaissance using a RAE Systems MultiRAE® five-gas monitor. MutiRAE includes a photoionization detector that measures organic vapors, carbon monoxide (CO) sensor, hydrogen sulfide (H_2S) sensor, lower explosive limit (LEL) sensor, and oxygen (O_2) sensor. MultiRAE was calibrated prior to conducting the Site reconnaissance.

Site reconnaissance was conducted in the site building where SDC was operated and in the two adjacent buildings, Weenies Still Bar to the north and Bakers Outlet to the South. Weenies Still Bar and Bakers Outlet each share a brick wall with the site building on the north side and the south side, respectively. The site reconnaissance began in the site building (Figure 2 – Site Layout Map). Both front and back doors of

the site building were locked. The site owner provided the access to the building. No evidence of trespassing was found during the site reconnaissance. EPA and START entered through the front door located along Grand Avenue. There were two rooms adjacent to each other inside the building along Grand Avenue. Office furniture and other materials were noted in both rooms. An unoccupied apartment is located on the second floor of these rooms and could be accessed by wooden stairs located behind the front rooms. The wash room and boiler room are in the ground level of the site building behind the front rooms on the north of the site building. The dry cleaning machine is currently situated in the wash room (Photo #1 in Appendix A). Used PCE-solvent filters were found behind the dry cleaning machine. The concrete floor behind the dry cleaning machine was observed to be discolored and is suspected to be from historic spills of PCE solvent and bad housekeeping (Photo #2). A metal pipe was found to be extending from the wall behind the dry cleaning machine that runs to the back of the building ((Photo #3).

The storage room on the south side of the machine room and behind the stairs was not part of the original structure and reportedly constructed as an expansion to the original building. This storage room is currently filled with old washers, other equipments, bags of mortar mix, empty buckets, buckets filled with trash, electrical cords, ducts, scrap metal and other materials. Electrical ballasts were found in the storage room near a Safety-Kleen plastic container (Photo #7). The Safety-Kleen plastic container is currently filled with trash (Photos #5 and 6). This container was originally intended to be used for packing and transporting the used PCE-solvent filters from the dry cleaning machine to the disposal/recycling facility. The back door in the storage room leads to the backyard of the property on the west side. A 20-feet wide alley owned by the Village of Little Chute is present behind the backyard of the property. A rusty metal pipe sticking out of the ground surface was located in the back alley just behind the building on the north side closer to Weenies Still property. The owner of Weenies Still property informed that the owner of the Site dumped unknown liquid through this pipe using a funnel during after-hours.

Site reconnaissance continued on to Weenies Still Bar on the north side of the site (Figure 2 – Site Layout Map). The property of Weenies Still Bar has a tavern on the front side along Grand Avenue, an unoccupied basement which shares the brick wall with the site, and an occupied apartment located on the second floor above the tavern. The owner of Weenies Still Bar reported that water seeps through the adjoining wall from the site to the basement of Weenies Still property during storm events. Cracks and wet areas were noted on adjoining wall between the site and Weenies basement (Photo #21).

Site reconnaissance then moved to Bakers Outlet on the south side of the site (Figure 2 – Site Layout Map). The property of Bakers Outlet has a commercial store that sells baked items on the first floor and a basement that extends to the south of another commercial property, American Family Insurance, located

on the first floor level. There is an apartment on the second floor level of American Family Insurance, which is a home to a former worker of SDC.

Air monitoring during this site reconnaissance using a MultiRAE did not indicate any VOC readings above background levels.

3.2 Indoor Air Sampling

On March 10th 2011, START conducted indoor air sampling by collecting 6 summa canister air samples from SDC and premises located to the north and south of the SDC. A 24-hour summa canister air sample was collected from six locations. One sample was collected from the unoccupied second floor apartment at SDC where the owner of SDC is planning to reside in; one sample from the first floor of the adjacent Weenies Still Bar; one sample from the occupied second floor apartment above Weenies Still Bar; one sample from the basement of Weenies Still property near an adjoining wall to the dry cleaners; one sample from the basement of the adjacent Bakers Outlet; and one sample from the occupied second floor apartment south of the Bakers Outlet, above American Family Insurance. All samples were collected in 6-liter Summa canisters with attached pre-set flow regulators. On March 11, 2011, the valves on the Summa canisters were closed approximately after a 24-hr period. The samples were packaged and shipped off to Microbac Laboratories in Merrillville, Indiana for VOC analysis following EPA method TO-15. Descriptions of indoor air sample locations are listed in Table 1.

3.3 Subsurface and Sub-slab Soil Sampling

On April 6 and 7, 2011, subsurface soil sampling was conducted to determine the presence or absence of contaminated soils and the need for removal actions. A total of twelve soil borings were advanced using a Geoprobe® DPT drill operated by OTIE's drilling subcontractor, Moraine Environmental. Seven soil borings, SDC-GP-6 through SDC-GP-12, were advanced on the site property, three soil borings, SDC-GP-2, SDC-GP-4, SDC-GP-5, on the Village alley way and two soil borings, SDC-GP-1 and SDC-GP-3, on the adjacent Weenies Still property. Out of the seven soil borings advanced on the site property, two of them, SDC-GP-6 and SDC-GP-7, were outside the building and five of them, SDC-GP-8 through SDC-GP-12, were inside the building. All other soil borings, which were advanced on the Village alley and Weenies Still property, were outside the building. Soil boring locations are indicated on Figure 3. SDC-GP-1 was collected at an upgradient location on the Weenies Still property, just north of the building (Photo #8). SDC-GP-2 was collected at a location downgradient of the site in the Village alley behind the site (Photo #9). SDC-GP-3 was collected from the backyard of Weenies Still property just northwest of the site (Photo #10). SDC-GP-4 and SDC-GP-5 were collected from locations that were cross-gradient from the site in the Village alley (Photos #11 and 12). SDC-GP-6 was collected from the

southwest edge of the site (Photo #13). SDC-GP-7 was collected from the location where a metal pipe was sticking out of the ground just behind the boiler room of the site building (Photo #14). SDC-GP-8 was collected in the wash room inside SDC and east of the dry cleaning machine (Photo #15). This location is one foot from the Phase II sample location where 125 mg/Kg PCE was found in the soil. SDC-GP-9 was collected inside SDC in the room east of the wash room (Photo #16). SDC-GP-10 was collected inside SDC below the stairs (Photo #17). SDC-GP-11 was collected inside SDC in the boiler room (Photo #18). SDC-GP-12 was collected 6 feet north of SDC-GP-8 closer to the adjoining wall between SDC and Weenies Still properties (Photo #19). This is the old location of the dry cleaning machine before it was moved to its current location. The soil borings were collected to a maximum depth of 20 feet below ground surface (bgs) at locations outside the building and 8 feet bgs at locations inside the building. For the soil boring locations inside the building, sub-slab soil cores were collected after coring and removing the concrete slab. Descriptions of soil boring locations are listed in Table 1.

Soil borings were logged by START Naren Babu and Andrew Plier. Copies of the completed soil boring logs are provided in Appendix D. The soil borings were logged in 5-foot intervals for the outdoor locations and 2-foot intervals for the indoor locations. In the soil borings outside the building, dark brown fill material with gravel was found from 0 to 2 feet followed by soft, light brownish red silty clay material found. Hard clay was found around 14 feet. Moist soil, due to a shallow aquifer, was found below 4 feet. Each boring interval was screened using an UltraRAE VOC meter. Sample from one interval per boring was submitted to the laboratory for analysis of VOCs. The soil depth interval from each boring which exhibited the highest reading for VOCs was submitted to the laboratory for analysis. If no VOC readings were recorded for any interval of the soil boring, the deepest depth interval above the shallow water table was submitted to the laboratory for analysis. A duplicate sample was collected from soil boring SDC-GP-8, located nearest to the source area inside the site building. In soil boring SDC-GP-8, depth interval 0-1 feet bgs exhibited the highest VOC reading on the UltraRAE at 15 parts per million (ppm). Voids were identified under the slab during soil boring inside the building. The depth of voids ranged up to 6 inches. In soil boring SDC-GP-12, air monitoring inside the bore hole indicated VOC readings up to 25 ppm on the UltraRAE.

A total of seven subsurface soil samples from locations outside the site building, and six sub-slab soil samples, including one duplicate sub-slab soil sample from locations inside the building were submitted to the laboratory for analysis of VOCs. Samples were packaged and stored with ice. Samples were delivered to Microbac Laboratories in Merrillville, Indiana for total VOCs analysis following EPA method SW 846 8260. Upon the receipt of analytical data, two samples with the highest PCE result were requested for additional Toxic Characteristic Leaching Procedure (TCLP) VOCs.

In addition, temporary wells were installed at the three soil boring locations. Temporary groundwater monitoring well installation and sampling is described in Section 3.2 of this report.

3.4 Monitoring Well Installation and Groundwater Sampling

On April 6, 2011, START's subcontractor installed temporary groundwater monitoring wells in three locations. Two monitoring wells, at boring locations SDC-GP-1 and SDC-GP-2, outside the building, and one at boring location SDC-GP-8, inside the site building were installed. Figure 3 shows the monitoring well locations and Table 1 shows the descriptions of temporary monitoring well locations.

The temporary monitoring wells consisted of new, dedicated 1-inch inner diameter, polyvinyl chloride (PVC) risers and screens. The screens were 5 feet in length and had 0.010 inch factory cut slots. The wells were set with the screened interval at 4 – 9 feet bgs. The wells did not recharge after few minutes of purging using a low-flow pump. The purge water from well development was contained and stored on-site in a 55-gallon drum for later disposal. Wells were allowed to recharge overnight on April 6, 2011 prior to sampling.

On April 7, 2011, START collected two groundwater samples from SDC-GW-2 and SDC-GW-8. Groundwater sample was not collected from well, SDC-GW-1, since there was not enough water available for sampling. The samples for VOC analysis were collected directly into the pre-preserved 40-milliliter (mL) vials and filled directly from the tubing via gravity and capillary action. Sampled groundwater appeared turbid. Hence, the laboratory was informed to let the solids in sample vials to settle out before decanting the clear water for analysis. The sample bottles were placed on ice, and dropped off at the laboratory on April 7, 2011.

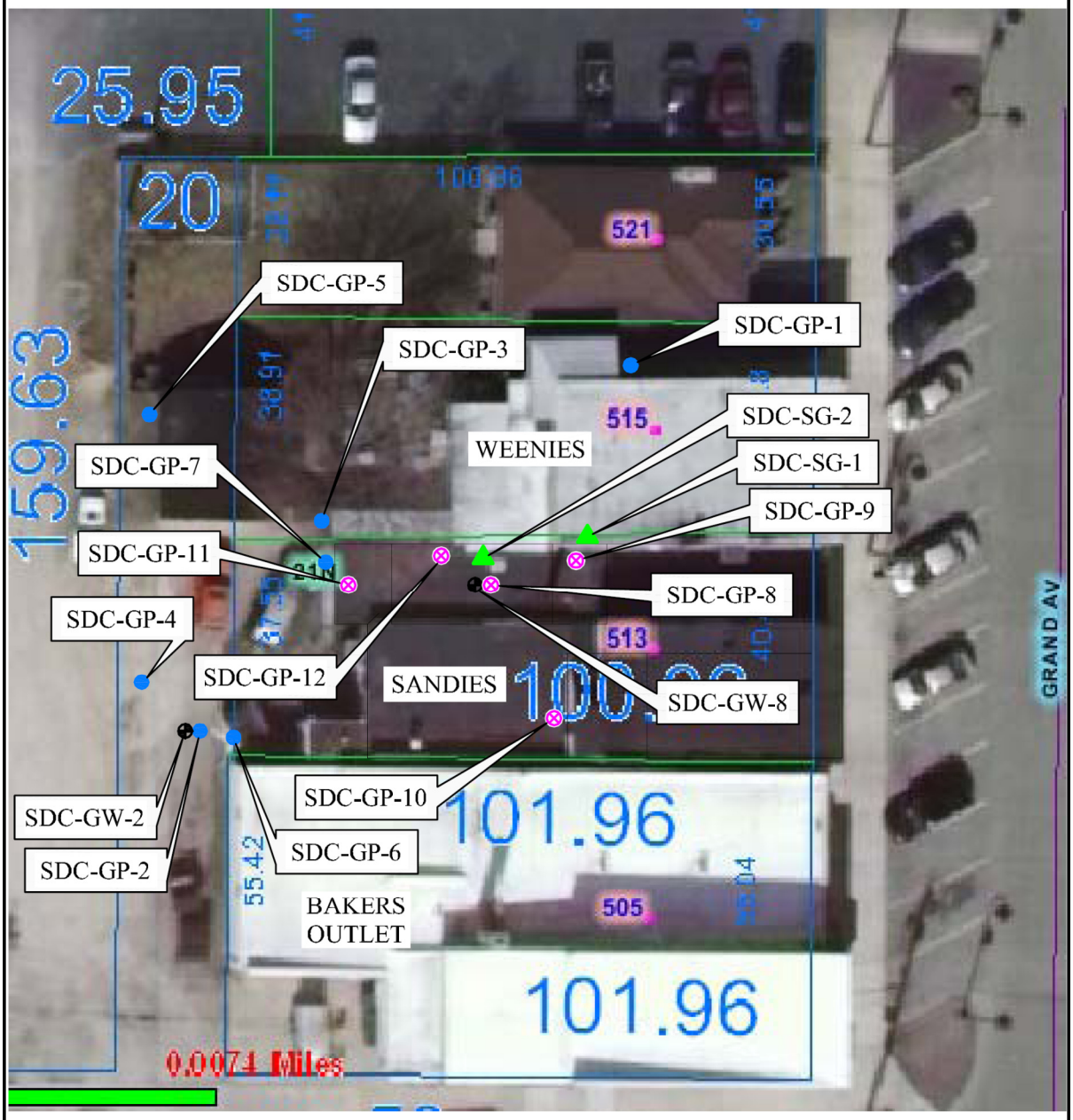
3.5 Sub-slab Soil-gas Sampling

On April 18, 2011, START installed permanent soil-gas sampling ports at three locations as detailed in REAC SOP 2082 (Appendix C). One sample port was installed at each of the following locations: in the basement level of Bakers Outlet property at a location west of the stairs and closer to the adjoining wall from SDC; in the basement level of Weenies Still property on the adjoining wall between SDC and Weenies Still properties; and on main floor level of SDC inside washroom about six feet north from SDC-GW-8 location and closer to the adjoining wall to the Weenies Still property. Descriptions of sub-slab soil-gas locations are listed in Table 1. A brief summary of installation of sub-slab port is provided in the following paragraph.

After wiping off the concrete surface where the sub-slab port was planned to be installed, an electric Hilti Hammer Drill with the $^{1}/_{2}$" diameter drill bit was used to drill an inner or pilot hole into the concrete slab

to a depth of approximately 2". Using the pilot hole as the center, an outer hole was drilled to an approximate depth of 1 $^{3}/_{8}$ " using the 1" diameter drill bit. The 1" diameter drill bit was then replaced with the $^{1}/_{2}$" drill bit. The pilot hole was drilled through the slab and at least three inches into the sub-slab material. Once drilling was completed, a stainless steel probe was assembled and inserted into the pre-drilled hole. The probe was mounted flush with the surrounding slab so that there was no interference with pedestrian or vehicular traffic and cemented into place.

On April 19, 2011, START set one Summa canister each at the ports installed on SDC (Photo #22) and Weenies Still properties (Photo #23) for 24-hr sample collection. The port installed at Bakers Outlet was filled with water, possibly intruded from underneath the slab due to recent storm events. No soil-gas sample was collected from Bakers Outlet. Soil-gas samples were collected by attaching a length of Teflon® tubing between the port assembly and a 6-L Summa Canister. Then the pre-set valve on the Summa canister was opened to begin the soil-gas sampling and initial vacuum reading was noted on the logbook. On April 20, 2011, the valves on the Summa canisters were closed approximately after a 24-hr period. Both Summa canister samples were collected before the negative pressure in the canister went "ambient" by ensuring that the valve was closed while there was still some vacuum left in the canister. After sampling was completed, all ports were left in place in case if future sampling is needed. The samples were packaged and shipped off to Microbac Laboratories in Merrillville, Indiana on April 20, 2011 for VOC analysis following EPA method TO-15.



Sandies Dry Cleaners
Site Assessment
Little Chute, Outagamie County, Wisconsin
TDD No. TO-05-11-03-0007

Figure 3
Sample Location Map

OTIE
Oneida Total Integrated Enterprises

Table 1
Sample Locations and Descriptions
Sandies Dry Cleaner Site Assessment
Little Chute, Wisconsin

Boring ID/ Well ID	Installation Date	Location Description	Matrix	Sample ID	Sample Date	Sample Description
None	Not Applicable	Inside Sandies dry cleaner, unoccupied apartment, upper level	Air	A01-513GRND-UL	3/11/2011	Indoor Air, 24-Hr
None	Not Applicable	Inside Weenies bar, ground level	Air	A02-515GRND-GL	3/11/2011	Indoor Air, 24-Hr
None	Not Applicable	Inside Weenies bar, occupied apartment, upper level	Air	A03-515GRND-UL	3/11/2011	Indoor Air, 24-Hr
None	Not Applicable	Inside Weenies bar, basement level	Air	A04-515GRND-BL	3/11/2011	Indoor Air, 24-Hr
None	Not Applicable	Inside Bakers Outlet, basement level	Air	A05-505GRND-BL	3/11/2011	Indoor Air, 24-Hr
None	Not Applicable	Inside Apartment above American Family Insurance, occupied, upper level	Air	A06-505GRND-UL	3/11/2011	Indoor Air, 24-Hr
SDC-GP-1-3'	4/6/2011	Outside, From NW outside corner of Weenies building go 21.0ft E, 4.3ft N	Soil	SDC-GP-1-3'	4/6/2011	Soil from 3' bgs
SDC-GP-2-2'	4/6/2011	Outside, behind Sandies, In parking lot	Soil	SDC-GP-2-2'	4/6/2011	Soil from 2' bgs
SDC-GW-2	4/6/2011		GW	SDC-GW-2	4/7/2011	Groundwater
SDC-GP-3-2_5'	4/6/2011	Outside, backyard of Weenies, near walk way to backdoor, near SE corner of garage	Soil	SDC-GP-3-2_5'	4/6/2011	Soil from 2.5' bgs
SDC-GP-4-4'	4/6/2011	Outside, Behind Sandies, on edge of village property, near alley	Soil	SDC-GP-4-4'	4/6/2011	Soil from 4' bgs
SDC-GP-5-3_5'	4/6/2011	Outside, Behind Weenies, on west side of the garage, near alley	Soil	SDC-GP-5-3_5'	4/6/2011	Soil from 3.5' bgs
SDC-GP-6-14'	4/6/2011	Outside, Near NW edge of Bakery, by dumpsters	Soil	SDC-GP-6-14'	4/6/2011	Soil from 14' bgs
SDC-GP-7-1_5'	4/6/2011	Outside, Behind Sandies where pipe was sticking out of the ground, NW edge of building	Soil	SDC-GP-7-1_5'	4/6/2011	Soil from 5' bgs
SDC-GP-8-1'	4/6/2011	Inside Sandies, Wash Room, beneath concrete slab, From NE corner go 10.8ft W, 7.2ft S.	Soil	SDC-GP-8-1'	4/6/2011	Sub-Slab Soil from 1' bgs
SDC-GP-8-1'-D	4/6/2011		Soil	SDC-GP-8-1'-D	4/6/2011	
SDC-GW-8	4/6/2011		GW	SDC-GW-8	4/7/2011	Groundwater below Sub-Slab

Table 1 (continued)
Sample Locations and Descriptions
Sandies Dry Cleaner Site Assessment
Little Chute, Wisconsin

Boring ID/ Well ID	Installation Date	Location Description	Matrix	Sample ID	Sample Date	Sample Description
SDC-GP-9-5'	4/7/2011	Inside Sandies, room east of wash room, From NE corner go 1.3ft S, 3.4ft W	Soil	SDC-GP-9-5'	4/7/2011	Sub-Slab Soil from 5' bgs
SDC-GP-10-1'	4/7/2011	Inside Sandies, under stairs, From SE corner of main room go 2.3ft W, 6.9ft N	Soil	SDC-GP-10-1'	4/7/2011	Sub-Slab Soil from 1' bgs
SDC-GP-11-2'	4/7/2011	Inside Sandies, boiler room, from NE corner of room go 7.2ft S, 7.5ft W	Soil	SDC-GP-11-2'	4/7/2011	Sub-Slab Soil from 2' bgs
SDC-GP-12-0_5'	4/7/2011	Inside Sandies, In wash Room, from NW corner of room go 2.1ft S, 5.4' E	Soil	SDC-GP-12-0_5'	4/7/2011	Sub-Slab Soil from 0.5' bgs
SDC-SG-01	4/18/2011	Inside Weenies basement, adjoining Wall between Sandies and Weenies, SW corner of the basement room, 5.45 feet height from the floor and 1 feet from west wall	Air	SDC-SG-01	4/20/11	Sub-Slab Soil-gas, 24-Hr
SDC-SG-02	4/18/2011	Inside Sandies, In wash room, from NW corner of room go 11.7' E, 1.45' S	Air	SDC-SG-02	4/20/11	Sub-Slab Soil-gas, 24-Hr
SDC-SG-03	4/18/2011	Inside Bakers Outlet, In basement near bottom of stairs, from NW corner of room go 2.55' E, 2.1' S		Not Sampled		Port was filled with water. Not sampled

4. ANALYTICAL RESULTS

START reviewed the SA analytical data and supporting quality assurance/quality control (QA/QC) data provided by Microbac laboratories. The validated analytical data package is included in Appendix B. Based on START's data validation, the data is acceptable for use as qualified.

4.1 Indoor Air Sample Results

Results for indoor air samples collected on March 11, 2011 are shown in Table 2. Detected PCE results in indoor air were 31 ppbv in SDC, 3.6 to 5 ppbv in Weenies Tavern and 0.78 ppbv in the Bakers Outlet. Results for indoor air samples collected from SDC and Weenies were above the WDNR VAL for commercial indoor air of 3.1 ppbv for PCE. The indoor air result for the sample collected from the basement of Bakers Outlet was above the WDNR VAL for residential indoor air of 0.6 ppbv but below the WDNR VAL for commercial indoor air. PCE was not detected in the sample collected in the apartment above American Family Insurance.

4.2 Subsurface and Sub-slab Soil Sample Results

All detected analytical results for subsurface and sub-slab soil samples are shown in Table 3 and Table 4, respectively. PCE was detected above EPA's risk based Soil Screening Levels (SSLs) of 0.049 micrograms per kilogram (µg/Kg) derived for protection of groundwater in all soil samples from the site, SDC-GP-6-14', SDC-GP-7-1.5' SDC-GP-8-1' SDC-GP-9-5' SDC-GP-10-1' SDC-GP-11-2' and SDC-GP-12-0.5', two subsurface soil samples in Village alley, SDC-GP-2-2'and SDC-GP-4-4', and one subsurface soil sample from Weenies Still property closer to the site, SDC-GP-3-2.5'. The highest sub-slab soil result for PCE was obtained from the soil sample, SDC-GP-8-1'-D, collected from within 1-foot below the concrete slab next to the dry cleaning machine inside SDC. This sample had a PCE result of 1,400,000 µg/Kg result, which is 28.5 million times the SSL. The highest subsurface soil result of 36 mg/Kg for PCE was obtained from the soil sample collected at 14 feet bgs at soil boring location SDC-GP-6, which is located on southwest side of the site downgradient to the source area. TCE was detected above EPA's risk based SSLs at two subsurface soil locations, SDC-GP-2, and two sub-slab soil locations, SDC-GP-8 and SDC-GP-12, in the source area inside the wash room. At the downgradient location, SDC-GP-2, other daughter products of PCE, cis-1,2-dichloroethylene and trans-1,2-dichloroethylene, were also detected.

4.3 Groundwater Sample Results

All detected analytical results for groundwater samples are shown in Table 5. Analytical results indicate that SDC-GW-2 contained 180 micrograms per liter (µg/L) PCE and SDC-GW-8 contained 1,500 µg/L

PCE. According to the U.S. EPA Safe Drinking Water Act (SDWA), the Maximum Contaminant Level (MCL) for PCE is 5 µg/L. Under the Wisconsin Administrative Code, chapter NR 140, Table 1, Public Health Groundwater Quality Standards, the Enforcement Standard (ES) for PCE is listed as 5.0 µg/L.

4.4 Sub-slab Soil-gas Sample Results

All detected analytical results for sub-slab soil-gas samples are shown in Table 6. Analytical results indicate that PCE concentrations were 3.5 ppbv in SDC-SG-01, collected on Weenies Still property, and 22,000 ppbv in SDC-SG-02, collected on SDC property. The WDNR Vapor Risk Screening Level (VRSL) for non-residential properties for PCE based on a 1 in 10,000 risk is 31 ppbv. The result of soil-gas sample collected from the site is 709 times the WDNR VRSL.

Table 2
Indoor Air Volatile Organic Compounds Results
Sandies Drycleaner Site Assessment
Little Chute, WI

Analyte	WDNR Residential Vapor Action Level	WDNR Commercial Vapor Action Level	A01-513GRND-UL 03/11/2011	A02-515GRND-GL 03/11/2011	A03-515GRND-UL 03/11/2011	A04-515GRND-BL 03/11/2011	A05-505GRND-BL 03/11/2011	A06-505GRND-UL 03/11/2011
VOCs (ppbv)								
1,2,4-Trimethylbenzene	14.85	63.06	**0.62**	ND	ND	ND	ND	ND
1,3-Butadiene	0.366	1.854	ND	ND	**2.2**	ND	ND	ND
1,4-Dichlorobenzene	0.366	1.830	ND	**0.67**	**0.59**	ND	ND	ND
2-Butanone	17,633	74,603	ND	ND	**2**	ND	ND	ND
2-Propanol	29,702	126,130	ND	**31**	**29**	ND	ND	ND
Acetone	134,727	589,430	**7.1**	**20**	**27**	**4.3**	ND	**5.9**
Benzene	0.97	5.01	ND	**0.48**	**1.7**	ND	**0.44**	**0.49**
Chloroform	0.225	1.086	ND	**0.6**	**0.73**	ND	ND	ND
Chloromethane	455	1,889	ND	**1.1**	**3.6**	ND	ND	**0.93**
Dichlorodifluoromethane	202.24	890	**0.59**	**0.54**	**0.52**	**0.54**	**0.89**	**0.7**
Ethyl acetate	NL	NL	ND	**2.4**	**2.8**	**0.56**	ND	ND
Ethylbenzene	2.23	11.29	ND	ND	**0.4**	ND	ND	ND
Heptane	NL	NL	**0.78**	**0.48**	**0.82**	ND	ND	ND
m,p-Xylene	230	1,013	**0.91**	ND	**1.2**	ND	ND	ND
Propylene	18,014	75,544	ND	ND	**10**	ND	ND	ND
Styrene	2,348	10,331	ND	ND	**0.49**	ND	ND	ND
Tetrachloroethylene	0.60	3.10	**31**	**3.6**	**3.9**	**5**	**0.78**	ND
Toluene	13,800	58,386	**5.9**	**1.5**	**3.7**	**1.2**	**0.66**	**0.71**
Trichloroethylene	2.23	11.35	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	1,299	5,518	ND	**0.44**	**0.5**	ND	**1.3**	**0.81**
Xylenes, Total	230	1,013	**1.2**	ND	**1.5**	ND	ND	ND

Notes:
Samples were collected on March 11th, 2011 under START contract EP-S5-10-10.
Analyses were conducted by Microbac Laboratories, Merrilville, Indiana under TDD No: TO-05-11-03-0007
ppbv – parts per billion by volume
NL - Not listed
ND – analyte not detected above the laboratory method detection limit
Bolded results indicate detections above the reporting limit
Shaded results exceeded either residential or residential and commercial vapor action levels set by WDNR.

Table 3
Subsurface Soil Volatile Organic Compounds Results
Sandies Drycleaner Site Assessment
Little Chute, Wisconsin

Analyte	Risk Based SSLs (µg/Kg)*	SDC-GP-1-3' 4/6/2011	SDC-GP-2-2' 4/6/2011	SDC-GP-3-2_5' 4/6/2011	SDC-GP-4-4' 4/6/2011	SDC-GP-5-3_5' 4/6/2011	SDC-GP-6-14' 4/6/2011	SDC-GP-7-1_5' 4/6/2011
VOCs (µg/Kg dry)								
2-Butanone	1,500	ND	**16**	**11 J**	ND	ND	ND	ND
Acetone	4,500	**68**	**170**	**160**	**30 J**	**150**	ND	ND
Benzene	0.21	ND	ND	**2.4 J**	**3.1 J**	ND	ND	ND
cis-1,2-Dichloroethene	21	ND	**64**	ND	ND	ND	ND	ND
Ethylbenzene	1.70	**1.5 J**	**1.4 J**	**1.4 J**	**4.0 J**	**2.0 J**	ND	ND
m,p-Xylene	1,200	**2.5 J**	**2.4 J**	**3.0 J**	**6.4**	**4.5 J**	ND	ND
o-Xylene	1,200	ND	ND	ND	**2.3 J**	ND	ND	ND
Tetrachloroethene (PCE)	0.049	ND	**700**	**120**	**5.5 J**	ND	**36,000**	**1,300**
Toluene	1,600	**1.8 J**	**2.1 J**	**4.9 J**	**8.4**	**2.4 J**	ND	ND
Total 1,2-Dichloroethene	97	ND	**80**	ND	ND	ND	ND	ND
Total Xylenes	200	**2.5 J**	**2.4 J**	**3.0 J**	**8.8**	**4.5 J**	ND	ND
trans-1,2-Dichloroethene	31	ND	**16**	ND	ND	ND	ND	ND
Trichloroethene (TCE)	0.72	ND	**100**	ND	**1.4 J**	ND	ND	ND

Notes:

Site Assessment conducted under START contract EP-S5-10-10 on April 6th and 7th, 2011.

Analyses were conducted by Microbac Laboratories, Merrilville, Indiana under TDD No: TO-05-11-03-0007

µg/Kg dry – micrograms per kilogram dry basis

J – result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value

ND – analyte not detected above the laboratory method detection limit

* Values were obtained from EPA Region 9 RSL Table for the Soil Screening Levels calculated for Protection of Groundwater Criteria

Bolded results indicate detections above the reporting limit

Shaded results exceeded EPA's Risk based SSLs

Table 4
Sub-Slab Soil Volatile Organic Compounds Results
Sandies Drycleaner Site Assessment
Little Chute, Wisconsin

Analyte	Risk Based SSLs (µg/Kg)*	SDC-GP-8-1' 4/6/2011	SDC-GP-8-1'-D 4/6/2011	SDC-GP-9-5' 4/7/2011	SDC-GP-10-1' 4/7/2011	SDC-GP-11-2' 4/7/2011	SDC-GP-12-0_5' 4/7/2011
VOCs (µg/Kg dry)							
1,1,1,2-Tetrachloroethane	0.20	ND	ND	ND	ND	ND	**110 J**
Acetone	4,500	ND	ND	**23 J**	ND	ND	ND
Benzene	0.21	ND	ND	**1.8 J**	ND	ND	ND
cis-1,2-Dichloroethene	21	ND	ND	ND	ND	ND	ND
Ethylbenzene	1.70	ND	ND	**2.8 J**	ND	ND	ND
m,p-Xylene	1,200	ND	ND	**3.3 J**	ND	ND	ND
o-Xylene	1,200	ND	ND	**1.2 J**	ND	ND	ND
Tetrachloroethene (PCE)	0.049	**390,000**	**1,400,000**	**19**	**1,500**	**780**	**810,000**
Toluene	1,600	ND	ND	**4.6 J**	ND	ND	ND
Total 1,2-Dichloroethene	97	ND	ND	ND	ND	ND	ND
Total Xylenes	200	ND	ND	**4.5 J**	ND	ND	ND
trans-1,2-Dichloroethene	31	ND	ND	ND	ND	ND	ND
Trichloroethene (TCE)	0.72	**120 J**	**430 J**	ND	ND	ND	**810**
TCLP VOCs	**TCLP Limit (mg/L)**						
Tetrachloroethene (PCE)	0.70	ND	N/A	N/A	N/A	N/A	**0.11**

Notes:

Site Assessment conducted under START contract EP-S5-10-10 on April 6th and 7th, 2011.
Analyses were conducted by Microbac Laboratories, Merrilville, Indiana under TDD No: TO-05-11-03-0007
µg/Kg dry – micrograms per kilogram dry basis
J – result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ND – analyte not detected above the laboratory method detection limit
N/A – Not Analyzed
Sample SDC-GP-8-1'-D is a field duplicate of sample SDC-GP-8-1'
* Values were obtained from EPA Region 9 RSL Table for the Soil Screening Levels calculated for Protection of Groundwater Criteria
TCLP - Toxic Characteristic Leaching Procedure
Bolded results indicate detections above the reporting limit
Shaded results exceeded EPA's Risk based SSLs

Table 5
Groundwater Volatile Organic Compounds Results
Sandies Drycleaner Site Assessment
Little Chute, Wisconsin

Analyte	Federal MCL	WDNR NR 140 ES	SDC-GW-2 4/7/2011	SDC-GW-8 4/7/2011
VOCs (µg/L)				
Tetrachloroethene (PCE)	5	5	**180**	**1,500**

Notes:

Site Assessment conducted under START contract EP-S5-10-10 on April 6th and 7th, 2011.
Analyses were conducted by Microbac Laboratories, Merrilville, Indiana under TDD No: TO-05-11-03-0007
µg/L – micrograms per liter
Bolded results indicate detections above the reporting limit
Shaded results exceeded the federal Maximum Contaminant Level (MCL) and State Enforcement Standard

Table 6
Sub-Slab Soil-Gas Volatile Organic Compounds Results
Sandies Drycleaner Site Assessment
Little Chute, WI

Analyte	WDNR Commercial Vapor Risk Screening Level	SDC-SG-01 4/20/2011	SDC-SG-02 4/20/2011
VOCs (ppbv)			
2-Butanone	746,033	**0.74 J**	ND
2-Propanol	1,261,298	**0.97 J**	ND
Acetone	5,894,297	**4.3**	**17 J**
Acrolein	4	**0.78**	ND
Benzene	50	**0.27 J**	ND
Carbon disulfide	99,572	**0.21 J**	**7.3 J**
Chloromethane	18,888	**0.49 J**	ND
Dichlorodifluoromethane	8,899	**0.28 J**	ND
Ethyl acetate	NL	**1.9**	ND
Heptane	NL	**0.32 J**	ND
Hexane	87,960	**1.6**	ND
Methylene chloride	749	**1.3 J**	ND
Propylene	755,437	**0.71 J**	ND
Tetrachloroethylene	31	**3.5**	**22,000**
Toluene	583,855	**1.2**	ND
Trichloroethylene	114	ND	**24**
Trichlorofluoromethane	55,182	**0.22 J**	ND

Notes:
Samples were collected on April 20th, 2011 under START contract EP-S5-10-10.
Analyses were conducted by Microbac Laboratories, Merrilville, Indiana under TDD No: TO-05-11-03-0007
ppbv – parts per billion by volume
J – result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
NL - Not listed
ND – analyte not detected above the laboratory method detection limit
Bolded results indicate detections above the reporting limit
Shaded results exceeded commercial vapor risk screening level set by WDNR.

5. POTENTIAL SITE RELATED THREATS

Threats posed by the site were evaluated in accordance with Title 40 of the Code of Federal Regulations (CFR), Section 300.415(b) (2). Paragraph (b) (2) of 40 CFR Section 300.415 lists factors to be considered when determining the appropriateness of a potential removal action at a site. Potential site-related threats to human health and the environment were evaluated based on the criteria listed in 40 CFR, Sections 261.20 through 261.24 and under WDNR VAL. Factors that are applicable to the site are discussed below.

Actual or potential exposure of nearby human populations, animals, or the food chain to hazardous substances or pollutants or contaminants

Human populations face an ongoing exposure to hazardous substances next to the Site. PCE was detected above the WDNR VAL of 3.1 ppbv for commercial indoor air in all indoor air samples collected by WDHS in February 2011 and U.S. EPA in March 2011 from the Site building and the adjacent Weenies Still property. Weenies Still Bar has an unoccupied basement, an active tavern business on the first floor and an occupied second floor apartment. The property owners of Weenies Still property opened the vents in all levels of their building to increase the ventilation and reduce PCE concentration in indoor air, at the suggestion of WDHS. Even after continued ventilation, PCE was detected above WDNR vapor action level in all indoor air samples from Weenies.

In addition, the indoor air samples collected by WDNR and EPA inside the unoccupied apartment of the Site, where the owner is planning to live in the future, exceeded the VAL for PCE in residential indoor air set by WDNR.

Analytical results of all subsurface and sub-slab soil samples collected inside and outside the Site building exceeded the EPA Soil Screening Levels (SSLs) for PCE based on protection of groundwater criteria with the highest concentration found next to the dry cleaner machine at 1,400,000 µg/kg, which is 28.5 million times the EPA SSL. PCE in shallow groundwater was found at 1,500 µg/l which is 300 times the EPA MCL and WDNR ES of 5 µg/L , next to the dry cleaner machine.

In addition, groundwater contaminated with PCE was found outside at a downgradient location on-site at 36 times the EPA MCL and WDNR ES. This source area and the basement wall of Weenies Still property are separated by an adjoining wall, which has several cracks. Water was observed to be seeping through this adjoining wall into the basement of Weenies Still property from the site. PCE dissolved in water infiltrating into the basement can off-gas to indoor air. There is a potential for the residents of

Weenies Still property and workers of the tavern to come into contact with the PCE-contaminated groundwater that seeps into the basement.

Humans exposed to intermediate to high levels of PCE in air experience eye and respiratory irritation, dizziness, lack of coordination and unconsciousness. Animal studies indicate PCE adversely affects the central nervous system and the liver, and that PCE causes cancer by both inhalation and ingestion exposures in rats and mice (U.S. EPA 1984).

Research also indicates that PCE leaches readily to groundwater. In saturated deep soils (such as at this Site), 26% of the chemical leaches to groundwater (U.S. Air Force 1989). PCE's degradation products (TCE and cis-1,2-Dichloroethene) are known to cause nausea, dizziness, and sleepiness.

High levels of hazardous substances or pollutants or contaminants in soils largely at or near the surface, that may migrate

Analytical results of all subsurface and sub-slab soil samples collected inside and outside the site building exceeded the EPA Soil Screening Levels (SSLs) for PCE based on protection of groundwater criteria with the highest concentration found next to the dry cleaner machine at 1,400,000 µg/Kg which is 28.5 million times the EPA SSL. PCE in shallow groundwater next to the dry cleaner machine was found at 1,500 µg/L, which is 300 times the EPA MCL and WDNR ES of 5 µg/L. In addition, groundwater contaminated with PCE was found outside at a downgradient location on-site at 36 times the EPA MCL and WDNR ES. The results of the site assessment show that high levels of PCE (which is a hazardous substance) are migrating off-site through groundwater and soil gas. If no action is taken, the PCE migration is expected to continue, potentially further increasing the risk to the downgradient receptor populations.

Weather conditions that may cause substances or pollutants or contaminants to migrate or be released

Rain water and snow melt, as they percolate through Site soil to the water table, can mobilize contaminants toward the water table. The water table is very shallow at this Site, less than three feet below grade. Elevated concentrations of PCE have been detected in the groundwater, next to the dry cleaner machine and downgradient of the dry cleaner building indicating that precipitation is causing the spilled material to migrate. Additionally, it is probable that snow melt has caused historic surface spills to migrate off the property via runoff onto the adjacent down gradient properties. Dry conditions also pose a risk at this Site.

The availability of other appropriate federal or state response mechanisms to respond to the release

WDNR requested U.S. EPA Region 5 Emergency Response Branch assistance to help evaluate and mitigate a possible threat posed by the Sandies Dry Cleaner site. This request was made to U.S. EPA since WDNR does not have appropriate state response mechanisms or resources to respond.

Other situations or factors that may pose threats to public health or welfare of the United States or the environment

Numerous residences and small businesses are located downgradient of the Site. U.S. EPA's initial Site Assessment demonstrated that the health of the neighbors is at risk from vapors volatilizing from groundwater and permeating the soil beneath the Sandies Dry Cleaner and Laundry Building.

6. SUMMARY

From March 10 to April 20, 2011, U.S. EPA and START conducted Site Assessment activities at the Sandies Dry Cleaner site in Little Chute, Wisconsin. A total of seven subsurface soil samples from locations outside the site building, and six sub-slab soil samples, including one duplicate sub-slab soil sample, from locations inside the site building and two groundwater samples were submitted to the laboratory for VOC analysis. Two soil samples were analyzed for TCLP VOCs.

Six indoor air, 24-hr Summa canister samples were collected from the site and premises located north and south of the site and submitted for TO-15 analysis. Two sub-slab soil-gas samples, one each from the site and Weenies Still property, from the soil-gas ports were also collected and submitted for TO-15 analysis.

Analytical results of all subsurface and sub-slab soil samples collected inside and outside the site building exceeded the EPA Soil Screening Levels (SSLs) for PCE based on protection of groundwater criteria with the highest concentration found next to the dry cleaner machine at 1,400,000 µg/Kg which is 28.5 million times the SSL. PCE in shallow groundwater collected next to the dry cleaner machine was found at 1,500 µg/L, which is 300 times the EPA Maximum Contaminant Level (MCL) and WDNR Enforcement Standard (ES) of 5 µg/L, In addition, groundwater contaminated with PCE was found outside at a downgradient location on-site at 36 times the EPA MCL and WDNR ES.

Vapor Intrusion of PCE contaminated indoor air was detected at the Weenies Still property next door. Specifically, USEPA found an indoor air sample result of 3.9 ppbv at the occupied apartment at Weenies which is 6.5 times the WDNR vapor action level (VAL) for residential indoor air. PCE results for all indoor air samples collected from the site and adjacent Weenies Still property exceeded the WDNR VAL of 3.1 ppbv for commercial indoor air. The soil-gas sample collected from the source area in the site had a PCE concentration of 22,000 ppbv, which is 709 times the WNDR VRSL for commercial properties.

Because the PCE contamination identified at this Site is a direct contact and inhalation risk to the public and the contamination continues to migrate off-site, U.S. EPA seeks to conduct a more extensive investigation, to remove and dispose of the hazardous material in the soil, and to install vapor abatement systems in impacted structures.

APPENDIX A

PHOTOGRAPHIC LOG

(12 Pages)

Photograph No.: 1 **Photographer:** Naren Babu **Orientation:** West
TDD Number: TO-05-11-03-0007 **Contract:** EP-S5-10-10, OTIE **Date:** April 7, 2011
Site Name & Location: Sandies Dry Cleaning Site, Little Chute, Outagamie County, Wisconsin.
Subject: View of the drycleaning machine located inside the wash room of Sandies Dry Cleaner site building

Photograph No.: 2 **Photographer:** Naren Babu **Orientation:** South
TDD Number: TO-05-11-03-0007 **Contract:** EP-S5-10-10, OTIE **Date:** April 7, 2011
Site Name & Location: Sandies Dry Cleaning Site, Little Chute, Outagamie County, Wisconsin.
Subject: View of the discolored area behind the dry cleaning machine

Photograph No.: 3 **Photographer:** Naren Babu **Orientation:** West
TDD Number: TO-05-11-03-0007 **Contract:** EP-S5-10-10, OTIE **Date:** April 7, 2011
Site Name & Location: Sandies Dry Cleaning Site, Little Chute, Outagamie County, Wisconsin.
Subject: View of the pipe in the wash room that extends to the backyard

Photograph No.: 4 **Photographer:** Naren Babu **Orientation:** Southwest
TDD Number: TO-05-11-03-0007 **Contract:** EP-S5-10-10, OTIE **Date:** April 7, 2011
Site Name & Location: Sandies Dry Cleaning Site, Little Chute, Outagamie County, Wisconsin.
Subject: View of the bucket and mop from behind the dry cleaning machine in the wash room

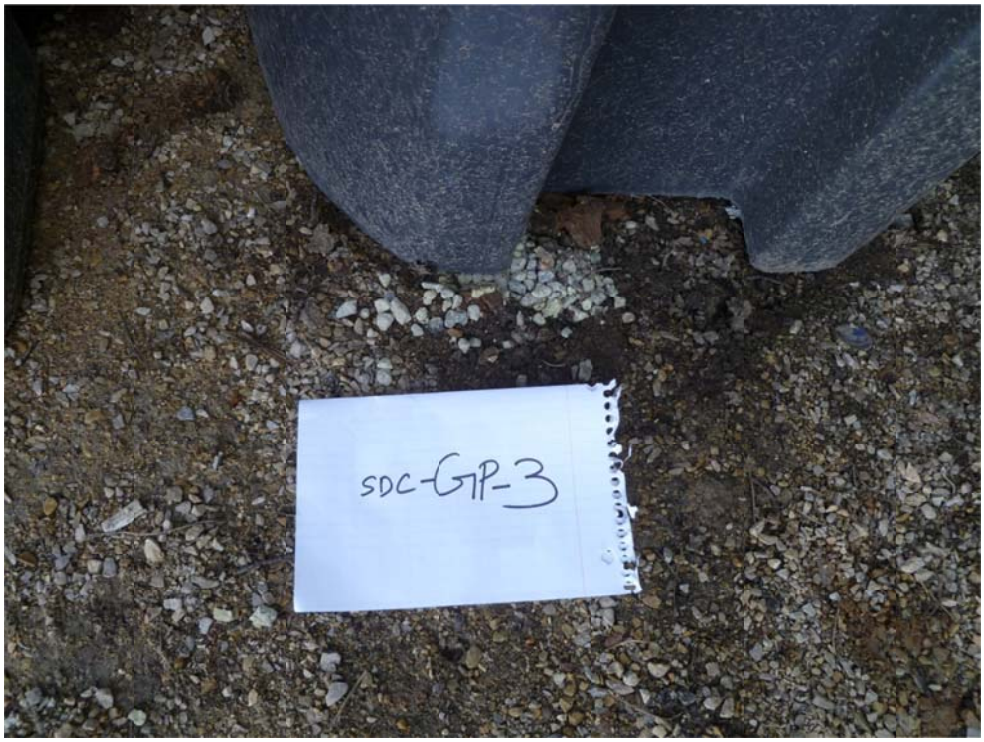
Photograph No.: 5 **Photographer:** Naren Babu **Orientation:** South
TDD Number: TO-05-11-03-0007 **Contract:** EP-S5-10-10, OTIE **Date:** April 7, 2011
Site Name & Location: Sandies Dry Cleaning Site, Little Chute, Outagamie County, Wisconsin.
Subject: View of the Safety-Kleen container for the purpose of the recycling PCE solvent filters

Photograph No.: 6 **Photographer:** Naren Babu **Orientation:** Looking Down
TDD Number: TO-05-11-03-0007 **Contract:** EP-S5-10-10, OTIE **Date:** April 7, 2011
Site Name & Location: Sandies Dry Cleaning Site, Little Chute, Outagamie County, Wisconsin.
Subject: Safety-Kleen container is filled with trash

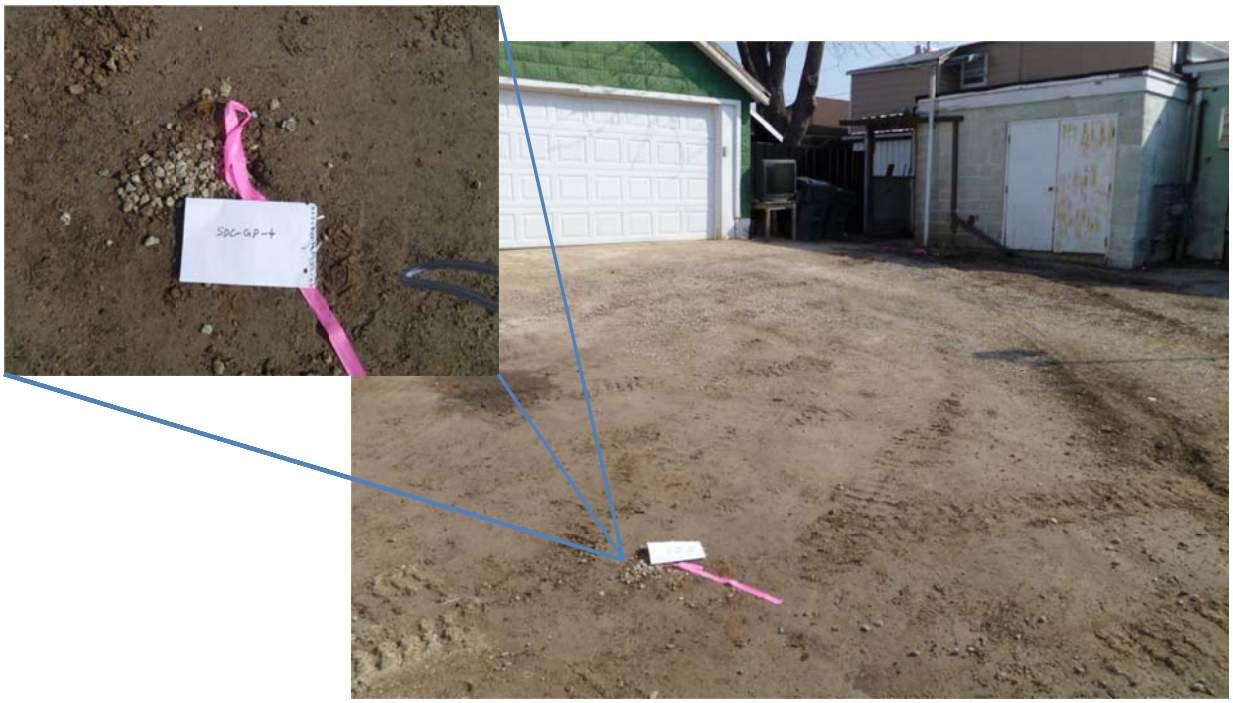
Photograph No.: 7 **Photographer:** Naren Babu **Orientation:** Looking Down
TDD Number: TO-05-11-03-0007 **Contract:** EP-S5-10-10, OTIE **Date:** April 7, 2011
Site Name & Location: Sandies Dry Cleaning Site, Little Chute, Outagamie County, Wisconsin.
Subject: Electrical ballasts found inside Sandies Dry Cleaners which may contain PCBs

Photograph No.: 8 **Photographer:** Naren Babu **Orientation:** West
TDD Number: TO-05-11-03-0007 **Contract:** EP-S5-10-10, OTIE **Date:** April 7, 2011
Site Name & Location: Sandies Dry Cleaning Site, Little Chute, Outagamie County, Wisconsin.
Subject: View of the location of soil boring SDC-GP-1 just north of Weenies Still property

Photograph No.: 9 **Photographer:** Naren Babu **Orientation:** Northwest
TDD Number: TO-05-11-03-0007 **Contract:** EP-S5-10-10, OTIE **Date:** April 7, 2011
Site Name & Location: Sandies Dry Cleaning Site, Little Chute, Outagamie County, Wisconsin.
Subject: View of the location of soil boring SDC-GP-2 in the City alley



Photograph No.: 10 **Photographer:** Naren Babu **Orientation:** Looking Down
TDD Number: TO-05-11-03-0007 **Contract:** EP-S5-10-10, OTIE **Date:** April 7, 2011
Site Name & Location: Sandies Dry Cleaning Site, Little Chute, Outagamie County, Wisconsin.
Subject: View of the location of soil boring SDC-GP-3 just north of Sandies Dry Cleaner property

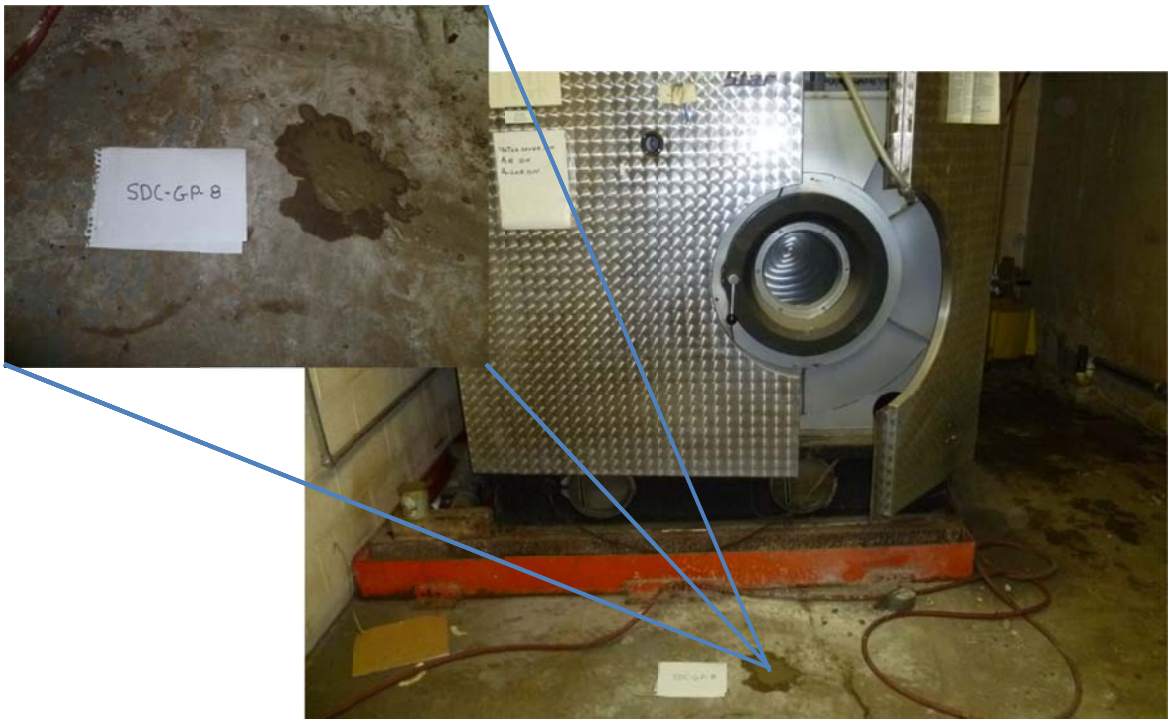


Photograph No.: 11 **Photographer:** Naren Babu **Orientation:** North
TDD Number: TO-05-11-03-0007 **Contract:** EP-S5-10-10, OTIE **Date:** April 7, 2011
Site Name & Location: Sandies Dry Cleaning Site, Little Chute, Outagamie County, Wisconsin.
Subject: View of the location of soil boring SDC-GP-4 in the City Alley

Photograph No.: 12 **Photographer:** Naren Babu **Orientation:** East
TDD Number: TO-05-11-03-0007 **Contract:** EP-S5-10-10, OTIE **Date:** April 7, 2011
Site Name & Location: Sandies Dry Cleaning Site, Little Chute, Outagamie County, Wisconsin.
Subject: View of the location of soil boring SDC-GP-5 just west of Weenies Still property in the City alley

Photograph No.: 13 **Photographer:** Naren Babu **Orientation:** Southeast
TDD Number: TO-05-11-03-0007 **Contract:** EP-S5-10-10, OTIE **Date:** April 7, 2011
Site Name & Location: Sandies Dry Cleaning Site, Little Chute, Outagamie County, Wisconsin.
Subject: View of the location of soil boring SDC-GP-6 in the southwest side of the site

Photograph No.: 14 **Photographer:** Naren Babu **Orientation:** Looking Down
TDD Number: TO-05-11-03-0007 **Contract:** EP-S5-10-10, OTIE **Date:** April 7, 2011
Site Name & Location: Sandies Dry Cleaning Site, Little Chute, Outagamie County, Wisconsin.
Subject: View of the location of soil boring SDC-GP-7 just behind the site building where a metal pipe was sticking out of the ground.



Photograph No.: 15 **Photographer:** Naren Babu **Orientation:** West
TDD Number: TO-05-11-03-0007 **Contract:** EP-S5-10-10, OTIE **Date:** April 7, 2011
Site Name & Location: Sandies Dry Cleaning Site, Little Chute, Outagamie County, Wisconsin.
Subject: View of the location of sub-slab soil boring SDC-GP-8 just west of the dry cleaning machine inside the site building

Photograph No.: 16 **Photographer:** Naren Babu **Orientation:** North
TDD Number: TO-05-11-03-0007 **Contract:** EP-S5-10-10, OTIE **Date:** April 7, 2011
Site Name & Location: Sandies Dry Cleaning Site, Little Chute, Outagamie County, Wisconsin.
Subject: View of the location of sub-slab soil boring SDC-GP-9 just west of the dry cleaning machine inside the site building

Photograph No.: 17 **Photographer:** Naren Babu **Orientation:** Southeast
TDD Number: TO-05-11-03-0007 **Contract:** EP-S5-10-10, OTIE **Date:** April 7, 2011
Site Name & Location: Sandies Dry Cleaning Site, Little Chute, Outagamie County, Wisconsin.
Subject: View of the location of sub-slab soil boring SDC-GP-10 beneath the stairs inside the site building

Photograph No.: 18 **Photographer:** Naren Babu **Orientation:** Looking down
TDD Number: TO-05-11-03-0007 **Contract:** EP-S5-10-10, OTIE **Date:** April 7, 2011
Site Name & Location: Sandies Dry Cleaning Site, Little Chute, Outagamie County, Wisconsin.
Subject: View of the location of sub-slab soil boring SDC-GP-11 in the boiler room inside the site building

Photograph No.: 19 **Photographer:** Naren Babu **Orientation:** West
TDD Number: TO-05-11-03-0007 **Contract:** EP-S5-10-10, OTIE **Date:** April 7, 2011
Site Name & Location: Sandies Dry Cleaning Site, Little Chute, Outagamie County, Wisconsin.
Subject: View of the location of sub-slab soil boring SDC-GP-12 just north of the dry cleaning machine inside the site building

Photograph No.: 20 **Photographer:** Naren Babu **Orientation:**
TDD Number: TO-05-11-03-0007 **Contract:** EP-S5-10-10, OTIE **Date:** April 7, 2011
Site Name & Location: Sandies Dry Cleaning Site, Little Chute, Outagamie County, Wisconsin.
Subject: View of the drums with purged groundwater and soil cuttings stored inside the site building

Photograph No.: 21 **Photographer:** Naren Babu **Orientation:** Southwest
TDD Number: TO-05-11-03-0007 **Contract:** EP-S5-10-10, OTIE **Date:** April 18, 2011
Site Name & Location: Sandies Dry Cleaning Site, Little Chute, Outagamie County, Wisconsin.
Subject: View of the adjoining wall inside the basement in Weenies Still Bar showing water seeping from the site source area due to cracks in the wall

Photograph No.: 22 **Photographer:** Naren Babu **Orientation:** North
TDD Number: TO-05-11-03-0007 **Contract:** EP-S5-10-10, OTIE **Date:** April 20, 2011
Site Name & Location: Sandies Dry Cleaning Site, Little Chute, Outagamie County, Wisconsin.
Subject: View of the sub-slab soil-gas, SDC-SG-02, sample collected from Sandies

Photograph No.: 23 **Photographer:** Naren Babu **Orientation:** South
TDD Number: TO-05-11-03-0007 **Contract:** EP-S5-10-10, OTIE **Date:** April 20, 2011
Site Name & Location: Sandies Dry Cleaning Site, Little Chute, Outagamie County, Wisconsin.
Subject: View of the sub-slab soil-gas, SDC-SG-01, sample collected from the adjoining wall in Weenies Still basement

APPENDIX B

VALIDATED LABORATORY ANALYTICAL RESULTS

(77 Pages)

Oneida Total Integrated Enterprises
100 W Monroe Street, Suite 300 ● Chicago, IL 60607 ● (312) 220-7000 ● (312) 220-7004 (Fax)

MEMORANDUM

Date: May 20, 2011

To: Naren Babu, Project Manager, OTIE
Superfund Technical Assessment and Response Team (START) for Region 5

Prepared by: Allyson Warrington, START Environmental Scientist

QA/QC Concurrence by: Russell Henderson, START Deputy Program Manager

Subject: Data Validation
Sandies Dry Cleaners
Little Chute, WI

Laboratory: STAT Analysis Corporation, Chicago, IL.
Laboratory ID: 11030307

Lab ID 11030307: Analyses of six (6) air samples for volatile organic compounds (VOCs)

Laboratory: Microbac Laboratories, Inc., Merrillville, IN.
Laboratory ID: 11D0820

Lab ID 11D0820: Analyses of two (2) air samples for VOCs.

Laboratory: Microbac Laboratories, Inc., Merrillville, IN.
Laboratory ID: 11D0311

Lab ID 11D0311: Analyses of thirteen (13) soil samples for percent solids; Analysis of 13 (soil) samples and two (2) groundwater samples for VOCs.

1.0 INTRODUCTION

START validated 8 air samples for volatile organic compounds (VOCs), 13 soil samples for percent solids, 13 soil samples for VOCs, and 2 groundwater samples for VOCs. Samples were submitted to STAT Analysis Corporation in Chicago, IL and/or Microback Laboratories, Inc. in Merrillville, IN. All samples were collected in March and April 2011.

Laboratory data were validated using guidelines set forth in the U.S. EPA Contract Laboratory Program National Functional Guidelines for Organic Data Review (EPA540/R-99/008, October 1999), U.S. EPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review (EPA 540/R-94/013, February, 1994), and applicable methodologies. The purpose of the chemical data quality evaluation process is to assess the usability of data for the project decision-making process.

Organic data validation consisted of a review of the following QC audits:

- Chain of custody and sample receipt forms review
- Sample preservation and holding time
- Blank results
- Surrogate recoveries
- Matrix spike and Matrix Spike Duplicate (MS/MSD) recovery results
- Laboratory Control Sample (LCS) recovery results

Inorganic data validation consisted of a review of the following QC audits:

- Chain of custody and sample receipt forms review
- Sample preservation and holding time
- Blank results
- Duplicate Sample Results

Section 2.0 of this memorandum discusses the results of organic data validation. Section 3.0 of this memorandum discusses the results of inorganic data validation. Section 4.0 presents an overall assessment of the data. The attachment to this memorandum contains the laboratory reporting forms as well as START's handwritten data qualifications where warranted.

2.0 ORGANIC DATA VALIDATION RESULTS

The Results of START's organic data validation are summarized below by QC audit reviewed. After the START project staff received the data packages, they were inventoried for completeness and then reviewed according to matrix-specific protocols and data quality objectives established for the project.

2.1 AIR SAMPLES BY METHOD TO-15 (Lab ID 11030307)

2.1.1 SAMPLE HANDLING

Chain of custody documentation and sample receipt forms were reviewed to ensure requested analyses were performed and that samples arrived at the laboratory intact. Air samples were received with no discrepancies noted by the lab.

2.1.2 SAMPLE PRESERVATION AND HOLDING TIME

Air samples were analyzed within holding time criteria. No discrepancies were noted.

2.1.3 BLANK RESULTS

The purpose of laboratory (or field) blank analysis is to determine the existence and magnitude of contamination resulting from laboratory (or field) activities. A laboratory method blank sample (MB031611-6) was run with this SDG.

No method blank detects were noted.

2.1.4 INTERNAL STANDARD AREAS AND RETENTION TIMES

Internal standard areas and retention times were within QC limits. Internal standards used for this batch are: bromochloromethane, 1,4-difluorobenzene, and chlorobenzene-d5.

No discrepancies were noted.

2.1.5 MS/MSD RECOVERY RESULTS

Data for MS/MSDs are generated to determine long-term precision and accuracy of the analytical method on various matrices and to demonstrate acceptable compound recovery by the laboratory at the time of sample analysis.

An MS/MSD was run on this SDG. No deficiencies were noted.

2.1.6 LCS/LCSD RECOVERY RESULTS

Data for the LCS/LCSD is generated to provide information on the accuracy of the analytical method and on the laboratory performance. The LCS is fortified with the full list of VOCs and analyzed with each batch of samples. The LCS accuracy performance is measured by Percent Recovery (%R). An LCS/LCSD (LCS031611-6/LCSD031611-6) was run with this SDG.

No deficiencies were noted.

2.1.7 GENERAL LABORATORY OBSERVATIONS

No additional laboratory observations were noted for VOC analysis of air.

2.2 AIR SAMPLES BY METHOD TO-15 (Lab ID 11D0820)

2.2.1 SAMPLE HANDLING

Chain of custody documentation and sample receipt forms were reviewed to ensure requested analyses were performed and that samples arrived at the laboratory intact. Air samples were received with no discrepancies noted by the lab.

2.2.2 SAMPLE PRESERVATION AND HOLDING TIME

Air samples were analyzed within holding time criteria. No discrepancies were noted.

2.2.3 BLANK RESULTS

The purpose of laboratory (or field) blank analysis is to determine the existence and magnitude of contamination resulting from laboratory (or field) activities. A laboratory method blank sample, B013998-BLK1, was run with Batch B013998; B014064-BLK1 was run with Batch B014064.

No method blank detects were noted.

2.2.4 SURROGATE STANDARD RECOVERY

Laboratory performance on individual samples is established by means of fortifying each sample with surrogate compounds (System Monitoring Compounds). Surrogate spike compounds included 4-bromofluorobenzene.

No discrepancies were noted.

2.2.5 INTERNAL STANDARD AREAS AND RETENTION TIMES

Internal standard areas and retention times were within QC limits. Internal standards used for this batch are: bromochloromethane, 1,4-difluorobenzene, and chlorobenzene-d5.

No discrepancies were noted.

2.2.6 LCS/LCSD RECOVERY RESULTS

Data for the LCS/LCSD is generated to provide information on the accuracy of the analytical method and on the laboratory performance. The LCS is fortified with the full list of VOCs and analyzed with each batch of samples. The LCS accuracy performance is measured by Percent Recovery (%R). An LCS/LCSD (B013998-BS1/B013998-BSD1) was run with for Batch B013998. An LCS/LSCD (B014064-BS1/B014064-BSD1) was run with Batch B014064.

The LCS/LCSD recoveries for hexachlorobutadiene were below QC limits of 70-130% (67.7%/69.5%) in Batch B013998. Since the compound was not detected in the samples associated with the batch, no further action was taken.

No deficiencies were noted for Batch B014064.

2.2.7 GENERAL LABORATORY OBSERVATIONS

Sample SDC-SG-02 was run with a dilution factor of 14.9. Trichloroethene (TCE) was flagged “D” in the initial run, and was reanalyzed with a dilution factor of 3000, yielding a concentration of 22,000 parts per billion by volume (ppbv). While the initial run was included in the data set, only the second run should be used for reporting.

2.3 GROUNDWATER AND SOIL SAMPLES BY METHOD 8260B (Lab ID 11D0311)

2.3.1 SAMPLE HANDLING

Chain of custody documentation and sample receipt forms were reviewed to ensure requested analyses were performed and that samples arrived at the laboratory intact. Groundwater and soil samples were received with no discrepancies noted by the lab.

2.3.2 SAMPLE PRESERVATION AND HOLDING TIME

All samples were analyzed within holding time criteria. No discrepancies were noted.

2.3.3 BLANK RESULTS

The purpose of laboratory (or field) blank analysis is to determine the existence and magnitude of contamination resulting from laboratory (or field) activities. A laboratory method blank sample, B013225-BLK1, was run with Batch B013225; B013333-BLK1 was run with Batch B013333; and B013346-BLK1 was run with Batch B013346.

No method blank detects were noted.

2.3.4 SURROGATE STANDARD RECOVERY

Laboratory performance on individual samples is established by means of fortifying each sample with surrogate compounds (System Monitoring Compounds). Surrogate spike compounds included 4-bromofluorobenzene, 1,2-dichloroethane-d4, dibromofluoromethane, and toluene-d8.

No discrepancies were noted.

2.3.5 MS/MSD RECOVERY RESULTS

Data for MS/MSDs are generated to determine long-term precision and accuracy of the analytical method on various matrices and to demonstrate acceptable compound recovery by the laboratory at the time of sample analysis. Two MS/MSD were run on this SDG.

The MS/MSD recoveries for acrolein (159%; 154%) were above the QC limit in Batch B013225. The MS recovery for bromomethane (45.4%) was lower than the QC limit in Batch B013225. The MS/MSD recoveries for acetone (-81.2%; -65.3%) was well below the QC limit of 27.9-161% in Batch B013333. The MS/MSD relative percent difference for bromomethane (33.6%) was higher than the QC limit in Batch B013333.

Since the overall data set was acceptable, data was not qualified on MS/MSD deficiencies alone.

2.3.6 LCS/LCSD RECOVERY RESULTS

Data for the LCS/LCSD is generated to provide information on the accuracy of the analytical method and on the laboratory performance. The LCS is fortified with the full list of VOCs and analyzed with each batch of samples. The LCS accuracy performance is measured by Percent Recovery (%R). An LCS (B013225-BS1) was run with for Batch B013225. An LCS (B013333-BS1) was run with Batch B013333. An LCS/LCSD (B013346-BS1/B013346-BSD1) was run with Batch B013346.

The LCS recovery for chloroethane were above QC limits (128%) in Batch B013333. Since the compound was not detected in the samples associated with the batch, no further action was taken.

The LCS recoveries for 2-hexanone (118%) and 4-methyl-2-pentanone (128%) were above QC limits in Batch B013346. The LCSD recovery for 2-methyl-2-pentanone (123%) was also above QC limits in Batch B013346. Since both compounds were not detected in any sample associated with the batch, no further action was taken.

2.3.7 GENERAL LABORATORY OBSERVATIONS

In Batch B013346, tetrachloroethene (PCE) was run with a dilution factor of 50 in sample SDC-GP-2-2'. PCE was flagged "D", yielding a concentration of 570 µg/Kg. While the initial run was included in Batch B013333, only the dilution run should be used for reporting.

PCE was run with a dilution factor of 500 in sample SDC-GP-6-14' in Batch B013346. PCE was flagged "D" in the run, yielding a concentration of 29,000 µg/Kg. This run should be used for reporting.

PCE was run with a dilution factor of 10,000 in sample SDC-GP-8-1'-D in Batch B013346. PCE was flagged "D" in the run, yielding a concentration of 1,100,000 µg/Kg. This run should be used for reporting.

PCE was run with a dilution factor of 10,000 in sample SDC-GP-8-1' in Batch B013346. PCE was flagged "D" in the run, yielding a concentration of 320,000 µg/Kg. This run should be used for reporting.

PCE was run with a dilution factor of 10,000 in sample SDC-GP-12-0.5' in Batch B013346. PCE was flagged "D" in the run, yielding a concentration of 650,000 µg/Kg. This run should be used for reporting.

3.0 INORGANIC DATA VALIDATION RESULTS

The Results of START's inorganic data validation are summarized below by QC audit reviewed. After the START project staff received the data packages, they were inventoried for completeness and then reviewed according to matrix-specific protocols and data quality objectives established for the project.

3.1 SOIL SAMPLES BY METHOD SM-2540B

3.1.1 SAMPLE HANDLING

Chain of custody documentation and sample receipt forms were reviewed to ensure requested analyses were performed and that samples arrived at the laboratory intact. Soil samples were received with no discrepancies noted by the lab.

3.1.2 SAMPLE PRESERVATION AND HOLDING TIME

Samples were analyzed within the holding time criteria. No discrepancies were noted.

3.1.3 DULPICATE RESULTS

A duplicate run was performed on sample SDC-GP-5-3.5'. The relative percent difference between the native and duplicate result was 2.58%, which is within the control limit of 20%.

No deficiencies were noted.

4.0 OVERALL ASSESSMENT OF DATA

The analytical results meet the data quality objectives defined by the applicable method and validation guidance documentation. The analytical data is usable and acceptable as reported by the laboratory.

ATTACHMENT A

SUMMARY OF ANALYTICAL RESULTS

AND

CHAIN-OF-CUSTODY

STAT Analysis Corporation
2242 W. Harrison, Suite 200, Chicago, Illinois 60612 Phone: (312) 733-0551 Fax: (312) 733-2386
e-mail address: STATinfo@STATAnalysis.com AIHA, NVLAP and NELAP accredited

CHAIN OF CUSTODY RECORD

Nº: 836874 Page: ____ of ____

Company: OTIE (START)
Project Number: 2010101 Client Tracking No.:
Project Name: Sandies Dry Cleaners
Project Location: Little Chute, WI
Sampler(s): Andrew Plier
Report To: Raghu Nagam Phone: 312-220-7005
Fax:
e-mail:
QC Level: 1 ____ 2 ____ 3 X 4 ____

P.O. No.:
Quote No.:

Turn Around: 1 week
Results Needed: 3/17/11 am/pm

Client Sample Number/Description:	Date Taken	Time Taken	Matrix	Comp.	Grab	Preserv.	No. of Containers	VOCs-TO-15	Pressure-Start	Pressure-Stop	Time-Start	Time-Stop	Total Collection Time (hrs)	Remarks	Lab No.:
A01-513GRND-UL	3/11/11	10:25A	Air	✓			1	✓	30	7.8	1045 A	1625 A	23.7	Can # 168	001
A02-515GRND-GL	3/11/11	10:34A	Air	✓			1	✓	29.5	6.8	1105 A	1034 A	23.5	Can # 127	002
A03-515GRND-UL	3/11/11	10:45A	Air	✓			1	✓	29.8	4.2	1114 A	1045 A	23.5	Can # 133	003
A04-515GRND-BL	3/11/11	10:53A	Air	✓			1	✓	30	6.1	1125 A	1053 A	23.5	Can # 152	004
A05-505GRND-BL	3/11/11	11:06A	Air	✓			1	✓	30	7.1	1134 A	1106 A	23.4	Can # 057	005
A06-505GRND-UL	3/11/11	11:13A	Air	✓			1	✓	29	5.0	1153 A	1113 A	23.3	Can # 097	006

Relinquished by: (Signature) Date/Time: 3/11/11 2pm
Received by: (Signature) Date/Time: 3/14/11 1200
Relinquished by: (Signature) Date/Time:
Received by: (Signature) Date/Time:
Relinquished by: (Signature) Date/Time:
Received by: (Signature) Date/Time:

Comments:
Copy results to rnagam@otie.com.
Turnaround time - 1 week.

Preservation Code: A = None B = HNO_3 C = NaOH
D = H_2SO_4 E = HCl F = 5035/EnCore G = Other

Laboratory Work Order No.: 1103037

Received on Ice: Yes ☐ No ☒
Temperature: Ambient °C

STAT Analysis Corporation
2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

Report Date: March 18, 2011
Print Date: March 18, 2011

Client:	Oneida Total Integrated Enterprises	**Client Sample ID:**	A01-513GRND-UL
Lab Order:	11030307	**Tag Number:**	
Project:	2010101, Sandies Dry Cleaners, Little Chute, WI	**Collection Date:**	3/11/2011 10:25:00 AM
Lab ID:	11030307-001A	**Matrix:**	Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds in Air by GC/MS	**TO-15**			Prep Date: **3/16/2011**		Analyst: **VP**
1,1,1-Trichloroethane	ND	0.36		ppbv	1	3/16/2011
1,1,2,2-Tetrachloroethane	ND	0.36		ppbv	1	3/16/2011
1,1,2-Trichloroethane	ND	0.36		ppbv	1	3/16/2011
1,1-Dichloroethane	ND	0.36		ppbv	1	3/16/2011
1,1-Dichloroethene	ND	0.36		ppbv	1	3/16/2011
1,2,4-Trichlorobenzene	ND	0.36		ppbv	1	3/16/2011
1,2,4-Trimethylbenzene	0.62	0.36		ppbv	1	3/16/2011
1,2-Dibromoethane	ND	0.36		ppbv	1	3/16/2011
1,2-Dichlorobenzene	ND	0.36		ppbv	1	3/16/2011
1,2-Dichloroethane	ND	0.36		ppbv	1	3/16/2011
1,2-Dichloropropane	ND	0.36		ppbv	1	3/16/2011
1,3,5-Trimethylbenzene	ND	0.36		ppbv	1	3/16/2011
1,3-Butadiene	ND	0.36		ppbv	1	3/16/2011
1,3-Dichlorobenzene	ND	0.36		ppbv	1	3/16/2011
1,4-Dichlorobenzene	ND	0.36		ppbv	1	3/16/2011
1,4-Dioxane	ND	0.89		ppbv	1	3/16/2011
2-Butanone	ND	0.89		ppbv	1	3/16/2011
2-Hexanone	ND	1.8		ppbv	1	3/16/2011
4-Ethyltoluene	ND	0.36		ppbv	1	3/16/2011
4-Methyl-2-pentanone	ND	1.8		ppbv	1	3/16/2011
Acetone	7.1	3.6		ppbv	1	3/16/2011
Benzene	ND	0.36		ppbv	1	3/16/2011
Benzyl chloride	ND	0.89		ppbv	1	3/16/2011
Bromodichloromethane	ND	0.36		ppbv	1	3/16/2011
Bromoform	ND	0.89		ppbv	1	3/16/2011
Bromomethane	ND	0.89		ppbv	1	3/16/2011
Carbon disulfide	ND	0.36		ppbv	1	3/16/2011
Carbon tetrachloride	ND	0.36		ppbv	1	3/16/2011
Chlorobenzene	ND	0.36		ppbv	1	3/16/2011
Chloroethane	ND	0.36		ppbv	1	3/16/2011
Chloroform	ND	0.36		ppbv	1	3/16/2011
Chloromethane	ND	0.89		ppbv	1	3/16/2011
cis-1,2-Dichloroethene	ND	0.36		ppbv	1	3/16/2011
cis-1,3-Dichloropropene	ND	0.36		ppbv	1	3/16/2011
Cyclohexane	ND	0.36		ppbv	1	3/16/2011
Dibromochloromethane	ND	0.36		ppbv	1	3/16/2011
Dichlorodifluoromethane	0.59	0.36		ppbv	1	3/16/2011
Ethyl acetate	ND	0.36		ppbv	1	3/16/2011

3/18/11

Qualifiers:

- ND - Not Detected at the Reporting Limit
- J - Analyte detected below quantitation limits
- B - Analyte detected in the associated Method Blank
- HT - Sample received past holding time
- * - Non-accredited parameter
- RL - Reporting / Quantitation Limit for the analysis
- S - Spike Recovery outside accepted recovery limits
- R - RPD outside accepted recovery limits
- E - Value above quantitation range
- H - Holding time exceeded

STAT Analysis Corporation
2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

Report Date: March 18, 2011
Print Date: March 18, 2011

Client:	Oneida Total Integrated Enterprises	**Client Sample ID:**	A01-513GRND-UL
Lab Order:	11030307	**Tag Number:**	
Project:	2010101, Sandies Dry Cleaners, Little Chute, WI	**Collection Date:**	3/11/2011 10:25:00 AM
Lab ID:	11030307-001A	**Matrix:**	Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds in Air by GC/MS	**TO-15**			Prep Date: **3/16/2011**		Analyst: **VP**
Ethylbenzene	ND	0.36		ppbv	1	3/16/2011
Freon-113	ND	0.36		ppbv	1	3/16/2011
Freon-114	ND	1.8		ppbv	1	3/16/2011
Heptane	0.78	0.36		ppbv	1	3/16/2011
Hexachlorobutadiene	ND	0.36		ppbv	1	3/16/2011
Hexane	ND	0.89		ppbv	1	3/16/2011
Isopropyl Alcohol	ND	1.8		ppbv	1	3/16/2011
m,p-Xylene	0.91	0.71		ppbv	1	3/16/2011
Methyl tert-butyl ether	ND	0.36		ppbv	1	3/16/2011
Methylene chloride	ND	3.6		ppbv	1	3/16/2011
o-Xylene	ND	0.36		ppbv	1	3/16/2011
Propene	ND	3.6		ppbv	1	3/16/2011
Styrene	ND	0.36		ppbv	1	3/16/2011
Tetrachloroethene	31	0.36		ppbv	1	3/16/2011
Tetrahydrofuran	ND	0.89		ppbv	1	3/16/2011
Toluene	5.9	0.36		ppbv	1	3/16/2011
trans-1,2-Dichloroethene	ND	0.36		ppbv	1	3/16/2011
trans-1,3-Dichloropropene	ND	0.36		ppbv	1	3/16/2011
Trichloroethene	ND	0.36		ppbv	1	3/16/2011
Trichlorofluoromethane	ND	0.36		ppbv	1	3/16/2011
Vinyl acetate	ND	3.6		ppbv	1	3/16/2011
Vinyl chloride	ND	0.36		ppbv	1	3/16/2011
Xylenes, Total	1.2	1.1		ppbv	1	3/16/2011

3/18/11

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

STAT Analysis Corporation
2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

Report Date: March 18, 2011
Print Date: March 18, 2011

Client:	Oneida Total Integrated Enterprises	**Client Sample ID:**	A02-515GRND-GL
Lab Order:	11030307	**Tag Number:**	
Project:	2010101, Sandies Dry Cleaners, Little Chute, WI	**Collection Date:**	3/11/2011 10:34:00 AM
Lab ID:	11030307-002A	**Matrix:**	Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds in Air by GC/MS	**TO-15**			Prep Date: **3/16/2011**		Analyst: **VP**
1,1,1-Trichloroethane	ND	0.38		ppbv	1	3/16/2011
1,1,2,2-Tetrachloroethane	ND	0.38		ppbv	1	3/16/2011
1,1,2-Trichloroethane	ND	0.38		ppbv	1	3/16/2011
1,1-Dichloroethane	ND	0.38		ppbv	1	3/16/2011
1,1-Dichloroethene	ND	0.38		ppbv	1	3/16/2011
1,2,4-Trichlorobenzene	ND	0.38		ppbv	1	3/16/2011
1,2,4-Trimethylbenzene	ND	0.38		ppbv	1	3/16/2011
1,2-Dibromoethane	ND	0.38		ppbv	1	3/16/2011
1,2-Dichlorobenzene	ND	0.38		ppbv	1	3/16/2011
1,2-Dichloroethane	ND	0.38		ppbv	1	3/16/2011
1,2-Dichloropropane	ND	0.38		ppbv	1	3/16/2011
1,3,5-Trimethylbenzene	ND	0.38		ppbv	1	3/16/2011
1,3-Butadiene	ND	0.38		ppbv	1	3/16/2011
1,3-Dichlorobenzene	ND	0.38		ppbv	1	3/16/2011
1,4-Dichlorobenzene	0.67	0.38		ppbv	1	3/16/2011
1,4-Dioxane	ND	0.96		ppbv	1	3/16/2011
2-Butanone	ND	0.96		ppbv	1	3/16/2011
2-Hexanone	ND	1.9		ppbv	1	3/16/2011
4-Ethyltoluene	ND	0.38		ppbv	1	3/16/2011
4-Methyl-2-pentanone	ND	1.9		ppbv	1	3/16/2011
Acetone	20	3.8		ppbv	1	3/16/2011
Benzene	0.48	0.38		ppbv	1	3/16/2011
Benzyl chloride	ND	0.96		ppbv	1	3/16/2011
Bromodichloromethane	ND	0.38		ppbv	1	3/16/2011
Bromoform	ND	0.96		ppbv	1	3/16/2011
Bromomethane	ND	0.96		ppbv	1	3/16/2011
Carbon disulfide	ND	0.38		ppbv	1	3/16/2011
Carbon tetrachloride	ND	0.38		ppbv	1	3/16/2011
Chlorobenzene	ND	0.38		ppbv	1	3/16/2011
Chloroethane	ND	0.38		ppbv	1	3/16/2011
Chloroform	0.6	0.38		ppbv	1	3/16/2011
Chloromethane	1.1	0.96		ppbv	1	3/16/2011
cis-1,2-Dichloroethene	ND	0.38		ppbv	1	3/16/2011
cis-1,3-Dichloropropene	ND	0.38		ppbv	1	3/16/2011
Cyclohexane	ND	0.38		ppbv	1	3/16/2011
Dibromochloromethane	ND	0.38		ppbv	1	3/16/2011
Dichlorodifluoromethane	0.54	0.38		ppbv	1	3/16/2011
Ethyl acetate	2.4	0.38		ppbv	1	3/16/2011

QCD 5/18/11

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

STAT Analysis Corporation
2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

Report Date: March 18, 2011
Print Date: March 18, 2011

Client:	Oneida Total Integrated Enterprises	**Client Sample ID:**	A02-515GRND-GL
Lab Order:	11030307	**Tag Number:**	
Project:	2010101, Sandies Dry Cleaners, Little Chute, WI	**Collection Date:**	3/11/2011 10:34:00 AM
Lab ID:	11030307-002A	**Matrix:**	Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds in Air by GC/MS	**TO-15**			Prep Date: **3/16/2011**		Analyst: **VP**
Ethylbenzene	ND	0.38		ppbv	1	3/16/2011
Freon-113	ND	0.38		ppbv	1	3/16/2011
Freon-114	ND	1.9		ppbv	1	3/16/2011
Heptane	0.48	0.38		ppbv	1	3/16/2011
Hexachlorobutadiene	ND	0.38		ppbv	1	3/16/2011
Hexane	ND	0.96		ppbv	1	3/16/2011
Isopropyl Alcohol	31	1.9		ppbv	1	3/16/2011
m,p-Xylene	ND	0.77		ppbv	1	3/16/2011
Methyl tert-butyl ether	ND	0.38		ppbv	1	3/16/2011
Methylene chloride	ND	3.8		ppbv	1	3/16/2011
o-Xylene	ND	0.38		ppbv	1	3/16/2011
Propene	ND	3.8		ppbv	1	3/16/2011
Styrene	ND	0.38		ppbv	1	3/16/2011
Tetrachloroethene	3.6	0.38		ppbv	1	3/16/2011
Tetrahydrofuran	ND	0.96		ppbv	1	3/16/2011
Toluene	1.5	0.38		ppbv	1	3/16/2011
trans-1,2-Dichloroethene	ND	0.38		ppbv	1	3/16/2011
trans-1,3-Dichloropropene	ND	0.38		ppbv	1	3/16/2011
Trichloroethene	ND	0.38		ppbv	1	3/16/2011
Trichlorofluoromethane	0.44	0.38		ppbv	1	3/16/2011
Vinyl acetate	ND	3.8		ppbv	1	3/16/2011
Vinyl chloride	ND	0.38		ppbv	1	3/16/2011
Xylenes, Total	ND	1.2		ppbv	1	3/16/2011

aw 3/18/11

Qualifiers:

- ND - Not Detected at the Reporting Limit
- J - Analyte detected below quantitation limits
- B - Analyte detected in the associated Method Blank
- HT - Sample received past holding time
- * - Non-accredited parameter
- RL - Reporting / Quantitation Limit for the analysis
- S - Spike Recovery outside accepted recovery limits
- R - RPD outside accepted recovery limits
- E - Value above quantitation range
- H - Holding time exceeded

STAT Analysis Corporation
2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

Report Date: March 18, 2011
Print Date: March 18, 2011

Client:	Oneida Total Integrated Enterprises	**Client Sample ID:**	A03-515GRND-UL
Lab Order:	11030307	**Tag Number:**	
Project:	2010101, Sandies Dry Cleaners, Little Chute, WI	**Collection Date:**	3/11/2011 10:45:00 AM
Lab ID:	11030307-003A	**Matrix:**	Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds in Air by GC/MS	**TO-15**			Prep Date: **3/16/2011**		Analyst: **VP**
1,1,1-Trichloroethane	ND	0.35		ppbv	1	3/16/2011
1,1,2,2-Tetrachloroethane	ND	0.35		ppbv	1	3/16/2011
1,1,2-Trichloroethane	ND	0.35		ppbv	1	3/16/2011
1,1-Dichloroethane	ND	0.35		ppbv	1	3/16/2011
1,1-Dichloroethene	ND	0.35		ppbv	1	3/16/2011
1,2,4-Trichlorobenzene	ND	0.35		ppbv	1	3/16/2011
1,2,4-Trimethylbenzene	ND	0.35		ppbv	1	3/16/2011
1,2-Dibromoethane	ND	0.35		ppbv	1	3/16/2011
1,2-Dichlorobenzene	ND	0.35		ppbv	1	3/16/2011
1,2-Dichloroethane	ND	0.35		ppbv	1	3/16/2011
1,2-Dichloropropane	ND	0.35		ppbv	1	3/16/2011
1,3,5-Trimethylbenzene	ND	0.35		ppbv	1	3/16/2011
1,3-Butadiene	2.2	0.35		ppbv	1	3/16/2011
1,3-Dichlorobenzene	ND	0.35		ppbv	1	3/16/2011
1,4-Dichlorobenzene	0.59	0.35		ppbv	1	3/16/2011
1,4-Dioxane	ND	0.87		ppbv	1	3/16/2011
2-Butanone	2	0.87		ppbv	1	3/16/2011
2-Hexanone	ND	1.7		ppbv	1	3/16/2011
4-Ethyltoluene	ND	0.35		ppbv	1	3/16/2011
4-Methyl-2-pentanone	ND	1.7		ppbv	1	3/16/2011
Acetone	27	3.5		ppbv	1	3/16/2011
Benzene	1.7	0.35		ppbv	1	3/16/2011
Benzyl chloride	ND	0.87		ppbv	1	3/16/2011
Bromodichloromethane	ND	0.35		ppbv	1	3/16/2011
Bromoform	ND	0.87		ppbv	1	3/16/2011
Bromomethane	ND	0.87		ppbv	1	3/16/2011
Carbon disulfide	ND	0.35		ppbv	1	3/16/2011
Carbon tetrachloride	ND	0.35		ppbv	1	3/16/2011
Chlorobenzene	ND	0.35		ppbv	1	3/16/2011
Chloroethane	ND	0.35		ppbv	1	3/16/2011
Chloroform	0.73	0.35		ppbv	1	3/16/2011
Chloromethane	3.6	0.87		ppbv	1	3/16/2011
cis-1,2-Dichloroethene	ND	0.35		ppbv	1	3/16/2011
cis-1,3-Dichloropropene	ND	0.35		ppbv	1	3/16/2011
Cyclohexane	ND	0.35		ppbv	1	3/16/2011
Dibromochloromethane	ND	0.35		ppbv	1	3/16/2011
Dichlorodifluoromethane	0.52	0.35		ppbv	1	3/16/2011
Ethyl acetate	2.8	0.35		ppbv	1	3/16/2011

AP 3/18/11

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

STAT Analysis Corporation
2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

Report Date: March 18, 2011
Print Date: March 18, 2011

Client:	Oneida Total Integrated Enterprises	**Client Sample ID:**	A03-515GRND-UL
Lab Order:	11030307	**Tag Number:**	
Project:	2010101, Sandies Dry Cleaners, Little Chute, WI	**Collection Date:**	3/11/2011 10:45:00 AM
Lab ID:	11030307-003A	**Matrix:**	Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds in Air by GC/MS	**TO-15**			Prep Date: **3/16/2011**		Analyst: **VP**
Ethylbenzene	0.4	0.35		ppbv	1	3/16/2011
Freon-113	ND	0.35		ppbv	1	3/16/2011
Freon-114	ND	1.7		ppbv	1	3/16/2011
Heptane	0.82	0.35		ppbv	1	3/16/2011
Hexachlorobutadiene	ND	0.35		ppbv	1	3/16/2011
Hexane	ND	0.87		ppbv	1	3/16/2011
Isopropyl Alcohol	29	1.7		ppbv	1	3/16/2011
m,p-Xylene	1.2	0.69		ppbv	1	3/16/2011
Methyl tert-butyl ether	ND	0.35		ppbv	1	3/16/2011
Methylene chloride	ND	3.5		ppbv	1	3/16/2011
o-Xylene	ND	0.35		ppbv	1	3/16/2011
Propene	10	3.5		ppbv	1	3/16/2011
Styrene	0.49	0.35		ppbv	1	3/16/2011
Tetrachloroethene	3.9	0.35		ppbv	1	3/16/2011
Tetrahydrofuran	ND	0.87		ppbv	1	3/16/2011
Toluene	3.7	0.35		ppbv	1	3/16/2011
trans-1,2-Dichloroethene	ND	0.35		ppbv	1	3/16/2011
trans-1,3-Dichloropropene	ND	0.35		ppbv	1	3/16/2011
Trichloroethene	ND	0.35		ppbv	1	3/16/2011
Trichlorofluoromethane	0.5	0.35		ppbv	1	3/16/2011
Vinyl acetate	ND	3.5		ppbv	1	3/16/2011
Vinyl chloride	ND	0.35		ppbv	1	3/16/2011
Xylenes, Total	1.5	1		ppbv	1	3/16/2011

AZW 5/18/11

Qualifiers:

- ND - Not Detected at the Reporting Limit
- J - Analyte detected below quantitation limits
- B - Analyte detected in the associated Method Blank
- HT - Sample received past holding time
- * - Non-accredited parameter
- RL - Reporting / Quantitation Limit for the analysis
- S - Spike Recovery outside accepted recovery limits
- R - RPD outside accepted recovery limits
- E - Value above quantitation range
- H - Holding time exceeded

STAT Analysis Corporation
2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

Report Date: March 18, 2011
Print Date: March 18, 2011

Client:	Oneida Total Integrated Enterprises	**Client Sample ID:**	A04-515GRND-BL
Lab Order:	11030307	**Tag Number:**	
Project:	2010101, Sandies Dry Cleaners, Little Chute, WI	**Collection Date:**	3/11/2011 10:53:00 AM
Lab ID:	11030307-004A	**Matrix:**	Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds in Air by GC/MS	**TO-15**			Prep Date: **3/16/2011**		Analyst: **VP**
1,1,1-Trichloroethane	ND	0.35		ppbv	1	3/16/2011
1,1,2,2-Tetrachloroethane	ND	0.35		ppbv	1	3/16/2011
1,1,2-Trichloroethane	ND	0.35		ppbv	1	3/16/2011
1,1-Dichloroethane	ND	0.35		ppbv	1	3/16/2011
1,1-Dichloroethene	ND	0.35		ppbv	1	3/16/2011
1,2,4-Trichlorobenzene	ND	0.35		ppbv	1	3/16/2011
1,2,4-Trimethylbenzene	ND	0.35		ppbv	1	3/16/2011
1,2-Dibromoethane	ND	0.35		ppbv	1	3/16/2011
1,2-Dichlorobenzene	ND	0.35		ppbv	1	3/16/2011
1,2-Dichloroethane	ND	0.35		ppbv	1	3/16/2011
1,2-Dichloropropane	ND	0.35		ppbv	1	3/16/2011
1,3,5-Trimethylbenzene	ND	0.35		ppbv	1	3/16/2011
1,3-Butadiene	ND	0.35		ppbv	1	3/16/2011
1,3-Dichlorobenzene	ND	0.35		ppbv	1	3/16/2011
1,4-Dichlorobenzene	ND	0.35		ppbv	1	3/16/2011
1,4-Dioxane	ND	0.88		ppbv	1	3/16/2011
2-Butanone	ND	0.88		ppbv	1	3/16/2011
2-Hexanone	ND	1.8		ppbv	1	3/16/2011
4-Ethyltoluene	ND	0.35		ppbv	1	3/16/2011
4-Methyl-2-pentanone	ND	1.8		ppbv	1	3/16/2011
Acetone	4.3	3.5		ppbv	1	3/16/2011
Benzene	ND	0.35		ppbv	1	3/16/2011
Benzyl chloride	ND	0.88		ppbv	1	3/16/2011
Bromodichloromethane	ND	0.35		ppbv	1	3/16/2011
Bromoform	ND	0.88		ppbv	1	3/16/2011
Bromomethane	ND	0.88		ppbv	1	3/16/2011
Carbon disulfide	ND	0.35		ppbv	1	3/16/2011
Carbon tetrachloride	ND	0.35		ppbv	1	3/16/2011
Chlorobenzene	ND	0.35		ppbv	1	3/16/2011
Chloroethane	ND	0.35		ppbv	1	3/16/2011
Chloroform	ND	0.35		ppbv	1	3/16/2011
Chloromethane	ND	0.88		ppbv	1	3/16/2011
cis-1,2-Dichloroethene	ND	0.35		ppbv	1	3/16/2011
cis-1,3-Dichloropropene	ND	0.35		ppbv	1	3/16/2011
Cyclohexane	ND	0.35		ppbv	1	3/16/2011
Dibromochloromethane	ND	0.35		ppbv	1	3/16/2011
Dichlorodifluoromethane	0.54	0.35		ppbv	1	3/16/2011
Ethyl acetate	0.56	0.35		ppbv	1	3/16/2011

3/18/11

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

STAT Analysis Corporation
2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

Report Date: March 18, 2011
Print Date: March 18, 2011

Client:	Oneida Total Integrated Enterprises	**Client Sample ID:**	A04-515GRND-BL
Lab Order:	11030307	**Tag Number:**	
Project:	2010101, Sandies Dry Cleaners, Little Chute, WI	**Collection Date:**	3/11/2011 10:53:00 AM
Lab ID:	11030307-004A	**Matrix:**	Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds in Air by GC/MS	**TO-15**			Prep Date: **3/16/2011**		Analyst: **VP**
Ethylbenzene	ND	0.35		ppbv	1	3/16/2011
Freon-113	ND	0.35		ppbv	1	3/16/2011
Freon-114	ND	1.8		ppbv	1	3/16/2011
Heptane	ND	0.35		ppbv	1	3/16/2011
Hexachlorobutadiene	ND	0.35		ppbv	1	3/16/2011
Hexane	ND	0.88		ppbv	1	3/16/2011
Isopropyl Alcohol	ND	1.8		ppbv	1	3/16/2011
m,p-Xylene	ND	0.7		ppbv	1	3/16/2011
Methyl tert-butyl ether	ND	0.35		ppbv	1	3/16/2011
Methylene chloride	ND	3.5		ppbv	1	3/16/2011
o-Xylene	ND	0.35		ppbv	1	3/16/2011
Propene	ND	3.5		ppbv	1	3/16/2011
Styrene	ND	0.35		ppbv	1	3/16/2011
Tetrachloroethene	5	0.35		ppbv	1	3/16/2011
Tetrahydrofuran	ND	0.88		ppbv	1	3/16/2011
Toluene	1.2	0.35		ppbv	1	3/16/2011
trans-1,2-Dichloroethene	ND	0.35		ppbv	1	3/16/2011
trans-1,3-Dichloropropene	ND	0.35		ppbv	1	3/16/2011
Trichloroethene	ND	0.35		ppbv	1	3/16/2011
Trichlorofluoromethane	ND	0.35		ppbv	1	3/16/2011
Vinyl acetate	ND	3.5		ppbv	1	3/16/2011
Vinyl chloride	ND	0.35		ppbv	1	3/16/2011
Xylenes, Total	ND	1.1		ppbv	1	3/16/2011

CW 5/18/11

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

STAT Analysis Corporation
2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

Report Date: March 18, 2011
Print Date: March 18, 2011

Client:	Oneida Total Integrated Enterprises	**Client Sample ID:**	A05-505GRND-BL
Lab Order:	11030307	**Tag Number:**	
Project:	2010101, Sandies Dry Cleaners, Little Chute, WI	**Collection Date:**	3/11/2011 11:06:00 AM
Lab ID:	11030307-005A	**Matrix:**	Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds in Air by GC/MS	**TO-15**			Prep Date: **3/16/2011**		Analyst: **VP**
1,1,1-Trichloroethane	ND	0.38		ppbv	1	3/16/2011
1,1,2,2-Tetrachloroethane	ND	0.38		ppbv	1	3/16/2011
1,1,2-Trichloroethane	ND	0.38		ppbv	1	3/16/2011
1,1-Dichloroethane	ND	0.38		ppbv	1	3/16/2011
1,1-Dichloroethene	ND	0.38		ppbv	1	3/16/2011
1,2,4-Trichlorobenzene	ND	0.38		ppbv	1	3/16/2011
1,2,4-Trimethylbenzene	ND	0.38		ppbv	1	3/16/2011
1,2-Dibromoethane	ND	0.38		ppbv	1	3/16/2011
1,2-Dichlorobenzene	ND	0.38		ppbv	1	3/16/2011
1,2-Dichloroethane	ND	0.38		ppbv	1	3/16/2011
1,2-Dichloropropane	ND	0.38		ppbv	1	3/16/2011
1,3,5-Trimethylbenzene	ND	0.38		ppbv	1	3/16/2011
1,3-Butadiene	ND	0.38		ppbv	1	3/16/2011
1,3-Dichlorobenzene	ND	0.38		ppbv	1	3/16/2011
1,4-Dichlorobenzene	ND	0.38		ppbv	1	3/16/2011
1,4-Dioxane	ND	0.95		ppbv	1	3/16/2011
2-Butanone	ND	0.95		ppbv	1	3/16/2011
2-Hexanone	ND	1.9		ppbv	1	3/16/2011
4-Ethyltoluene	ND	0.38		ppbv	1	3/16/2011
4-Methyl-2-pentanone	ND	1.9		ppbv	1	3/16/2011
Acetone	ND	3.8		ppbv	1	3/16/2011
Benzene	0.44	0.38		ppbv	1	3/16/2011
Benzyl chloride	ND	0.95		ppbv	1	3/16/2011
Bromodichloromethane	ND	0.38		ppbv	1	3/16/2011
Bromoform	ND	0.95		ppbv	1	3/16/2011
Bromomethane	ND	0.95		ppbv	1	3/16/2011
Carbon disulfide	ND	0.38		ppbv	1	3/16/2011
Carbon tetrachloride	ND	0.38		ppbv	1	3/16/2011
Chlorobenzene	ND	0.38		ppbv	1	3/16/2011
Chloroethane	ND	0.38		ppbv	1	3/16/2011
Chloroform	ND	0.38		ppbv	1	3/16/2011
Chloromethane	ND	0.95		ppbv	1	3/16/2011
cis-1,2-Dichloroethene	ND	0.38		ppbv	1	3/16/2011
cis-1,3-Dichloropropene	ND	0.38		ppbv	1	3/16/2011
Cyclohexane	ND	0.38		ppbv	1	3/16/2011
Dibromochloromethane	ND	0.38		ppbv	1	3/16/2011
Dichlorodifluoromethane	0.89	0.38		ppbv	1	3/16/2011
Ethyl acetate	ND	0.38		ppbv	1	3/16/2011

AZW 3/18/11

Qualifiers:
- ND - Not Detected at the Reporting Limit
- J - Analyte detected below quantitation limits
- B - Analyte detected in the associated Method Blank
- HT - Sample received past holding time
- * - Non-accredited parameter
- RL - Reporting / Quantitation Limit for the analysis
- S - Spike Recovery outside accepted recovery limits
- R - RPD outside accepted recovery limits
- E - Value above quantitation range
- H - Holding time exceeded

STAT Analysis Corporation
2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

Report Date: March 18, 2011
Print Date: March 18, 2011

Client:	Oneida Total Integrated Enterprises	**Client Sample ID:**	A05-505GRND-BL
Lab Order:	11030307	**Tag Number:**	
Project:	2010101, Sandies Dry Cleaners, Little Chute, WI	**Collection Date:**	3/11/2011 11:06:00 AM
Lab ID:	11030307-005A	**Matrix:**	Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds in Air by GC/MS	**TO-15**			Prep Date: **3/16/2011**		Analyst: **VP**
Ethylbenzene	ND	0.38		ppbv	1	3/16/2011
Freon-113	ND	0.38		ppbv	1	3/16/2011
Freon-114	ND	1.9		ppbv	1	3/16/2011
Heptane	ND	0.38		ppbv	1	3/16/2011
Hexachlorobutadiene	ND	0.38		ppbv	1	3/16/2011
Hexane	ND	0.95		ppbv	1	3/16/2011
Isopropyl Alcohol	ND	1.9		ppbv	1	3/16/2011
m,p-Xylene	ND	0.76		ppbv	1	3/16/2011
Methyl tert-butyl ether	ND	0.38		ppbv	1	3/16/2011
Methylene chloride	ND	3.8		ppbv	1	3/16/2011
o-Xylene	ND	0.38		ppbv	1	3/16/2011
Propene	ND	3.8		ppbv	1	3/16/2011
Styrene	ND	0.38		ppbv	1	3/16/2011
Tetrachloroethene	0.78	0.38		ppbv	1	3/16/2011
Tetrahydrofuran	ND	0.95		ppbv	1	3/16/2011
Toluene	0.66	0.38		ppbv	1	3/16/2011
trans-1,2-Dichloroethene	ND	0.38		ppbv	1	3/16/2011
trans-1,3-Dichloropropene	ND	0.38		ppbv	1	3/16/2011
Trichloroethene	ND	0.38		ppbv	1	3/16/2011
Trichlorofluoromethane	1.3	0.38		ppbv	1	3/16/2011
Vinyl acetate	ND	3.8		ppbv	1	3/16/2011
Vinyl chloride	ND	0.38		ppbv	1	3/16/2011
Xylenes, Total	ND	1.1		ppbv	1	3/16/2011

CZW 5/18/11

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

STAT Analysis Corporation
2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

Report Date: March 18, 2011
Print Date: March 18, 2011

Client:	Oneida Total Integrated Enterprises	**Client Sample ID:**	A06-505GRND-UL
Lab Order:	11030307	**Tag Number:**	
Project:	2010101, Sandies Dry Cleaners, Little Chute, WI	**Collection Date:**	3/11/2011 11:13:00 AM
Lab ID:	11030307-006A	**Matrix:**	Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds in Air by GC/MS	**TO-15**			Prep Date: **3/16/2011**		Analyst: **VP**
1,1,1-Trichloroethane	ND	0.37		ppbv	1	3/16/2011
1,1,2,2-Tetrachloroethane	ND	0.37		ppbv	1	3/16/2011
1,1,2-Trichloroethane	ND	0.37		ppbv	1	3/16/2011
1,1-Dichloroethane	ND	0.37		ppbv	1	3/16/2011
1,1-Dichloroethene	ND	0.37		ppbv	1	3/16/2011
1,2,4-Trichlorobenzene	ND	0.37		ppbv	1	3/16/2011
1,2,4-Trimethylbenzene	ND	0.37		ppbv	1	3/16/2011
1,2-Dibromoethane	ND	0.37		ppbv	1	3/16/2011
1,2-Dichlorobenzene	ND	0.37		ppbv	1	3/16/2011
1,2-Dichloroethane	ND	0.37		ppbv	1	3/16/2011
1,2-Dichloropropane	ND	0.37		ppbv	1	3/16/2011
1,3,5-Trimethylbenzene	ND	0.37		ppbv	1	3/16/2011
1,3-Butadiene	ND	0.37		ppbv	1	3/16/2011
1,3-Dichlorobenzene	ND	0.37		ppbv	1	3/16/2011
1,4-Dichlorobenzene	ND	0.37		ppbv	1	3/16/2011
1,4-Dioxane	ND	0.92		ppbv	1	3/16/2011
2-Butanone	ND	0.92		ppbv	1	3/16/2011
2-Hexanone	ND	1.8		ppbv	1	3/16/2011
4-Ethyltoluene	ND	0.37		ppbv	1	3/16/2011
4-Methyl-2-pentanone	ND	1.8		ppbv	1	3/16/2011
Acetone	5.9	3.7		ppbv	1	3/16/2011
Benzene	0.49	0.37		ppbv	1	3/16/2011
Benzyl chloride	ND	0.92		ppbv	1	3/16/2011
Bromodichloromethane	ND	0.37		ppbv	1	3/16/2011
Bromoform	ND	0.92		ppbv	1	3/16/2011
Bromomethane	ND	0.92		ppbv	1	3/16/2011
Carbon disulfide	ND	0.37		ppbv	1	3/16/2011
Carbon tetrachloride	ND	0.37		ppbv	1	3/16/2011
Chlorobenzene	ND	0.37		ppbv	1	3/16/2011
Chloroethane	ND	0.37		ppbv	1	3/16/2011
Chloroform	ND	0.37		ppbv	1	3/16/2011
Chloromethane	0.93	0.92		ppbv	1	3/16/2011
cis-1,2-Dichloroethene	ND	0.37		ppbv	1	3/16/2011
cis-1,3-Dichloropropene	ND	0.37		ppbv	1	3/16/2011
Cyclohexane	ND	0.37		ppbv	1	3/16/2011
Dibromochloromethane	ND	0.37		ppbv	1	3/16/2011
Dichlorodifluoromethane	0.7	0.37		ppbv	1	3/16/2011
Ethyl acetate	ND	0.37		ppbv	1	3/16/2011

3/18/11

Qualifiers:
- ND - Not Detected at the Reporting Limit
- J - Analyte detected below quantitation limits
- B - Analyte detected in the associated Method Blank
- HT - Sample received past holding time
- * - Non-accredited parameter
- RL - Reporting / Quantitation Limit for the analysis
- S - Spike Recovery outside accepted recovery limits
- R - RPD outside accepted recovery limits
- E - Value above quantitation range
- H - Holding time exceeded

STAT Analysis Corporation
2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

Report Date: March 18, 2011
Print Date: March 18, 2011

Client:	Oneida Total Integrated Enterprises	**Client Sample ID:**	A06-505GRND-UL
Lab Order:	11030307	**Tag Number:**	
Project:	2010101, Sandies Dry Cleaners, Little Chute, WI	**Collection Date:**	3/11/2011 11:13:00 AM
Lab ID:	11030307-006A	**Matrix:**	Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds in Air by GC/MS	**TO-15**			Prep Date: **3/16/2011**		Analyst: **VP**
Ethylbenzene	ND	0.37		ppbv	1	3/16/2011
Freon-113	ND	0.37		ppbv	1	3/16/2011
Freon-114	ND	1.8		ppbv	1	3/16/2011
Heptane	ND	0.37		ppbv	1	3/16/2011
Hexachlorobutadiene	ND	0.37		ppbv	1	3/16/2011
Hexane	ND	0.92		ppbv	1	3/16/2011
Isopropyl Alcohol	ND	1.8		ppbv	1	3/16/2011
m,p-Xylene	ND	0.73		ppbv	1	3/16/2011
Methyl tert-butyl ether	ND	0.37		ppbv	1	3/16/2011
Methylene chloride	ND	3.7		ppbv	1	3/16/2011
o-Xylene	ND	0.37		ppbv	1	3/16/2011
Propene	ND	3.7		ppbv	1	3/16/2011
Styrene	ND	0.37		ppbv	1	3/16/2011
Tetrachloroethene	ND	0.37		ppbv	1	3/16/2011
Tetrahydrofuran	ND	0.92		ppbv	1	3/16/2011
Toluene	0.71	0.37		ppbv	1	3/16/2011
trans-1,2-Dichloroethene	ND	0.37		ppbv	1	3/16/2011
trans-1,3-Dichloropropene	ND	0.37		ppbv	1	3/16/2011
Trichloroethene	ND	0.37		ppbv	1	3/16/2011
Trichlorofluoromethane	0.81	0.37		ppbv	1	3/16/2011
Vinyl acetate	ND	3.7		ppbv	1	3/16/2011
Vinyl chloride	ND	0.37		ppbv	1	3/16/2011
Xylenes, Total	ND	1.1		ppbv	1	3/16/2011

Qualifiers:

- ND - Not Detected at the Reporting Limit
- J - Analyte detected below quantitation limits
- B - Analyte detected in the associated Method Blank
- HT - Sample received past holding time
- * - Non-accredited parameter
- RL - Reporting / Quantitation Limit for the analysis
- S - Spike Recovery outside accepted recovery limits
- R - RPD outside accepted recovery limits
- E - Value above quantitation range
- H - Holding time exceeded

Microbac®

Samples Submitted to:
[ ] 250 West 84th Drive, Merrillville, IN 46410, Tel: 219-769-8378, Fax: 219-769-1664
[ ] 5713 West 85th Street, Indianapolis, IN 46278, Tel: 317-872-1375, Fax: 317-872-1379

Chain of Custody Record

Use this COC for Air Analysis only

Number A 0773

Instructions on back

11D0820 Kevin Halvey
Oneida Total Integrated Enterprises
Little Chute WI

Client Name OTIE	**Project** Seadies Dry Cleaner	**Turnaround Time**	**Report Type**
Address 1033 N. Mayfair Rd Suite 200	**Location** Little Chute, WI	[ ] Routine (7 working days)	[ ] Results Only [ ] Level II
City, State, Zip Milwaukee WI 53226	**PO #**	[✓] RUSH* (notify lab)	[✓] Level III [ ] Level III CLP-like
Contact Andrew Plier	Compliance Monitoring? [ ] Yes(1) [ ] No	5 working days (needed by)	[ ] Level IV [ ] Level IV CLP-like
Telephone # 414-303-6825	(1)Agency/Program EPA		[ ] EDD

Sampled by (PRINT) Andrew Plier **Sampler Signature** [signature] **Sampler Phone #** 414-303-6825

Send Report via [ ] Mail [ ] Telephone [ ] Fax (fax #) [✓] e-mail (address) aplier@otie.com

* **Matrix Types:** (A) - Air
** **Preservative Types:** NA

Client Sample ID	Matrix*	Grab	Composite	Date Collected	Start Time	End Time	Summa ID	Vacuum (initial)	Vacuum (final)	VOC TO-15				For Lab Use Only
SDC-SG-01	A		X	4/20	1130 4/19	1010 4/20	Can # 40 Serial 2993	-30	-5.9	✓				11D0820 01
SDC-SG-02	A		X	4/20	1155 4/19	1026 4/20	Can # 103 Serial 2999	-30	-5.0	✓				02

Possible Hazard Identification [ ] Hazardous [✓] Non-Hazardous [ ] Radioactive [ ] Dispose as appropriate [ ] Return [ ] Archive

Comments	Relinquished By (signature)	Date/Time	Received By (signature)	Date/Time
Copy results to rnagam@otie.com Turnaround time - 5 Working days.	[signature]	4/20 1345		
	Relinquished By (signature)	Date/Time	Received By (signature)	Date/Time
	Relinquished By (signature)	Date/Time	Received for Lab By (signature) [signature]	Date/Time 4/21/11 0940

Sample temperature upon receipt in degrees C =

rev. 11/04/04

ORGANIC ANALYSIS DATA SHEET
EPA TO15

SDC-SG-01

Laboratory:	Microbac Laboratories, Inc. - Chicagoland			SDG:	11D0820
Client:	Oneida Total Integrated Enterprises			Project:	Little Chute WI
Matrix:	Air	Laboratory ID:	11D0820-01	File ID:	J042609.D
Sampled:	04/20/11 10:10	Prepared:	04/26/11 16:41	Analyzed:	04/26/11 21:49
Solids:		Preparation:	TO15_PR	Initial/Final:	501 ml / 501 ml
Batch:	B013998	Sequence:	S005062	Calibration:	0000042
Instrument:	TO15-2				

CAS NO.	COMPOUND	DILUTION	CONC. (ppbv)	Q
71-55-6	1,1,1-Trichloroethane	1	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	1	0.50	U
79-00-5	1,1,2-Trichloroethane	1	0.50	U
75-34-3	1,1-Dichloroethane	1	0.50	U
75-35-4	1,1-Dichloroethene	1	0.50	U
120-82-1	1,2,4-Trichlorobenzene	1	2.0	U
95-63-6	1,2,4-Trimethylbenzene	1	0.50	U
106-93-4	1,2-Dibromoethane	1	0.50	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
107-06-2	1,2-Dichloroethane	1	0.50	U
78-87-5	1,2-Dichloropropane	1	0.50	U
76-14-1	1,2-Dichlorotetrafluoroethane	1	0.50	U
108-67-8	1,3,5-Trimethylbenzene	1	0.50	U
106-99-0	1,3-Butadiene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.50	U
106-46-7	1,4-Dichlorobenzene	1	0.50	U
123-91-1	1,4-Dioxane	1	2.0	U
78-93-3	2-Butanone	1	2.0	U
591-78-6	2-Hexanone	1	2.0	U
67-63-0	2-Propanol	1	2.0	U
622-98-8	4-Ethyltoluene	1	0.50	U
108-10-1	4-Methyl-2-Pentanone	1	0.50	U
67-64-1	Acetone	1	4.3	
107-02-8	Acrolein	1	0.78	
71-43-2	Benzene	1	0.50	U
100-44-7	Benzyl chloride	1	0.50	U
75-27-4	Bromodichloromethane	1	0.50	U
75-25-2	Bromoform	1	0.50	U
74-83-9	Bromomethane	1	0.50	U
75-15-0	Carbon disulfide	1	1.0	U
56-23-5	Carbon tetrachloride	1	0.50	U
108-90-7	Chlorobenzene	1	0.50	U
75-00-3	Chloroethane	1	0.50	U
67-66-3	Chloroform	1	0.50	U
74-87-3	Chloromethane	1	2.0	U
156-59-2	cis-1,2-Dichloroethene	1	0.50	U
10061-01-5	cis-1,3-Dichloropropene	1	0.50	U
110-82-7	Cyclohexane	1	0.50	U
124-48-1	Dibromochloromethane	1	0.50	U

AZD 5/19/11

ORGANIC ANALYSIS DATA SHEET
EPA TO15

SDC-SG-01

Laboratory:	Microbac Laboratories, Inc. - Chicagoland			SDG:	11D0820
Client:	Oneida Total Integrated Enterprises			Project:	Little Chute WI
Matrix:	Air	Laboratory ID:	11D0820-01	File ID:	J042609.D
Sampled:	04/20/11 10:10	Prepared:	04/26/11 16:41	Analyzed:	04/26/11 21:49
Solids:		Preparation:	TO15_PR	Initial/Final:	501 ml / 501 ml
Batch:	B013998	Sequence:	S005062	Calibration:	0000042
Instrument:	TO15-2				

CAS NO.	COMPOUND	DILUTION	CONC. (ppbv)	Q
75-71-8	Dichlorodifluoromethane	1	0.50	U
141-78-6	Ethyl acetate	1	1.9	
100-41-4	Ethylbenzene	1	0.50	U
142-82-5	Heptane	1	0.50	U
87-68-3	Hexachlorobutadiene	1	2.0	U
110-54-3	Hexane	1	1.6	
179601-23-1	m,p-Xylene	1	1.0	U
80-62-6	Methyl Methacrylate	1	0.50	U
75-09-2	Methylene chloride	1	4.0	U
1634-04-4	Methyl-t-butyl ether	1	0.50	U
95-47-6	o-Xylene	1	0.50	U
115-07-1	Propylene	1	1.0	U
100-42-5	Styrene	1	0.50	U
127-18-4	Tetrachloroethene	1	3.5	
109-99-9	Tetrahydrofuran	1	0.50	U
108-88-3	Toluene	1	1.2	
156-60-5	trans-1,2-Dichloroethene	1	0.50	U
10061-02-6	trans-1,3-Dichloropropene	1	0.50	U
79-01-6	Trichloroethene	1	0.50	U
75-69-4	Trichlorofluoromethane	1	0.50	U
108-05-4	Vinyl acetate	1	2.0	U
75-01-4	Vinyl chloride	1	0.50	U

* Values outside of QC limits

5/19/11

ORGANIC ANALYSIS DATA SHEET
EPA TO15

SDC-SG-02

Laboratory:	Microbac Laboratories, Inc. - Chicagoland			SDG:	11D0820
Client:	Oneida Total Integrated Enterprises			Project:	Little Chute WI
Matrix:	Air	Laboratory ID:	11D0820-02	File ID:	J042612.D
Sampled:	04/20/11 10:26	Prepared:	04/26/11 16:41	Analyzed:	04/26/11 23:35
Solids:		Preparation:	TO15_PR	Initial/Final:	101 ml / 101 ml
Batch:	B013998	Sequence:	S005062	Calibration:	0000042
Instrument:	TO15-2				

CAS NO.	COMPOUND	DILUTION	CONC. (ppbv)	Q
71-55-6	1,1,1-Trichloroethane	14.9	7.4	U
79-34-5	1,1,2,2-Tetrachloroethane	14.9	7.4	U
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	14.9	7.4	U
79-00-5	1,1,2-Trichloroethane	14.9	7.4	U
75-34-3	1,1-Dichloroethane	14.9	7.4	U
75-35-4	1,1-Dichloroethene	14.9	7.4	U
120-82-1	1,2,4-Trichlorobenzene	14.9	30	U
95-63-6	1,2,4-Trimethylbenzene	14.9	7.4	U
106-93-4	1,2-Dibromoethane	14.9	7.4	U
95-50-1	1,2-Dichlorobenzene	14.9	7.4	U
107-06-2	1,2-Dichloroethane	14.9	7.4	U
78-87-5	1,2-Dichloropropane	14.9	7.4	U
76-14-1	1,2-Dichlorotetrafluoroethane	14.9	7.4	U
108-67-8	1,3,5-Trimethylbenzene	14.9	7.4	U
106-99-0	1,3-Butadiene	14.9	7.4	U
541-73-1	1,3-Dichlorobenzene	14.9	7.4	U
106-46-7	1,4-Dichlorobenzene	14.9	7.4	U
123-91-1	1,4-Dioxane	14.9	30	U
78-93-3	2-Butanone	14.9	30	U
591-78-6	2-Hexanone	14.9	30	U
67-63-0	2-Propanol	14.9	30	U
622-98-8	4-Ethyltoluene	14.9	7.4	U
108-10-1	4-Methyl-2-Pentanone	14.9	7.4	U
67-64-1	Acetone	14.9	30	U
107-02-8	Acrolein	14.9	7.4	U
71-43-2	Benzene	14.9	7.4	U
100-44-7	Benzyl chloride	14.9	7.4	U
75-27-4	Bromodichloromethane	14.9	7.4	U
75-25-2	Bromoform	14.9	7.4	U
74-83-9	Bromomethane	14.9	7.4	U
75-15-0	Carbon disulfide	14.9	15	U
56-23-5	Carbon tetrachloride	14.9	7.4	U
108-90-7	Chlorobenzene	14.9	7.4	U
75-00-3	Chloroethane	14.9	7.4	U
67-66-3	Chloroform	14.9	7.4	U
74-87-3	Chloromethane	14.9	30	U
156-59-2	cis-1,2-Dichloroethene	14.9	7.4	U
10061-01-5	cis-1,3-Dichloropropene	14.9	7.4	U
110-82-7	Cyclohexane	14.9	7.4	U
124-48-1	Dibromochloromethane	14.9	7.4	U

5/9/11

ORGANIC ANALYSIS DATA SHEET
EPA TO15

SDC-SG-02

Laboratory:	Microbac Laboratories, Inc. - Chicagoland			SDG:	11D0820
Client:	Oneida Total Integrated Enterprises			Project:	Little Chute WI
Matrix:	Air	Laboratory ID:	11D0820-02	File ID:	J042612.D
Sampled:	04/20/11 10:26	Prepared:	04/26/11 16:41	Analyzed:	04/26/11 23:35
Solids:		Preparation:	TO15_PR	Initial/Final:	101 ml / 101 ml
Batch:	B013998	Sequence:	S005062	Calibration:	0000042
Instrument:	TO15-2				

CAS NO.	COMPOUND	DILUTION	CONC. (ppbv)	Q
75-71-8	Dichlorodifluoromethane	14.9	7.4	U
141-78-6	Ethyl acetate	14.9	7.4	U
100-41-4	Ethylbenzene	14.9	7.4	U
142-82-5	Heptane	14.9	7.4	U
87-68-3	Hexachlorobutadiene	14.9	30	U
110-54-3	Hexane	14.9	7.4	U
179601-23-1	m,p-Xylene	14.9	15	U
80-62-6	Methyl Methacrylate	14.9	7.4	U
75-09-2	Methylene chloride	14.9	59	U
1634-04-4	Methyl-t-butyl ether	14.9	7.4	U
95-47-6	o-Xylene	14.9	7.4	U
115-07-1	Propylene	14.9	15	U
100-42-5	Styrene	14.9	7.4	U
109-99-9	Tetrahydrofuran	14.9	7.4	U
108-88-3	Toluene	14.9	7.4	U
156-60-5	trans-1,2-Dichloroethene	14.9	7.4	U
10061-02-6	trans-1,3-Dichloropropene	14.9	7.4	U
79-01-6	Trichloroethene	14.9	24	D
75-69-4	Trichlorofluoromethane	14.9	7.4	U
108-05-4	Vinyl acetate	14.9	30	U
75-01-4	Vinyl chloride	14.9	7.4	U

* Values outside of QC limits

5/19/11

ORGANIC ANALYSIS DATA SHEET
EPA TO15

SDC-SG-02

Laboratory:	Microbac Laboratories, Inc. - Chicagoland		SDG:	11D0820	
Client:	Oneida Total Integrated Enterprises		Project:	Little Chute WI	
Matrix:	Air	Laboratory ID:	11D0820-02RE1	File ID:	H042616.D
Sampled:	04/20/11 10:26	Prepared:	04/26/11 15:38	Analyzed:	04/27/11 17:34
Solids:		Preparation:	TO15_PR	Initial/Final:	1 ml / 1 ml
Batch:	B014064	Sequence:	S005084	Calibration:	0000043
Instrument:	TO15-1				

CAS NO.	COMPOUND	DILUTION	CONC. (ppbv)	Q
127-18-4	Tetrachloroethene	3000	22000	D

* Values outside of QC limits

AW 5/19/11

Microbac

Samples Submitted to:
[X] 250 West 84th Drive, Merrillville, IN 46410, Tel: 219-769-8378, Fax: 219-769-1664
[ ] 5713 West 85th Street, Indianapolis, IN 46278, Tel: 317-872-1375, Fax: 317-872-1379

Chain of Custody Record

RUSH

Number 102362

Instructions on back

11D0311 Kevin Falvey
Oneida Total Integrated Enterprises
Little Chute WI

Client Name	OTIE	Project	Sandies Dynamite
Address	100 W MONROE ST #300	Location	Little Chute, WI
City, State, Zip	CHICAGO, IL, 60603	PO #	
Contact	Naren Babu	Compliance Monitoring? [ ] Yes(1) [ ] No	
Telephone #	312-656-7685	(1)Agency/Program	
Sampled by (PRINT)	Naren Babu / Andy Plies	Sampler Signature	Sampler Phone # 312-656-7685 / 414-303-6825
Send Report via	[ ] Mail [ ] Telephone [ ] Fax (fax #) e-mail	[ ] e-mail (address)	NBABU@OTIE.COM, APLIER@OTIE.COM

Turnaround Time
[ ] Routine (7 working days)
[X] RUSH* (notify lab) 1-day
(needed by)

Report Type
[ ] Results Only [ ] Level II
[ ] Level III [ ] Level III CLP-like
[ ] Level IV [ ] Level IV CLP-like
[ ] EDD

* Matrix Types: Soil/Solid (S), Sludge, Oil, Wipe, Drinking Water (DW), Groundwater (GW), Surface Water (SW), Waste Water (WW), Other (specify)
** Preservative Types: (1) HNO3, (2) H2SO4, (3) HCl, (4) NaOH, (5) Zinc Acetate, (6) Methanol, (7) Sodium Bisulfate, (8) Sodium Thiosulfate, (9) Hexane, (U) Unpreserved

04/07/2011

Client Sample ID	Matrix*	Grab	Composite	Filtered	Date Collected	Time Collected	No. of Containers	Requested Analyses → Preservative Types **	VOCs	% Moisture	For Lab Use Only
SDC-GP-1-3'	S	X			4/6/11	11:30	4	5035 Kit	X		11D0311
SDC-GP-2-2'						12:00					01
SDC-GP-3-2.5'						1330					02
SDC-GP-4-4'						1345					03
SDC-GP-5-3.5'						1500					04
SDC-GP-5-3.5' MS						1500					05
SDC-GP-5-3.5' MSD						1500					06
SDC-GP-6-14'						1600					05
SDC-GP-7-1.5'						1730					06 Medium 14ppm PID
SDC-GP-8-1'-D						1800					07
SDC-GP-8-1'						1800					08 High to Med — 25p PID
											09 11

Possible Hazard Identification [ ] Hazardous [ ] Non-Hazardous [ ] Radioactive
Sample Disposition [ ] Dispose as appropriate [ ] Return [ ] Archive

Comments

Sample temperature upon receipt in degrees C =

Relinquished By (signature)	Date/Time	Received By (signature)	Date/Time
Naren Babu	4/7/11		
Relinquished By (signature)	Date/Time	Received By (signature)	Date/Time
Relinquished By (signature)	Date/Time	Received for Lab By (signature)	Date/Time
			4/7/11 1615

rev. 11/04/04

Microbac®

Samples Submitted to:
[ ] 250 West 84th Drive, Merrillville, IN 46410, Tel: 219-769-8378, Fax: 219-769-1664
[ ] 5713 West 85th Street, Indianapolis, IN 46278, Tel: 317-872-1375, Fax: 317-872-1379

Chain of Custody Record

Number 102363

Instructions on back

Client Name OTIE	**Project** Sandies Dryclearers	**Turnaround Time** RUSH	**Report Type**
Address 100 W Monroe St #300	**Location** Little Chute, WI	[ ] Routine (7 working days)	[ ] Results Only [ ] Level II
City, State, Zip Chicago, IL 60603	**PO #**	[ ] RUSH* (notify lab)	[ ] Level III [ ] Level III CLP-like
Contact Naren Babu	Compliance Monitoring? [ ] Yes(1) [ ] No	_____ (needed by)	[ ] Level IV [ ] Level IV CLP-like
Telephone # 312-656-7685	(1)Agency/Program		[ ] EDD

Sampled by (PRINT) Naren Babu **Sampler Signature** _____ **Sampler Phone #** _____

Send Report via [ ] Mail [ ] Telephone [ ] Fax (fax #) e-mail: NBABU@OTIE.com / APLIER@OTIE.com [ ] e-mail (address)

* **Matrix Types:** Soil/Solid (S), Sludge, Oil, Wipe, Drinking Water (DW), Groundwater (GW), Surface Water (SW), Waste Water (WW), Other (specify)

** **Preservative Types:** (1) HNO3, (2) H2SO4, (3) HCl, (4) NaOH, (5) Zinc Acetate, (6) Methanol, (7) Sodium Bisulfate, (8) Sodium Thiosulfate, (9) Hexane, (U) Unpreserved

Client Sample ID	Matrix*	Grab	Composite	Filtered	Date Collected	Time Collected	No. of Containers	Requested Analyses → Preservative Types **	VOCs	Y. Methane	For Lab Use Only 110311
SDC-GW-2	GW	X			4/7/11	0800	3	~~HCl~~	X		low 10
SDC-GW-8	GW	X				0900	3	HCl	X		High to Med 11
SDC-GP-9-5'	S	X				0745	4	5035 Kit	X	X	12
SDC-GP-10-1'	S	↓				0845	↓	↓	↓	↓	13
SDC-GP-11-2'	S	↓				0920	↓	↓	↓	↓	14
SDC-GP-12-0.5'	S	↓			↓	0945	↓	↓	↓	↓	Medium 15

Possible Hazard Identification [ ] Hazardous [ ] Non-Hazardous [ ] Radioactive **Sample Disposition** [ ] Dispose as appropriate [ ] Return [ ] Archive

Comments

Filter G.water samples before analyzing.

Sample temperature upon receipt in degrees C =

Relinquished By (signature)	Date/Time	Received By (signature)	Date/Time
Naren Babu	4/7/11		
Relinquished By (signature)	Date/Time	Received By (signature)	Date/Time
Relinquished By (signature)	Date/Time	Received for Lab By (signature)	Date/Time
		[signature]	4/7/11 1615

rev. 11/04/04

INORGANIC ANALYSIS DATA SHEET

SM2540B Rev 18

SDC-GP-1-3'

Laboratory: Microbac Laboratories, Inc. - Chicagoland SDG: 11D0311

Client: Oneida Total Integrated Enterprises Project: Little Chute WI

Matrix: Solid Laboratory ID: 11D0311-01 File ID: 040711 - PSOLID_2540Bei-1-

Sampled: 04/06/11 11:30 Prepared: 04/07/11 19:06 Analyzed: 04/07/11 19:14

Solids: 81.46 Preparation: PSOLID_2540B_PR Initial/Final: 1 g / 1 ml

Batch: B013279 Sequence: Calibration: Instrument: Bal-10

CAS NO.	Analyte	Concentration (wt%)	Dilution Factor	Q	Method
E-10151	Percent Solids	81	1		SM2540B Rev 18

azw 5/20/11

INORGANIC ANALYSIS DATA SHEET

SM2540B Rev 18

SDC-GP-2-2'

Laboratory: Microbac Laboratories, Inc. - Chicagoland
SDG: 11D0311
Client: Oneida Total Integrated Enterprises
Project: Little Chute WI
Matrix: Solid
Laboratory ID: 11D0311-02
File ID: 040711 - PSOLID_2540Bei-1-
Sampled: 04/06/11 12:00
Prepared: 04/07/11 19:06
Analyzed: 04/07/11 19:14
Solids: 80.62
Preparation: PSOLID_2540B_PR
Initial/Final: 1 g / 1 ml
Batch: B013279
Sequence:
Calibration:
Instrument: Bal-10

CAS NO.	Analyte	Concentration (wt%)	Dilution Factor	Q	Method
E-10151	Percent Solids	81	1		SM2540B Rev 18

AZW 5/20/11

INORGANIC ANALYSIS DATA SHEET

SM2540B Rev 18

SDC-GP-3-2.5'

Laboratory: Microbac Laboratories, Inc. - Chicagoland
SDG: 11D0311
Client: Oneida Total Integrated Enterprises
Project: Little Chute WI
Matrix: Solid
Laboratory ID: 11D0311-03
File ID: 040711 - PSOLID_2540Bei-1-
Sampled: 04/06/11 13:30
Prepared: 04/07/11 19:06
Analyzed: 04/07/11 19:14
Solids: 80.98
Preparation: PSOLID_2540B_PR
Initial/Final: 1 g / 1 ml
Batch: B013279
Sequence:
Calibration:
Instrument: Bal-10

CAS NO.	Analyte	Concentration (wt%)	Dilution Factor	Q	Method
E-10151	Percent Solids	81	1		SM2540B Rev 18

ae 5/5/11

INORGANIC ANALYSIS DATA SHEET

SM2540B Rev 18

SDC-GP-4-4'

Laboratory: Microbac Laboratories, Inc. - Chicagoland SDG: 11D0311

Client: Oneida Total Integrated Enterprises Project: Little Chute WI

Matrix: Solid Laboratory ID: 11D0311-04 File ID: 040711 - PSOLID_2540Bei-1-

Sampled: 04/06/11 13:45 Prepared: 04/07/11 19:06 Analyzed: 04/07/11 19:14

Solids: 83.83 Preparation: PSOLID_2540B_PR Initial/Final: 1 g / 1 ml

Batch: B013279 Sequence: Calibration: Instrument: Bal-10

CAS NO.	Analyte	Concentration (wt%)	Dilution Factor	Q	Method
E-10151	Percent Solids	84	1		SM2540B Rev 18

4/20 5/20/11

INORGANIC ANALYSIS DATA SHEET

SM2540B Rev 18

SDC-GP-5-3.5'

Laboratory: Microbac Laboratories, Inc. - Chicagoland
SDG: 11D0311
Client: Oneida Total Integrated Enterprises
Project: Little Chute WI
Matrix: Solid
Laboratory ID: 11D0311-05
File ID: 040711 - PSOLID_2540Bei-1-
Sampled: 04/06/11 15:00
Prepared: 04/07/11 19:06
Analyzed: 04/07/11 19:14
Solids: 87.28
Preparation: PSOLID_2540B_PR
Initial/Final: 1 g / 1 ml
Batch: B013279
Sequence:
Calibration:
Instrument: Bal-10

CAS NO.	Analyte	Concentration (wt%)	Dilution Factor	Q	Method
E-10151	Percent Solids	87	1		SM2540B Rev 18

AW 5/20/11

INORGANIC ANALYSIS DATA SHEET

SM2540B Rev 18

SDC-GP-6-14'

Laboratory: Microbac Laboratories, Inc. - Chicagoland SDG: 11D0311

Client: Oneida Total Integrated Enterprises Project: Little Chute WI

Matrix: Solid Laboratory ID: 11D0311-06 File ID: 040711 - PSOLID_2540Bei-1-

Sampled: 04/06/11 16:00 Prepared: 04/07/11 19:06 Analyzed: 04/07/11 19:14

Solids: 80.96 Preparation: PSOLID_2540B_PR Initial/Final: 1 g / 1 ml

Batch: B013279 Sequence: Calibration: Instrument: Bal-10

CAS NO.	Analyte	Concentration (wt%)	Dilution Factor	Q	Method
E-10151	Percent Solids	81	1		SM2540B Rev 18

INORGANIC ANALYSIS DATA SHEET

SM2540B Rev 18

SDC-GP-7-1.5'

Laboratory: Microbac Laboratories, Inc. - Chicagoland SDG: 11D0311

Client: Oneida Total Integrated Enterprises Project: Little Chute WI

Matrix: Solid Laboratory ID: 11D0311-07 File ID: 040711 - PSOLID_2540Bei-1-

Sampled: 04/06/11 17:30 Prepared: 04/07/11 19:06 Analyzed: 04/07/11 19:14

Solids: 83.07 Preparation: PSOLID_2540B_PR Initial/Final: 1 g / 1 ml

Batch: B013279 Sequence: Calibration: Instrument: Bal-10

CAS NO.	Analyte	Concentration (wt%)	Dilution Factor	Q	Method
E-10151	Percent Solids	83	1		SM2540B Rev 18

AZD 5/20/11

INORGANIC ANALYSIS DATA SHEET

SM2540B Rev 18

SDC-GP-8-1'-D

Laboratory: Microbac Laboratories, Inc. - Chicagoland SDG: 11D0311

Client: Oneida Total Integrated Enterprises Project: Little Chute WI

Matrix: Solid Laboratory ID: 11D0311-08 File ID: 040711 - PSOLID_2540Bei-1-

Sampled: 04/06/11 18:00 Prepared: 04/07/11 19:06 Analyzed: 04/07/11 19:14

Solids: 82.91 Preparation: PSOLID_2540B_PR Initial/Final: 1 g / 1 ml

Batch: B013279 Sequence: Calibration: Instrument: Bal-10

CAS NO.	Analyte	Concentration (wt%)	Dilution Factor	Q	Method
E-10151	Percent Solids	83	1		SM2540B Rev 18

5/20/11

INORGANIC ANALYSIS DATA SHEET

SM2540B Rev 18

SDC-GP-8-1'

Laboratory: Microbac Laboratories, Inc. - Chicagoland SDG: 11D0311

Client: Oneida Total Integrated Enterprises Project: Little Chute WI

Matrix: Solid Laboratory ID: 11D0311-09 File ID: 040711 - PSOLID_2540Bei-1-

Sampled: 04/06/11 18:00 Prepared: 04/07/11 19:06 Analyzed: 04/07/11 19:14

Solids: 82.91 Preparation: PSOLID_2540B_PR Initial/Final: 1 g / 1 ml

Batch: B013279 Sequence: Calibration: Instrument: Bal-10

CAS NO.	Analyte	Concentration (wt%)	Dilution Factor	Q	Method
E-10151	Percent Solids	83	1		SM2540B Rev 18

AJD 5/20/11

INORGANIC ANALYSIS DATA SHEET

SM2540B Rev 18

SDC-GP-9-5'

Laboratory: Microbac Laboratories, Inc. - Chicagoland
SDG: 11D0311
Client: Oneida Total Integrated Enterprises
Project: Little Chute WI
Matrix: Solid
Laboratory ID: 11D0311-12
File ID: 040711 - PSOLID_2540Bei-1-
Sampled: 04/07/11 07:45
Prepared: 04/07/11 19:06
Analyzed: 04/07/11 19:14
Solids: 83.39
Preparation: PSOLID_2540B_PR
Initial/Final: 1 g / 1 ml
Batch: B013279
Sequence:
Calibration:
Instrument: Bal-10

CAS NO.	Analyte	Concentration (wt%)	Dilution Factor	Q	Method
E-10151	Percent Solids	83	1		SM2540B Rev 18

INORGANIC ANALYSIS DATA SHEET

SM2540B Rev 18

SDC-GP-10-1'

Laboratory: Microbac Laboratories, Inc. - Chicagoland
SDG: 11D0311
Client: Oneida Total Integrated Enterprises
Project: Little Chute WI
Matrix: Solid
Laboratory ID: 11D0311-13
File ID: 040711 - PSOLID_2540Bei-1-
Sampled: 04/07/11 08:45
Prepared: 04/07/11 19:06
Analyzed: 04/07/11 19:14
Solids: 88.47
Preparation: PSOLID_2540B_PR
Initial/Final: 1 g / 1 ml
Batch: B013279
Sequence:
Calibration:
Instrument: Bal-10

CAS NO.	Analyte	Concentration (wt%)	Dilution Factor	Q	Method
E-10151	Percent Solids	88	1		SM2540B Rev 18

QZW 5/20/11

INORGANIC ANALYSIS DATA SHEET

SM2540B Rev 18

SDC-GP-11-2'

Laboratory: Microbac Laboratories, Inc. - Chicagoland
SDG: 11D0311
Client: Oneida Total Integrated Enterprises
Project: Little Chute WI
Matrix: Solid
Laboratory ID: 11D0311-14
File ID: 040711 - PSOLID_2540Bei-1-
Sampled: 04/07/11 09:20
Prepared: 04/07/11 19:06
Analyzed: 04/07/11 19:14
Solids: 81.55
Preparation: PSOLID_2540B_PR
Initial/Final: 1 g / 1 ml
Batch: B013279
Sequence:
Calibration:
Instrument: Bal-10

CAS NO.	Analyte	Concentration (wt%)	Dilution Factor	Q	Method
E-10151	Percent Solids	82	1		SM2540B Rev 18

AZW 5/20/11

INORGANIC ANALYSIS DATA SHEET

SM2540B Rev 18

SDC-GP-12-0.5'

Laboratory: Microbac Laboratories, Inc. - Chicagoland SDG: 11D0311

Client: Oneida Total Integrated Enterprises Project: Little Chute WI

Matrix: Solid Laboratory ID: 11D0311-15 File ID: 040711 - PSOLID_2540Bei-1-

Sampled: 04/07/11 09:45 Prepared: 04/07/11 19:06 Analyzed: 04/07/11 19:14

Solids: 80.33 Preparation: PSOLID_2540B_PR Initial/Final: 1 g / 1 ml

Batch: B013279 Sequence: Calibration: Instrument: Bal-10

CAS NO.	Analyte	Concentration (wt%)	Dilution Factor	Q	Method
E-10151	Percent Solids	80	1		SM2540B Rev 18

ARL 5/24/11

DUPLICATES

SM2540B Rev 18

SDC-GP-5-3.5'

Laboratory: Microbac Laboratories, Inc. - Chicagoland
Client: Oneida Total Integrated Enterprises
Matrix: Solid
Batch: B013279
Preparation: PSOLID_2540B_PR
Source Sample Name: SDC-GP-5-3.5'

SDG: 11D0311
Project: Little Chute WI
Laboratory ID: B013279-DUP1
Lab Source ID: 11D0311-05
Initial/Final: 1 g / 1 ml
% Solids: 87.28

ANALYTE	CONTROL LIMIT	SAMPLE CONCENTRATION (wt%)	C	DUPLICATE CONCENTRATION (wt%)	C	RPD %	Q	METHOD
Percent Solids	20	87.3		85.1		2.58		SM2540B Rev 18

* Values outside of QC limits

AZD 5/20/11

ORGANIC ANALYSIS DATA SHEET

SW-846 8260B

SDC-GP-1-3'

Laboratory:	Microbac Laboratories, Inc. - Chicagoland			SDG:	11D0311
Client:	Oneida Total Integrated Enterprises			Project:	Little Chute WI
Matrix:	Solid	Laboratory ID:	11D0311-01	File ID:	A041008.D
Sampled:	04/06/11 11:30	Prepared:	04/10/11 20:00	Analyzed:	04/11/11 01:19
Solids:	81.46	Preparation:	8260_5035_SB_PR	Initial/Final:	5.04 g / 5 ml
Batch:	B013333	Sequence:	S004803	Calibration:	UNASSIGNED
Instrument:	VOA-1				

CAS NO.	COMPOUND	DILUTION	CONC. (µg/Kg dry)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	12	U
71-55-6	1,1,1-Trichloroethane	1	6.1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	6.1	U
79-00-5	1,1,2-Trichloroethane	1	6.1	U
75-34-3	1,1-Dichloroethane	1	6.1	U
75-35-4	1,1-Dichloroethene	1	6.1	U
107-06-2	1,2-Dichloroethane	1	6.1	U
78-87-5	1,2-Dichloropropane	1	6.1	U
78-93-3	2-Butanone	1	12	U
591-78-6	2-Hexanone	1	6.1	U
108-10-1	4-Methyl-2-Pentanone	1	6.1	U
67-64-1	Acetone	1	68	
107-02-8	Acrolein	1	120	U
107-13-1	Acrylonitrile	1	120	U
71-43-2	Benzene	1	6.1	U
75-27-4	Bromodichloromethane	1	6.1	U
75-25-2	Bromoform	1	6.1	U
74-83-9	Bromomethane	1	12	U
75-15-0	Carbon Disulfide	1	12	U
56-23-5	Carbon tetrachloride	1	6.1	U
108-90-7	Chlorobenzene	1	6.1	U
75-00-3	Chloroethane	1	12	U
67-66-3	Chloroform	1	6.1	U
74-87-3	Chloromethane	1	12	U
156-59-2	cis-1,2-Dichloroethene	1	6.1	U
10061-01-5	cis-1,3-Dichloropropene	1	6.1	U
124-48-1	Dibromochloromethane	1	6.1	U
100-41-4	Ethylbenzene	1	1.5	J
179601-23-1	m,p-Xylene	1	2.5	J
75-09-2	Methylene chloride	1	24	U
1634-04-4	Methyl-t-Butyl Ether	1	6.1	U
95-47-6	o-Xylene	1	6.1	U
100-42-5	Styrene	1	6.1	U
127-18-4	Tetrachloroethene	1	6.1	U
108-88-3	Toluene	1	1.8	J
156-60-5	trans-1,2-Dichloroethene	1	6.1	U
10061-02-6	trans-1,3-Dichloropropene	1	6.1	U
79-01-6	Trichloroethene	1	6.1	U
25323-30-2	Total 1,2-Dichloroethene	1	12	U
75-69-4	Trichlorofluoromethane	1	12	U

ORGANIC ANALYSIS DATA SHEET
SW-846 8260B

SDC-GP-1-3'

Laboratory:	Microbac Laboratories, Inc. - Chicagoland			SDG:	11D0311
Client:	Oneida Total Integrated Enterprises			Project:	Little Chute WI
Matrix:	Solid	Laboratory ID:	11D0311-01	File ID:	A041008.D
Sampled:	04/06/11 11:30	Prepared:	04/10/11 20:00	Analyzed:	04/11/11 01:19
Solids:	81.46	Preparation:	8260_5035_SB_PR	Initial/Final:	5.04 g / 5 ml
Batch:	B013333	Sequence:	S004803	Calibration:	UNASSIGNED
Instrument:	VOA-1				

CAS NO.	COMPOUND	DILUTION	CONC. (µg/Kg dry)	Q
108-05-4	Vinyl Acetate	1	12	U
75-01-4	Vinyl chloride	1	12	U
1330-20-7T	Total Xylenes	1	2.5	J

* Values outside of QC limits

aw 5/20/11

ORGANIC ANALYSIS DATA SHEET
SW-846 8260B

SDC-GP-2-2'

Laboratory:	Microbac Laboratories, Inc. - Chicagoland			SDG:	11D0311
Client:	Oneida Total Integrated Enterprises			Project:	Little Chute WI
Matrix:	Solid	Laboratory ID:	11D0311-02	File ID:	A040814.D
Sampled:	04/06/11 12:00	Prepared:	04/08/11 08:00	Analyzed:	04/08/11 15:05
Solids:	80.62	Preparation:	8260_5035_SB_PR	Initial/Final:	5.56 g / 5 ml
Batch:	B013346	Sequence:	S004809	Calibration:	UNASSIGNED
Instrument:	VOA-1				

CAS NO.	COMPOUND	DILUTION	CONC. (µg/Kg dry)	Q
127-18-4	Tetrachloroethene	50	700	D

* Values outside of QC limits

ARW 5/20/11

ORGANIC ANALYSIS DATA SHEET

SW-846 8260B

SDC-GP-2-2'

Laboratory:	Microbac Laboratories, Inc. - Chicagoland			SDG:	11D0311
Client:	Oneida Total Integrated Enterprises			Project:	Little Chute WI
Matrix:	Solid	Laboratory ID:	11D0311-02RE1	File ID:	A041009.D
Sampled:	04/06/11 12:00	Prepared:	04/10/11 20:00	Analyzed:	04/11/11 01:53
Solids:	80.62	Preparation:	8260_5035_SB_PR	Initial/Final:	5.46 g / 5 ml
Batch:	B013333	Sequence:	S004803	Calibration:	UNASSIGNED Instrument: VOA-1

CAS NO.	COMPOUND	DILUTION	CONC. (µg/Kg dry)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	11	U
71-55-6	1,1,1-Trichloroethane	1	5.7	U
79-34-5	1,1,2,2-Tetrachloroethane	1	5.7	U
79-00-5	1,1,2-Trichloroethane	1	5.7	U
75-34-3	1,1-Dichloroethane	1	5.7	U
75-35-4	1,1-Dichloroethene	1	5.7	U
107-06-2	1,2-Dichloroethane	1	5.7	U
78-87-5	1,2-Dichloropropane	1	5.7	U
78-93-3	2-Butanone	1	16	
591-78-6	2-Hexanone	1	5.7	U
108-10-1	4-Methyl-2-Pentanone	1	5.7	U
67-64-1	Acetone	1	170	
107-02-8	Acrolein	1	110	U
107-13-1	Acrylonitrile	1	110	U
71-43-2	Benzene	1	5.7	U
75-27-4	Bromodichloromethane	1	5.7	U
75-25-2	Bromoform	1	5.7	U
74-83-9	Bromomethane	1	11	U
75-15-0	Carbon Disulfide	1	11	U
56-23-5	Carbon tetrachloride	1	5.7	U
108-90-7	Chlorobenzene	1	5.7	U
75-00-3	Chloroethane	1	11	U
67-66-3	Chloroform	1	5.7	U
74-87-3	Chloromethane	1	11	U
156-59-2	cis-1,2-Dichloroethene	1	64	
10061-01-5	cis-1,3-Dichloropropene	1	5.7	U
124-48-1	Dibromochloromethane	1	5.7	U
100-41-4	Ethylbenzene	1	1.4	J
179601-23-1	m,p-Xylene	1	2.4	J
75-09-2	Methylene chloride	1	23	U
1634-04-4	Methyl-t-Butyl Ether	1	5.7	U
95-47-6	o-Xylene	1	5.7	U
100-42-5	Styrene	1	5.7	U
108-88-3	Toluene	1	2.1	J
156-60-5	trans-1,2-Dichloroethene	1	16	
10061-02-6	trans-1,3-Dichloropropene	1	5.7	U
79-01-6	Trichloroethene	1	100	
25323-30-2	Total 1,2-Dichloroethene	1	80	
75-69-4	Trichlorofluoromethane	1	11	U
108-05-4	Vinyl Acetate	1	11	U

aw 5/20/11

ORGANIC ANALYSIS DATA SHEET

SW-846 8260B

SDC-GP-2-2'

Laboratory:	Microbac Laboratories, Inc. - Chicagoland			SDG:	11D0311
Client:	Oneida Total Integrated Enterprises			Project:	Little Chute WI
Matrix:	Solid	Laboratory ID:	11D0311-02RE1	File ID:	A041009.D
Sampled:	04/06/11 12:00	Prepared:	04/10/11 20:00	Analyzed:	04/11/11 01:53
Solids:	80.62	Preparation:	8260_5035_SB_PR	Initial/Final:	5.46 g / 5 ml
Batch:	B013333	Sequence:	S004803	Calibration:	UNASSIGNED
Instrument:	VOA-1				

CAS NO.	COMPOUND	DILUTION	CONC. (µg/Kg dry)	Q
75-01-4	Vinyl chloride	1	11	U
1330-20-7T	Total Xylenes	1	2.4	J

* Values outside of QC limits

QW 5/20/11

ORGANIC ANALYSIS DATA SHEET

SW-846 8260B

SDC-GP-3-2.5'

Laboratory:	Microbac Laboratories, Inc. - Chicagoland			SDG:	11D0311
Client:	Oneida Total Integrated Enterprises			Project:	Little Chute WI
Matrix:	Solid	Laboratory ID:	11D0311-03	File ID:	A041010.D
Sampled:	04/06/11 13:30	Prepared:	04/10/11 20:00	Analyzed:	04/11/11 02:26
Solids:	80.98	Preparation:	8260_5035_SB_PR	Initial/Final:	4.53 g / 5 ml
Batch:	B013333	Sequence:	S004803	Calibration:	UNASSIGNED Instrument: VOA-1

CAS NO.	COMPOUND	DILUTION	CONC. (µg/Kg dry)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	14	U
71-55-6	1,1,1-Trichloroethane	1	6.8	U
79-34-5	1,1,2,2-Tetrachloroethane	1	6.8	U
79-00-5	1,1,2-Trichloroethane	1	6.8	U
75-34-3	1,1-Dichloroethane	1	6.8	U
75-35-4	1,1-Dichloroethene	1	6.8	U
107-06-2	1,2-Dichloroethane	1	6.8	U
78-87-5	1,2-Dichloropropane	1	6.8	U
78-93-3	2-Butanone	1	11	J
591-78-6	2-Hexanone	1	6.8	U
108-10-1	4-Methyl-2-Pentanone	1	6.8	U
67-64-1	Acetone	1	160	
107-02-8	Acrolein	1	140	U
107-13-1	Acrylonitrile	1	140	U
71-43-2	Benzene	1	2.4	J
75-27-4	Bromodichloromethane	1	6.8	U
75-25-2	Bromoform	1	6.8	U
74-83-9	Bromomethane	1	14	U
75-15-0	Carbon Disulfide	1	14	U
56-23-5	Carbon tetrachloride	1	6.8	U
108-90-7	Chlorobenzene	1	6.8	U
75-00-3	Chloroethane	1	14	U
67-66-3	Chloroform	1	6.8	U
74-87-3	Chloromethane	1	14	U
156-59-2	cis-1,2-Dichloroethene	1	6.8	U
10061-01-5	cis-1,3-Dichloropropene	1	6.8	U
124-48-1	Dibromochloromethane	1	6.8	U
100-41-4	Ethylbenzene	1	1.4	J
179601-23-1	m,p-Xylene	1	3.0	J
75-09-2	Methylene chloride	1	27	U
1634-04-4	Methyl-t-Butyl Ether	1	6.8	U
95-47-6	o-Xylene	1	6.8	U
100-42-5	Styrene	1	6.8	U
127-18-4	Tetrachloroethene	1	120	
108-88-3	Toluene	1	4.9	J
156-60-5	trans-1,2-Dichloroethene	1	6.8	U
10061-02-6	trans-1,3-Dichloropropene	1	6.8	U
79-01-6	Trichloroethene	1	6.8	U
25323-30-2	Total 1,2-Dichloroethene	1	14	U
75-69-4	Trichlorofluoromethane	1	14	U

ORGANIC ANALYSIS DATA SHEET

SW-846 8260B

SDC-GP-3-2.5'

Laboratory:	Microbac Laboratories, Inc. - Chicagoland			SDG:	11D0311
Client:	Oneida Total Integrated Enterprises			Project:	Little Chute WI
Matrix:	Solid	Laboratory ID:	11D0311-03	File ID:	A041010.D
Sampled:	04/06/11 13:30	Prepared:	04/10/11 20:00	Analyzed:	04/11/11 02:26
Solids:	80.98	Preparation:	8260_5035_SB_PR	Initial/Final:	4.53 g / 5 ml
Batch:	B013333	Sequence:	S004803	Calibration:	UNASSIGNED
Instrument:	VOA-1				

CAS NO.	COMPOUND	DILUTION	CONC. (µg/Kg dry)	Q
108-05-4	Vinyl Acetate	1	14	U
75-01-4	Vinyl chloride	1	14	U
1330-20-7T	Total Xylenes	1	3.0	J

* Values outside of QC limits

AZP 5/20/11

ORGANIC ANALYSIS DATA SHEET
SW-846 8260B

SDC-GP-4-4'

Laboratory:	Microbac Laboratories, Inc. - Chicagoland			SDG:	11D0311
Client:	Oneida Total Integrated Enterprises			Project:	Little Chute WI
Matrix:	Solid	Laboratory ID:	11D0311-04	File ID:	A041011.D
Sampled:	04/06/11 13:45	Prepared:	04/10/11 20:00	Analyzed:	04/11/11 03:00
Solids:	83.83	Preparation:	8260_5035_SB_PR	Initial/Final:	5.22 g / 5 ml
Batch:	B013333	Sequence:	S004803	Calibration:	UNASSIGNED
Instrument:	VOA-1				

CAS NO.	COMPOUND	DILUTION	CONC. (µg/Kg dry)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	11	U
71-55-6	1,1,1-Trichloroethane	1	5.7	U
79-34-5	1,1,2,2-Tetrachloroethane	1	5.7	U
79-00-5	1,1,2-Trichloroethane	1	5.7	U
75-34-3	1,1-Dichloroethane	1	5.7	U
75-35-4	1,1-Dichloroethene	1	5.7	U
107-06-2	1,2-Dichloroethane	1	5.7	U
78-87-5	1,2-Dichloropropane	1	5.7	U
78-93-3	2-Butanone	1	11	U
591-78-6	2-Hexanone	1	5.7	U
108-10-1	4-Methyl-2-Pentanone	1	5.7	U
67-64-1	Acetone	1	30	J
107-02-8	Acrolein	1	110	U
107-13-1	Acrylonitrile	1	110	U
71-43-2	Benzene	1	3.1	J
75-27-4	Bromodichloromethane	1	5.7	U
75-25-2	Bromoform	1	5.7	U
74-83-9	Bromomethane	1	11	U
75-15-0	Carbon Disulfide	1	11	U
56-23-5	Carbon tetrachloride	1	5.7	U
108-90-7	Chlorobenzene	1	5.7	U
75-00-3	Chloroethane	1	11	U
67-66-3	Chloroform	1	5.7	U
74-87-3	Chloromethane	1	11	U
156-59-2	cis-1,2-Dichloroethene	1	5.7	U
10061-01-5	cis-1,3-Dichloropropene	1	5.7	U
124-48-1	Dibromochloromethane	1	5.7	U
100-41-4	Ethylbenzene	1	4.0	J
179601-23-1	m,p-Xylene	1	6.4	
75-09-2	Methylene chloride	1	23	U
1634-04-4	Methyl-t-Butyl Ether	1	5.7	U
95-47-6	o-Xylene	1	2.3	J
100-42-5	Styrene	1	5.7	U
127-18-4	Tetrachloroethene	1	5.5	J
108-88-3	Toluene	1	8.4	
156-60-5	trans-1,2-Dichloroethene	1	5.7	U
10061-02-6	trans-1,3-Dichloropropene	1	5.7	U
79-01-6	Trichloroethene	1	1.4	J
25323-30-2	Total 1,2-Dichloroethene	1	11	U
75-69-4	Trichlorofluoromethane	1	11	U

aw 5/20/11

ORGANIC ANALYSIS DATA SHEET
SW-846 8260B

SDC-GP-4-4'

Laboratory:	Microbac Laboratories, Inc. - Chicagoland			SDG:	11D0311
Client:	Oneida Total Integrated Enterprises			Project:	Little Chute WI
Matrix:	Solid	Laboratory ID:	11D0311-04	File ID:	A041011.D
Sampled:	04/06/11 13:45	Prepared:	04/10/11 20:00	Analyzed:	04/11/11 03:00
Solids:	83.83	Preparation:	8260_5035_SB_PR	Initial/Final:	5.22 g / 5 ml
Batch:	B013333	Sequence:	S004803	Calibration:	UNASSIGNED
Instrument:	VOA-1				

CAS NO.	COMPOUND	DILUTION	CONC. (µg/Kg dry)	Q
108-05-4	Vinyl Acetate	1	11	U
75-01-4	Vinyl chloride	1	11	U
1330-20-7T	Total Xylenes	1	8.8	

* Values outside of QC limits

5/20/11

ORGANIC ANALYSIS DATA SHEET

SW-846 8260B

SDC-GP-5-3.5'

Laboratory:	Microbac Laboratories, Inc. - Chicagoland			SDG:	11D0311
Client:	Oneida Total Integrated Enterprises			Project:	Little Chute WI
Matrix:	Solid	Laboratory ID:	11D0311-05	File ID:	A041005.D
Sampled:	04/06/11 15:00	Prepared:	04/10/11 20:00	Analyzed:	04/10/11 23:41
Solids:	87.28	Preparation:	8260_5035_SB_PR	Initial/Final:	3.09 g / 5 ml
Batch:	B013333	Sequence:	S004803	Calibration:	UNASSIGNED
Instrument:	VOA-1				

CAS NO.	COMPOUND	DILUTION	CONC. (µg/Kg dry)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	19	U
71-55-6	1,1,1-Trichloroethane	1	9.3	U
79-34-5	1,1,2,2-Tetrachloroethane	1	9.3	U
79-00-5	1,1,2-Trichloroethane	1	9.3	U
75-34-3	1,1-Dichloroethane	1	9.3	U
75-35-4	1,1-Dichloroethene	1	9.3	U
107-06-2	1,2-Dichloroethane	1	9.3	U
78-87-5	1,2-Dichloropropane	1	9.3	U
78-93-3	2-Butanone	1	19	U
591-78-6	2-Hexanone	1	9.3	U
108-10-1	4-Methyl-2-Pentanone	1	9.3	U
67-64-1	Acetone	1	150	
107-02-8	Acrolein	1	190	U
107-13-1	Acrylonitrile	1	190	U
71-43-2	Benzene	1	9.3	U
75-27-4	Bromodichloromethane	1	9.3	U
75-25-2	Bromoform	1	9.3	U
74-83-9	Bromomethane	1	19	U
75-15-0	Carbon Disulfide	1	19	U
56-23-5	Carbon tetrachloride	1	9.3	U
108-90-7	Chlorobenzene	1	9.3	U
75-00-3	Chloroethane	1	19	U
67-66-3	Chloroform	1	9.3	U
74-87-3	Chloromethane	1	19	U
156-59-2	cis-1,2-Dichloroethene	1	9.3	U
10061-01-5	cis-1,3-Dichloropropene	1	9.3	U
124-48-1	Dibromochloromethane	1	9.3	U
100-41-4	Ethylbenzene	1	2.0	J
179601-23-1	m,p-Xylene	1	4.5	J
75-09-2	Methylene chloride	1	37	U
1634-04-4	Methyl-t-Butyl Ether	1	9.3	U
95-47-6	o-Xylene	1	9.3	U
100-42-5	Styrene	1	9.3	U
127-18-4	Tetrachloroethene	1	9.3	U
108-88-3	Toluene	1	2.4	J
156-60-5	trans-1,2-Dichloroethene	1	9.3	U
10061-02-6	trans-1,3-Dichloropropene	1	9.3	U
79-01-6	Trichloroethene	1	9.3	U
25323-30-2	Total 1,2-Dichloroethene	1	19	U
75-69-4	Trichlorofluoromethane	1	19	U

5/20/11

ORGANIC ANALYSIS DATA SHEET

SW-846 8260B

SDC-GP-5-3.5'

Laboratory:	Microbac Laboratories, Inc. - Chicagoland			SDG:	11D0311
Client:	Oneida Total Integrated Enterprises			Project:	Little Chute WI
Matrix:	Solid	Laboratory ID:	11D0311-05	File ID:	A041005.D
Sampled:	04/06/11 15:00	Prepared:	04/10/11 20:00	Analyzed:	04/10/11 23:41
Solids:	87.28	Preparation:	8260_5035_SB_PR	Initial/Final:	3.09 g / 5 ml
Batch:	B013333	Sequence:	S004803	Calibration:	UNASSIGNED
Instrument:	VOA-1				

CAS NO.	COMPOUND	DILUTION	CONC. (µg/Kg dry)	Q
108-05-4	Vinyl Acetate	1	19	U
75-01-4	Vinyl chloride	1	19	U
1330-20-7T	Total Xylenes	1	4.5	J

* Values outside of QC limits

5/20/11

ORGANIC ANALYSIS DATA SHEET

SW-846 8260B

SDC-GP-6-14'

Laboratory:	Microbac Laboratories, Inc. - Chicagoland			SDG:	11D0311
Client:	Oneida Total Integrated Enterprises			Project:	Little Chute WI
Matrix:	Solid	Laboratory ID:	11D0311-06	File ID:	A040807.D
Sampled:	04/06/11 16:00	Prepared:	04/08/11 08:00	Analyzed:	04/08/11 11:25
Solids:	80.96	Preparation:	8260_5035_SB_PR	Initial/Final:	6.36 g / 5 ml
Batch:	B013346	Sequence:	S004809	Calibration:	UNASSIGNED Instrument: VOA-1

CAS NO.	COMPOUND	DILUTION	CONC. (µg/Kg dry)	Q
630-20-6	1,1,1,2-Tetrachloroethane	50	490	U
71-55-6	1,1,1-Trichloroethane	50	240	U
79-34-5	1,1,2,2-Tetrachloroethane	50	240	U
79-00-5	1,1,2-Trichloroethane	50	240	U
75-34-3	1,1-Dichloroethane	50	240	U
75-35-4	1,1-Dichloroethene	50	240	U
107-06-2	1,2-Dichloroethane	50	240	U
78-87-5	1,2-Dichloropropane	50	240	U
78-93-3	2-Butanone	50	490	U
591-78-6	2-Hexanone	50	240	U
108-10-1	4-Methyl-2-Pentanone	50	240	U
67-64-1	Acetone	50	2400	U
107-02-8	Acrolein	50	4900	U
107-13-1	Acrylonitrile	50	4900	U
71-43-2	Benzene	50	240	U
75-27-4	Bromodichloromethane	50	240	U
75-25-2	Bromoform	50	240	U
74-83-9	Bromomethane	50	490	U
75-15-0	Carbon Disulfide	50	490	U
56-23-5	Carbon tetrachloride	50	240	U
108-90-7	Chlorobenzene	50	240	U
75-00-3	Chloroethane	50	490	U
67-66-3	Chloroform	50	240	U
74-87-3	Chloromethane	50	490	U
156-59-2	cis-1,2-Dichloroethene	50	240	U
10061-01-5	cis-1,3-Dichloropropene	50	240	U
124-48-1	Dibromochloromethane	50	240	U
100-41-4	Ethylbenzene	50	240	U
179601-23-1	m,p-Xylene	50	240	U
75-09-2	Methylene chloride	50	970	U
1634-04-4	Methyl-t-Butyl Ether	50	240	U
95-47-6	o-Xylene	50	240	U
100-42-5	Styrene	50	240	U
108-88-3	Toluene	50	240	U
156-60-5	trans-1,2-Dichloroethene	50	240	U
10061-02-6	trans-1,3-Dichloropropene	50	240	U
79-01-6	Trichloroethene	50	240	U
25323-30-2	Total 1,2-Dichloroethene	50	490	U
75-69-4	Trichlorofluoromethane	50	490	U
108-05-4	Vinyl Acetate	50	490	U

5/20/11

ORGANIC ANALYSIS DATA SHEET

SW-846 8260B

SDC-GP-6-14'

Laboratory:	Microbac Laboratories, Inc. - Chicagoland			SDG:	11D0311
Client:	Oneida Total Integrated Enterprises			Project:	Little Chute WI
Matrix:	Solid	Laboratory ID:	11D0311-06	File ID:	A040807.D
Sampled:	04/06/11 16:00	Prepared:	04/08/11 08:00	Analyzed:	04/08/11 11:25
Solids:	80.96	Preparation:	8260_5035_SB_PR	Initial/Final:	6.36 g / 5 ml
Batch:	B013346	Sequence:	S004809	Calibration:	UNASSIGNED
Instrument:	VOA-1				

CAS NO.	COMPOUND	DILUTION	CONC. (µg/Kg dry)	Q
75-01-4	Vinyl chloride	50	490	U
1330-20-7T	Total Xylenes	50	240	U

* Values outside of QC limits

5/20/11

ORGANIC ANALYSIS DATA SHEET
SW-846 8260B

SDC-GP-6-14'

Laboratory:	Microbac Laboratories, Inc. - Chicagoland			SDG:	11D0311
Client:	Oneida Total Integrated Enterprises			Project:	Little Chute WI
Matrix:	Solid	Laboratory ID:	11D0311-06RE1	File ID:	A040811.D
Sampled:	04/06/11 16:00	Prepared:	04/08/11 08:00	Analyzed:	04/08/11 13:33
Solids:	80.96	Preparation:	8260_5035_SB_PR	Initial/Final:	6.36 g / 5 ml
Batch:	B013346	Sequence:	S004809	Calibration:	UNASSIGNED
Instrument:	VOA-1				

CAS NO.	COMPOUND	DILUTION	CONC. (µg/Kg dry)	Q
127-18-4	Tetrachloroethene	500	36000	D

* Values outside of QC limits

ard 5/20/11

ORGANIC ANALYSIS DATA SHEET

SW-846 8260B

SDC-GP-7-1.5'

Laboratory:	Microbac Laboratories, Inc. - Chicagoland			SDG:	11D0311
Client:	Oneida Total Integrated Enterprises			Project:	Little Chute WI
Matrix:	Solid	Laboratory ID:	11D0311-07	File ID:	A040823.D
Sampled:	04/06/11 17:30	Prepared:	04/08/11 08:00	Analyzed:	04/08/11 19:51
Solids:	83.07	Preparation:	8260_5035_SB_PR	Initial/Final:	4.99 g / 5 ml
Batch:	B013346	Sequence:	S004809	Calibration:	UNASSIGNED Instrument: VOA-1

CAS NO.	COMPOUND	DILUTION	CONC. (µg/Kg dry)	Q
630-20-6	1,1,1,2-Tetrachloroethane	50	600	U
71-55-6	1,1,1-Trichloroethane	50	300	U
79-34-5	1,1,2,2-Tetrachloroethane	50	300	U
79-00-5	1,1,2-Trichloroethane	50	300	U
75-34-3	1,1-Dichloroethane	50	300	U
75-35-4	1,1-Dichloroethene	50	300	U
107-06-2	1,2-Dichloroethane	50	300	U
78-87-5	1,2-Dichloropropane	50	300	U
78-93-3	2-Butanone	50	600	U
591-78-6	2-Hexanone	50	300	U
108-10-1	4-Methyl-2-Pentanone	50	300	U
67-64-1	Acetone	50	3000	U
107-02-8	Acrolein	50	6000	U
107-13-1	Acrylonitrile	50	6000	U
71-43-2	Benzene	50	300	U
75-27-4	Bromodichloromethane	50	300	U
75-25-2	Bromoform	50	300	U
74-83-9	Bromomethane	50	600	U
75-15-0	Carbon Disulfide	50	600	U
56-23-5	Carbon tetrachloride	50	300	U
108-90-7	Chlorobenzene	50	300	U
75-00-3	Chloroethane	50	600	U
67-66-3	Chloroform	50	300	U
74-87-3	Chloromethane	50	600	U
156-59-2	cis-1,2-Dichloroethene	50	300	U
10061-01-5	cis-1,3-Dichloropropene	50	300	U
124-48-1	Dibromochloromethane	50	300	U
100-41-4	Ethylbenzene	50	300	U
179601-23-1	m,p-Xylene	50	300	U
75-09-2	Methylene chloride	50	1200	U
1634-04-4	Methyl-t-Butyl Ether	50	300	U
95-47-6	o-Xylene	50	300	U
100-42-5	Styrene	50	300	U
127-18-4	Tetrachloroethene	50	1300	D
108-88-3	Toluene	50	300	U
156-60-5	trans-1,2-Dichloroethene	50	300	U
10061-02-6	trans-1,3-Dichloropropene	50	300	U
79-01-6	Trichloroethene	50	300	U
25323-30-2	Total 1,2-Dichloroethene	50	600	U
75-69-4	Trichlorofluoromethane	50	600	U

arw 6/24/11

ORGANIC ANALYSIS DATA SHEET

SW-846 8260B

SDC-GP-7-1.5'

Laboratory:	Microbac Laboratories, Inc. - Chicagoland			SDG:	11D0311
Client:	Oneida Total Integrated Enterprises			Project:	Little Chute WI
Matrix:	Solid	Laboratory ID:	11D0311-07	File ID:	A040823.D
Sampled:	04/06/11 17:30	Prepared:	04/08/11 08:00	Analyzed:	04/08/11 19:51
Solids:	83.07	Preparation:	8260_5035_SB_PR	Initial/Final:	4.99 g / 5 ml
Batch:	B013346	Sequence:	S004809	Calibration:	UNASSIGNED
Instrument:	VOA-1				

CAS NO.	COMPOUND	DILUTION	CONC. (µg/Kg dry)	Q
108-05-4	Vinyl Acetate	50	600	U
75-01-4	Vinyl chloride	50	600	U
1330-20-7T	Total Xylenes	50	300	U

* Values outside of QC limits

AW 5/20/11

ORGANIC ANALYSIS DATA SHEET

SW-846 8260B

SDC-GP-8-1'-D

Laboratory:	Microbac Laboratories, Inc. - Chicagoland			SDG:	11D0311
Client:	Oneida Total Integrated Enterprises			Project:	Little Chute WI
Matrix:	Solid	Laboratory ID:	11D0311-08	File ID:	A040808.D
Sampled:	04/06/11 18:00	Prepared:	04/08/11 08:00	Analyzed:	04/08/11 11:55
Solids:	82.91	Preparation:	8260_5035_SB_PR	Initial/Final:	2.5 g / 5 ml
Batch:	B013346	Sequence:	S004809	Calibration:	UNASSIGNED Instrument: VOA-1

CAS NO.	COMPOUND	DILUTION	CONC. (µg/Kg dry)	Q
630-20-6	1,1,1,2-Tetrachloroethane	50	1200	U
71-55-6	1,1,1-Trichloroethane	50	600	U
79-34-5	1,1,2,2-Tetrachloroethane	50	600	U
79-00-5	1,1,2-Trichloroethane	50	600	U
75-34-3	1,1-Dichloroethane	50	600	U
75-35-4	1,1-Dichloroethene	50	600	U
107-06-2	1,2-Dichloroethane	50	600	U
78-87-5	1,2-Dichloropropane	50	600	U
78-93-3	2-Butanone	50	1200	U
591-78-6	2-Hexanone	50	600	U
108-10-1	4-Methyl-2-Pentanone	50	600	U
67-64-1	Acetone	50	6000	U
107-02-8	Acrolein	50	12000	U
107-13-1	Acrylonitrile	50	12000	U
71-43-2	Benzene	50	600	U
75-27-4	Bromodichloromethane	50	600	U
75-25-2	Bromoform	50	600	U
74-83-9	Bromomethane	50	1200	U
75-15-0	Carbon Disulfide	50	1200	U
56-23-5	Carbon tetrachloride	50	600	U
108-90-7	Chlorobenzene	50	600	U
75-00-3	Chloroethane	50	1200	U
67-66-3	Chloroform	50	600	U
74-87-3	Chloromethane	50	1200	U
156-59-2	cis-1,2-Dichloroethene	50	600	U
10061-01-5	cis-1,3-Dichloropropene	50	600	U
124-48-1	Dibromochloromethane	50	600	U
100-41-4	Ethylbenzene	50	600	U
179601-23-1	m,p-Xylene	50	600	U
75-09-2	Methylene chloride	50	2400	U
1634-04-4	Methyl-t-Butyl Ether	50	600	U
95-47-6	o-Xylene	50	600	U
100-42-5	Styrene	50	600	U
108-88-3	Toluene	50	600	U
156-60-5	trans-1,2-Dichloroethene	50	600	U
10061-02-6	trans-1,3-Dichloropropene	50	600	U
79-01-6	Trichloroethene	50	430	JD
25323-30-2	Total 1,2-Dichloroethene	50	1200	U
75-69-4	Trichlorofluoromethane	50	1200	U
108-05-4	Vinyl Acetate	50	1200	U

5/20/11

ORGANIC ANALYSIS DATA SHEET
SW-846 8260B

SDC-GP-8-1'-D

Laboratory:	Microbac Laboratories, Inc. - Chicagoland			SDG:	11D0311
Client:	Oneida Total Integrated Enterprises			Project:	Little Chute WI
Matrix:	Solid	Laboratory ID:	11D0311-08	File ID:	A040808.D
Sampled:	04/06/11 18:00	Prepared:	04/08/11 08:00	Analyzed:	04/08/11 11:55
Solids:	82.91	Preparation:	8260_5035_SB_PR	Initial/Final:	2.5 g / 5 ml
Batch:	B013346	Sequence:	S004809	Calibration:	UNASSIGNED
Instrument:	VOA-1				

CAS NO.	COMPOUND	DILUTION	CONC. (µg/Kg dry)	Q
75-01-4	Vinyl chloride	50	1200	U
1330-20-7T	Total Xylenes	50	600	U

* Values outside of QC limits

5/20/11

ORGANIC ANALYSIS DATA SHEET

SW-846 8260B

SDC-GP-8-1'-D

Laboratory:	Microbac Laboratories, Inc. - Chicagoland			SDG:	11D0311
Client:	Oneida Total Integrated Enterprises			Project:	Little Chute WI
Matrix:	Solid	Laboratory ID:	11D0311-08RE1	File ID:	A040824.D
Sampled:	04/06/11 18:00	Prepared:	04/08/11 08:00	Analyzed:	04/08/11 20:21
Solids:	82.91	Preparation:	8260_5035_SB_PR	Initial/Final:	2.5 g / 5 ml
Batch:	B013346	Sequence:	S004809	Calibration:	UNASSIGNED
Instrument:	VOA-1				

CAS NO.	COMPOUND	DILUTION	CONC. (µg/Kg dry)	Q
127-18-4	Tetrachloroethene	10000	1400000	D

* Values outside of QC limits

QV 5/20/11

ORGANIC ANALYSIS DATA SHEET

SW-846 8260B

SDC-GP-8-1'

Laboratory:	Microbac Laboratories, Inc. - Chicagoland			SDG:	11D0311
Client:	Oneida Total Integrated Enterprises			Project:	Little Chute WI
Matrix:	Solid	Laboratory ID:	11D0311-09	File ID:	A040809.D
Sampled:	04/06/11 18:00	Prepared:	04/08/11 08:00	Analyzed:	04/08/11 12:26
Solids:	82.91	Preparation:	8260_5035_SB_PR	Initial/Final:	3.68 g / 5 ml
Batch:	B013346	Sequence:	S004809	Calibration:	UNASSIGNED
Instrument:	VOA-1				

CAS NO.	COMPOUND	DILUTION	CONC. (µg/Kg dry)	Q
630-20-6	1,1,1,2-Tetrachloroethane	50	820	U
71-55-6	1,1,1-Trichloroethane	50	410	U
79-34-5	1,1,2,2-Tetrachloroethane	50	410	U
79-00-5	1,1,2-Trichloroethane	50	410	U
75-34-3	1,1-Dichloroethane	50	410	U
75-35-4	1,1-Dichloroethene	50	410	U
107-06-2	1,2-Dichloroethane	50	410	U
78-87-5	1,2-Dichloropropane	50	410	U
78-93-3	2-Butanone	50	820	U
591-78-6	2-Hexanone	50	410	U
108-10-1	4-Methyl-2-Pentanone	50	410	U
67-64-1	Acetone	50	4100	U
107-02-8	Acrolein	50	8200	U
107-13-1	Acrylonitrile	50	8200	U
71-43-2	Benzene	50	410	U
75-27-4	Bromodichloromethane	50	410	U
75-25-2	Bromoform	50	410	U
74-83-9	Bromomethane	50	820	U
75-15-0	Carbon Disulfide	50	820	U
56-23-5	Carbon tetrachloride	50	410	U
108-90-7	Chlorobenzene	50	410	U
75-00-3	Chloroethane	50	820	U
67-66-3	Chloroform	50	410	U
74-87-3	Chloromethane	50	820	U
156-59-2	cis-1,2-Dichloroethene	50	410	U
10061-01-5	cis-1,3-Dichloropropene	50	410	U
124-48-1	Dibromochloromethane	50	410	U
100-41-4	Ethylbenzene	50	410	U
179601-23-1	m,p-Xylene	50	410	U
75-09-2	Methylene chloride	50	1600	U
1634-04-4	Methyl-t-Butyl Ether	50	410	U
95-47-6	o-Xylene	50	410	U
100-42-5	Styrene	50	410	U
108-88-3	Toluene	50	410	U
156-60-5	trans-1,2-Dichloroethene	50	410	U
10061-02-6	trans-1,3-Dichloropropene	50	410	U
79-01-6	Trichloroethene	50	120	JD
25323-30-2	Total 1,2-Dichloroethene	50	820	U
75-69-4	Trichlorofluoromethane	50	820	U
108-05-4	Vinyl Acetate	50	820	U

5pd11

ORGANIC ANALYSIS DATA SHEET

SW-846 8260B

SDC-GP-8-1'

Laboratory:	Microbac Laboratories, Inc. - Chicagoland			SDG:	11D0311
Client:	Oneida Total Integrated Enterprises			Project:	Little Chute WI
Matrix:	Solid	Laboratory ID:	11D0311-09	File ID:	A040809.D
Sampled:	04/06/11 18:00	Prepared:	04/08/11 08:00	Analyzed:	04/08/11 12:26
Solids:	82.91	Preparation:	8260_5035_SB_PR	Initial/Final:	3.68 g / 5 ml
Batch:	B013346	Sequence:	S004809	Calibration:	UNASSIGNED
Instrument:	VOA-1				

CAS NO.	COMPOUND	DILUTION	CONC. (µg/Kg dry)	Q
75-01-4	Vinyl chloride	50	820	U
1330-20-7T	Total Xylenes	50	410	U

* Values outside of QC limits

AW 5/20/11

ORGANIC ANALYSIS DATA SHEET

SW-846 8260B

SDC-GP-8-1'

Laboratory:	Microbac Laboratories, Inc. - Chicagoland			SDG:	11D0311
Client:	Oneida Total Integrated Enterprises			Project:	Little Chute WI
Matrix:	Solid	Laboratory ID:	11D0311-09RE1	File ID:	A040825.D
Sampled:	04/06/11 18:00	Prepared:	04/08/11 08:00	Analyzed:	04/08/11 20:52
Solids:	82.91	Preparation:	8260_5035_SB_PR	Initial/Final:	3.68 g / 5 ml
Batch:	B013346	Sequence:	S004809	Calibration:	UNASSIGNED
Instrument:	VOA-1				

CAS NO.	COMPOUND	DILUTION	CONC. (µg/Kg dry)	Q
127-18-4	Tetrachloroethene	10000	390000	D

* Values outside of QC limits

aw 5/2/11

ORGANIC ANALYSIS DATA SHEET
SW-846 8260B

SDC-GW-2

Laboratory:	Microbac Laboratories, Inc. - Chicagoland			SDG:	11D0311
Client:	Oneida Total Integrated Enterprises			Project:	Little Chute WI
Matrix:	Aqueous	Laboratory ID:	11D0311-10	File ID:	A040716.D
Sampled:	04/07/11 08:00	Prepared:	04/07/11 17:00	Analyzed:	04/07/11 17:34
Solids:		Preparation:	8260_BTEX+M_PR	Initial/Final:	5 ml / 5 ml
Batch:	B013225	Sequence:	S004751	Calibration:	UNASSIGNED Instrument: VOA-1

CAS NO.	COMPOUND	DILUTION	CONC. (µg/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	10	100	U
71-55-6	1,1,1-Trichloroethane	10	50	U
79-34-5	1,1,2,2-Tetrachloroethane	10	50	U
79-00-5	1,1,2-Trichloroethane	10	50	U
75-34-3	1,1-Dichloroethane	10	50	U
75-35-4	1,1-Dichloroethene	10	50	U
107-06-2	1,2-Dichloroethane	10	50	U
78-87-5	1,2-Dichloropropane	10	50	U
78-93-3	2-Butanone	10	100	U
591-78-6	2-Hexanone	10	100	U
108-10-1	4-Methyl-2-Pentanone	10	100	U
67-64-1	Acetone	10	500	U
107-02-8	Acrolein	10	1000	U
107-13-1	Acrylonitrile	10	1000	U
71-43-2	Benzene	10	50	U
75-27-4	Bromodichloromethane	10	50	U
75-25-2	Bromoform	10	50	U
74-83-9	Bromomethane	10	100	U
75-15-0	Carbon Disulfide	10	100	U
56-23-5	Carbon tetrachloride	10	50	U
108-90-7	Chlorobenzene	10	50	U
75-00-3	Chloroethane	10	100	U
67-66-3	Chloroform	10	50	U
74-87-3	Chloromethane	10	100	U
156-59-2	cis-1,2-Dichloroethene	10	50	U
10061-01-5	cis-1,3-Dichloropropene	10	50	U
124-48-1	Dibromochloromethane	10	50	U
100-41-4	Ethylbenzene	10	50	U
179601-23-1	m,p-Xylene	10	50	U
75-09-2	Methylene chloride	10	100	U
1634-04-4	Methyl-t-Butyl Ether	10	50	U
95-47-6	o-Xylene	10	50	U
100-42-5	Styrene	10	50	U
127-18-4	Tetrachloroethene	10	180	D
108-88-3	Toluene	10	50	U
156-60-5	trans-1,2-Dichloroethene	10	50	U
10061-02-6	trans-1,3-Dichloropropene	10	50	U
79-01-6	Trichloroethene	10	50	U
75-69-4	Trichlorofluoromethane	10	100	U
108-05-4	Vinyl Acetate	10	100	U

AW 5/24/11

ORGANIC ANALYSIS DATA SHEET

SW-846 8260B

SDC-GW-2

Laboratory:	Microbac Laboratories, Inc. - Chicagoland			SDG:	11D0311
Client:	Oneida Total Integrated Enterprises			Project:	Little Chute WI
Matrix:	Aqueous	Laboratory ID:	11D0311-10	File ID:	A040716.D
Sampled:	04/07/11 08:00	Prepared:	04/07/11 17:00	Analyzed:	04/07/11 17:34
Solids:		Preparation:	8260_BTEX+M_PR	Initial/Final:	5 ml / 5 ml
Batch:	B013225	Sequence:	S004751	Calibration:	UNASSIGNED
Instrument:	VOA-1				

CAS NO.	COMPOUND	DILUTION	CONC. (µg/L)	Q
75-01-4	Vinyl chloride	10	20	U
25323-30-2	Total 1,2-Dichloroethene	10	50	U
1330-20-7T	Total Xylenes	10	50	U

* Values outside of QC limits

4/20/11

ORGANIC ANALYSIS DATA SHEET

SW-846 8260B

SDC-GW-8

Laboratory:	Microbac Laboratories, Inc. - Chicagoland			SDG:	11D0311
Client:	Oneida Total Integrated Enterprises			Project:	Little Chute WI
Matrix:	Aqueous	Laboratory ID:	11D0311-11	File ID:	A040717.D
Sampled:	04/07/11 09:00	Prepared:	04/07/11 17:00	Analyzed:	04/07/11 18:05
Solids:		Preparation:	8260_BTEX+M_PR	Initial/Final:	5 ml / 5 ml
Batch:	B013225	Sequence:	S004751	Calibration:	UNASSIGNED
Instrument:	VOA-1				

CAS NO.	COMPOUND	DILUTION	CONC. (µg/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	100	1000	U
71-55-6	1,1,1-Trichloroethane	100	500	U
79-34-5	1,1,2,2-Tetrachloroethane	100	500	U
79-00-5	1,1,2-Trichloroethane	100	500	U
75-34-3	1,1-Dichloroethane	100	500	U
75-35-4	1,1-Dichloroethene	100	500	U
107-06-2	1,2-Dichloroethane	100	500	U
78-87-5	1,2-Dichloropropane	100	500	U
78-93-3	2-Butanone	100	1000	U
591-78-6	2-Hexanone	100	1000	U
108-10-1	4-Methyl-2-Pentanone	100	1000	U
67-64-1	Acetone	100	5000	U
107-02-8	Acrolein	100	10000	U
107-13-1	Acrylonitrile	100	10000	U
71-43-2	Benzene	100	500	U
75-27-4	Bromodichloromethane	100	500	U
75-25-2	Bromoform	100	500	U
74-83-9	Bromomethane	100	1000	U
75-15-0	Carbon Disulfide	100	1000	U
56-23-5	Carbon tetrachloride	100	500	U
108-90-7	Chlorobenzene	100	500	U
75-00-3	Chloroethane	100	1000	U
67-66-3	Chloroform	100	500	U
74-87-3	Chloromethane	100	1000	U
156-59-2	cis-1,2-Dichloroethene	100	500	U
10061-01-5	cis-1,3-Dichloropropene	100	500	U
124-48-1	Dibromochloromethane	100	500	U
100-41-4	Ethylbenzene	100	500	U
179601-23-1	m,p-Xylene	100	500	U
75-09-2	Methylene chloride	100	1000	U
1634-04-4	Methyl-t-Butyl Ether	100	500	U
95-47-6	o-Xylene	100	500	U
100-42-5	Styrene	100	500	U
127-18-4	Tetrachloroethene	100	1500	D
108-88-3	Toluene	100	500	U
156-60-5	trans-1,2-Dichloroethene	100	500	U
10061-02-6	trans-1,3-Dichloropropene	100	500	U
79-01-6	Trichloroethene	100	500	U
75-69-4	Trichlorofluoromethane	100	1000	U
108-05-4	Vinyl Acetate	100	1000	U

ORGANIC ANALYSIS DATA SHEET

SW-846 8260B

SDC-GW-8

Laboratory:	Microbac Laboratories, Inc. - Chicagoland			SDG:	11D0311
Client:	Oneida Total Integrated Enterprises			Project:	Little Chute WI
Matrix:	Aqueous	Laboratory ID:	11D0311-11	File ID:	A040717.D
Sampled:	04/07/11 09:00	Prepared:	04/07/11 17:00	Analyzed:	04/07/11 18:05
Solids:		Preparation:	8260_BTEX+M_PR	Initial/Final:	5 ml / 5 ml
Batch:	B013225	Sequence:	S004751	Calibration:	UNASSIGNED
Instrument:	VOA-1				

CAS NO.	COMPOUND	DILUTION	CONC. (µg/L)	Q
75-01-4	Vinyl chloride	100	200	U
25323-30-2	Total 1,2-Dichloroethene	100	500	U
1330-20-7T	Total Xylenes	100	500	U

* Values outside of QC limits

AW 5/20/11

ORGANIC ANALYSIS DATA SHEET
SW-846 8260B

SDC-GP-9-5'

Laboratory:	Microbac Laboratories, Inc. - Chicagoland			SDG:	11D0311
Client:	Oneida Total Integrated Enterprises			Project:	Little Chute WI
Matrix:	Solid	Laboratory ID:	11D0311-12	File ID:	A041012.D
Sampled:	04/07/11 07:45	Prepared:	04/10/11 20:00	Analyzed:	04/11/11 03:34
Solids:	83.39	Preparation:	8260_5035_SB_PR	Initial/Final:	5.12 g / 5 ml
Batch:	B013333	Sequence:	S004803	Calibration:	UNASSIGNED
Instrument:	VOA-1				

CAS NO.	COMPOUND	DILUTION	CONC. (µg/Kg dry)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	12	U
71-55-6	1,1,1-Trichloroethane	1	5.9	U
79-34-5	1,1,2,2-Tetrachloroethane	1	5.9	U
79-00-5	1,1,2-Trichloroethane	1	5.9	U
75-34-3	1,1-Dichloroethane	1	5.9	U
75-35-4	1,1-Dichloroethene	1	5.9	U
107-06-2	1,2-Dichloroethane	1	5.9	U
78-87-5	1,2-Dichloropropane	1	5.9	U
78-93-3	2-Butanone	1	12	U
591-78-6	2-Hexanone	1	5.9	U
108-10-1	4-Methyl-2-Pentanone	1	5.9	U
67-64-1	Acetone	1	23	J
107-02-8	Acrolein	1	120	U
107-13-1	Acrylonitrile	1	120	U
71-43-2	Benzene	1	1.8	J
75-27-4	Bromodichloromethane	1	5.9	U
75-25-2	Bromoform	1	5.9	U
74-83-9	Bromomethane	1	12	U
75-15-0	Carbon Disulfide	1	12	U
56-23-5	Carbon tetrachloride	1	5.9	U
108-90-7	Chlorobenzene	1	5.9	U
75-00-3	Chloroethane	1	12	U
67-66-3	Chloroform	1	5.9	U
74-87-3	Chloromethane	1	12	U
156-59-2	cis-1,2-Dichloroethene	1	5.9	U
10061-01-5	cis-1,3-Dichloropropene	1	5.9	U
124-48-1	Dibromochloromethane	1	5.9	U
100-41-4	Ethylbenzene	1	2.8	J
179601-23-1	m,p-Xylene	1	3.3	J
75-09-2	Methylene chloride	1	23	U
1634-04-4	Methyl-t-Butyl Ether	1	5.9	U
95-47-6	o-Xylene	1	1.2	J
100-42-5	Styrene	1	5.9	U
127-18-4	Tetrachloroethene	1	19	
108-88-3	Toluene	1	4.6	J
156-60-5	trans-1,2-Dichloroethene	1	5.9	U
10061-02-6	trans-1,3-Dichloropropene	1	5.9	U
79-01-6	Trichloroethene	1	5.9	U
25323-30-2	Total 1,2-Dichloroethene	1	12	U
75-69-4	Trichlorofluoromethane	1	12	U

4/5/2011

ORGANIC ANALYSIS DATA SHEET

SW-846 8260B

SDC-GP-9-5'

Laboratory:	Microbac Laboratories, Inc. - Chicagoland			SDG:	11D0311
Client:	Oneida Total Integrated Enterprises			Project:	Little Chute WI
Matrix:	Solid	Laboratory ID:	11D0311-12	File ID:	A041012.D
Sampled:	04/07/11 07:45	Prepared:	04/10/11 20:00	Analyzed:	04/11/11 03:34
Solids:	83.39	Preparation:	8260_5035_SB_PR	Initial/Final:	5.12 g / 5 ml
Batch:	B013333	Sequence:	S004803	Calibration:	UNASSIGNED
Instrument:	VOA-1				

CAS NO.	COMPOUND	DILUTION	CONC. (µg/Kg dry)	Q
108-05-4	Vinyl Acetate	1	12	U
75-01-4	Vinyl chloride	1	12	U
1330-20-7T	Total Xylenes	1	4.5	J

* Values outside of QC limits

4/20/11

ORGANIC ANALYSIS DATA SHEET
SW-846 8260B

SDC-GP-10-1'

Laboratory:	Microbac Laboratories, Inc. - Chicagoland			SDG:	11D0311
Client:	Oneida Total Integrated Enterprises			Project:	Little Chute WI
Matrix:	Solid	Laboratory ID:	11D0311-13	File ID:	A040821.D
Sampled:	04/07/11 08:45	Prepared:	04/08/11 08:00	Analyzed:	04/08/11 18:50
Solids:	88.47	Preparation:	8260_5035_SB_PR	Initial/Final:	4.41 g / 5 ml
Batch:	B013346	Sequence:	S004809	Calibration:	UNASSIGNED Instrument: VOA-1

CAS NO.	COMPOUND	DILUTION	CONC. (µg/Kg dry)	Q
630-20-6	1,1,1,2-Tetrachloroethane	50	640	U
71-55-6	1,1,1-Trichloroethane	50	320	U
79-34-5	1,1,2,2-Tetrachloroethane	50	320	U
79-00-5	1,1,2-Trichloroethane	50	320	U
75-34-3	1,1-Dichloroethane	50	320	U
75-35-4	1,1-Dichloroethene	50	320	U
107-06-2	1,2-Dichloroethane	50	320	U
78-87-5	1,2-Dichloropropane	50	320	U
78-93-3	2-Butanone	50	640	U
591-78-6	2-Hexanone	50	320	U
108-10-1	4-Methyl-2-Pentanone	50	320	U
67-64-1	Acetone	50	3200	U
107-02-8	Acrolein	50	6400	U
107-13-1	Acrylonitrile	50	6400	U
71-43-2	Benzene	50	320	U
75-27-4	Bromodichloromethane	50	320	U
75-25-2	Bromoform	50	320	U
74-83-9	Bromomethane	50	640	U
75-15-0	Carbon Disulfide	50	640	U
56-23-5	Carbon tetrachloride	50	320	U
108-90-7	Chlorobenzene	50	320	U
75-00-3	Chloroethane	50	640	U
67-66-3	Chloroform	50	320	U
74-87-3	Chloromethane	50	640	U
156-59-2	cis-1,2-Dichloroethene	50	320	U
10061-01-5	cis-1,3-Dichloropropene	50	320	U
124-48-1	Dibromochloromethane	50	320	U
100-41-4	Ethylbenzene	50	320	U
179601-23-1	m,p-Xylene	50	320	U
75-09-2	Methylene chloride	50	1300	U
1634-04-4	Methyl-t-Butyl Ether	50	320	U
95-47-6	o-Xylene	50	320	U
100-42-5	Styrene	50	320	U
127-18-4	Tetrachloroethene	50	1500	D
108-88-3	Toluene	50	320	U
156-60-5	trans-1,2-Dichloroethene	50	320	U
10061-02-6	trans-1,3-Dichloropropene	50	320	U
79-01-6	Trichloroethene	50	320	U
25323-30-2	Total 1,2-Dichloroethene	50	640	U
75-69-4	Trichlorofluoromethane	50	640	U

5/2/11

ORGANIC ANALYSIS DATA SHEET

SW-846 8260B

SDC-GP-10-1'

Laboratory:	Microbac Laboratories, Inc. - Chicagoland			SDG:	11D0311
Client:	Oneida Total Integrated Enterprises			Project:	Little Chute WI
Matrix:	Solid	Laboratory ID:	11D0311-13	File ID:	A040821.D
Sampled:	04/07/11 08:45	Prepared:	04/08/11 08:00	Analyzed:	04/08/11 18:50
Solids:	88.47	Preparation:	8260_5035_SB_PR	Initial/Final:	4.41 g / 5 ml
Batch:	B013346	Sequence:	S004809	Calibration:	UNASSIGNED
Instrument:	VOA-1				

CAS NO.	COMPOUND	DILUTION	CONC. (µg/Kg dry)	Q
108-05-4	Vinyl Acetate	50	640	U
75-01-4	Vinyl chloride	50	640	U
1330-20-7T	Total Xylenes	50	320	U

* Values outside of QC limits

atw 5/9/11

ORGANIC ANALYSIS DATA SHEET

SW-846 8260B

SDC-GP-11-2'

Laboratory:	Microbac Laboratories, Inc. - Chicagoland			SDG:	11D0311
Client:	Oneida Total Integrated Enterprises			Project:	Little Chute WI
Matrix:	Solid	Laboratory ID:	11D0311-14	File ID:	A040822.D
Sampled:	04/07/11 09:20	Prepared:	04/08/11 08:00	Analyzed:	04/08/11 19:20
Solids:	81.55	Preparation:	8260_5035_SB_PR	Initial/Final:	5.28 g / 5 ml
Batch:	B013346	Sequence:	S004809	Calibration:	UNASSIGNED
Instrument:	VOA-1				

CAS NO.	COMPOUND	DILUTION	CONC. (µg/Kg dry)	Q
630-20-6	1,1,1,2-Tetrachloroethane	50	580	U
71-55-6	1,1,1-Trichloroethane	50	290	U
79-34-5	1,1,2,2-Tetrachloroethane	50	290	U
79-00-5	1,1,2-Trichloroethane	50	290	U
75-34-3	1,1-Dichloroethane	50	290	U
75-35-4	1,1-Dichloroethene	50	290	U
107-06-2	1,2-Dichloroethane	50	290	U
78-87-5	1,2-Dichloropropane	50	290	U
78-93-3	2-Butanone	50	580	U
591-78-6	2-Hexanone	50	290	U
108-10-1	4-Methyl-2-Pentanone	50	290	U
67-64-1	Acetone	50	2900	U
107-02-8	Acrolein	50	5800	U
107-13-1	Acrylonitrile	50	5800	U
71-43-2	Benzene	50	290	U
75-27-4	Bromodichloromethane	50	290	U
75-25-2	Bromoform	50	290	U
74-83-9	Bromomethane	50	580	U
75-15-0	Carbon Disulfide	50	580	U
56-23-5	Carbon tetrachloride	50	290	U
108-90-7	Chlorobenzene	50	290	U
75-00-3	Chloroethane	50	580	U
67-66-3	Chloroform	50	290	U
74-87-3	Chloromethane	50	580	U
156-59-2	cis-1,2-Dichloroethene	50	290	U
10061-01-5	cis-1,3-Dichloropropene	50	290	U
124-48-1	Dibromochloromethane	50	290	U
100-41-4	Ethylbenzene	50	290	U
179601-23-1	m,p-Xylene	50	290	U
75-09-2	Methylene chloride	50	1200	U
1634-04-4	Methyl-t-Butyl Ether	50	290	U
95-47-6	o-Xylene	50	290	U
100-42-5	Styrene	50	290	U
127-18-4	Tetrachloroethene	50	780	D
108-88-3	Toluene	50	290	U
156-60-5	trans-1,2-Dichloroethene	50	290	U
10061-02-6	trans-1,3-Dichloropropene	50	290	U
79-01-6	Trichloroethene	50	290	U
25323-30-2	Total 1,2-Dichloroethene	50	580	U
75-69-4	Trichlorofluoromethane	50	580	U

4/26/11

ORGANIC ANALYSIS DATA SHEET
SW-846 8260B

SDC-GP-11-2'

Laboratory:	Microbac Laboratories, Inc. - Chicagoland		SDG:	11D0311	
Client:	Oneida Total Integrated Enterprises		Project:	Little Chute WI	
Matrix:	Solid	Laboratory ID:	11D0311-14	File ID:	A040822.D
Sampled:	04/07/11 09:20	Prepared:	04/08/11 08:00	Analyzed:	04/08/11 19:20
Solids:	81.55	Preparation:	8260_5035_SB_PR	Initial/Final:	5.28 g / 5 ml
Batch:	B013346	Sequence: S004809		Calibration:	UNASSIGNED Instrument: VOA-1

CAS NO.	COMPOUND	DILUTION	CONC. (µg/Kg dry)	Q
108-05-4	Vinyl Acetate	50	580	U
75-01-4	Vinyl chloride	50	580	U
1330-20-7T	Total Xylenes	50	290	U

* Values outside of QC limits

AZD 5/20/11

ORGANIC ANALYSIS DATA SHEET

SW-846 8260B

SDC-GP-12-0.5'

Laboratory:	Microbac Laboratories, Inc. - Chicagoland			SDG:	11D0311
Client:	Oneida Total Integrated Enterprises			Project:	Little Chute WI
Matrix:	Solid	Laboratory ID:	11D0311-15	File ID:	A040810.D
Sampled:	04/07/11 09:45	Prepared:	04/08/11 08:00	Analyzed:	04/08/11 12:57
Solids:	80.33	Preparation:	8260_5035_SB_PR	Initial/Final:	3.66 g / 5 ml
Batch:	B013346	Sequence:	S004809	Calibration:	UNASSIGNED
Instrument:	VOA-1				

CAS NO.	COMPOUND	DILUTION	CONC. (µg/Kg dry)	Q
630-20-6	1,1,1,2-Tetrachloroethane	50	110	JD
71-55-6	1,1,1-Trichloroethane	50	430	U
79-34-5	1,1,2,2-Tetrachloroethane	50	430	U
79-00-5	1,1,2-Trichloroethane	50	430	U
75-34-3	1,1-Dichloroethane	50	430	U
75-35-4	1,1-Dichloroethene	50	430	U
107-06-2	1,2-Dichloroethane	50	430	U
78-87-5	1,2-Dichloropropane	50	430	U
78-93-3	2-Butanone	50	850	U
591-78-6	2-Hexanone	50	430	U
108-10-1	4-Methyl-2-Pentanone	50	430	U
67-64-1	Acetone	50	4300	U
107-02-8	Acrolein	50	8500	U
107-13-1	Acrylonitrile	50	8500	U
71-43-2	Benzene	50	430	U
75-27-4	Bromodichloromethane	50	430	U
75-25-2	Bromoform	50	430	U
74-83-9	Bromomethane	50	850	U
75-15-0	Carbon Disulfide	50	850	U
56-23-5	Carbon tetrachloride	50	430	U
108-90-7	Chlorobenzene	50	430	U
75-00-3	Chloroethane	50	850	U
67-66-3	Chloroform	50	430	U
74-87-3	Chloromethane	50	850	U
156-59-2	cis-1,2-Dichloroethene	50	430	U
10061-01-5	cis-1,3-Dichloropropene	50	430	U
124-48-1	Dibromochloromethane	50	430	U
100-41-4	Ethylbenzene	50	430	U
179601-23-1	m,p-Xylene	50	430	U
75-09-2	Methylene chloride	50	1700	U
1634-04-4	Methyl-t-Butyl Ether	50	430	U
95-47-6	o-Xylene	50	430	U
100-42-5	Styrene	50	430	U
108-88-3	Toluene	50	430	U
156-60-5	trans-1,2-Dichloroethene	50	430	U
10061-02-6	trans-1,3-Dichloropropene	50	430	U
79-01-6	Trichloroethene	50	810	D
25323-30-2	Total 1,2-Dichloroethene	50	850	U
75-69-4	Trichlorofluoromethane	50	850	U
108-05-4	Vinyl Acetate	50	850	U

ORGANIC ANALYSIS DATA SHEET

SW-846 8260B

SDC-GP-12-0.5'

Laboratory:	Microbac Laboratories, Inc. - Chicagoland			SDG:	11D0311
Client:	Oneida Total Integrated Enterprises			Project:	Little Chute WI
Matrix:	Solid	Laboratory ID:	11D0311-15	File ID:	A040810.D
Sampled:	04/07/11 09:45	Prepared:	04/08/11 08:00	Analyzed:	04/08/11 12:57
Solids:	80.33	Preparation:	8260_5035_SB_PR	Initial/Final:	3.66 g / 5 ml
Batch:	B013346	Sequence:	S004809	Calibration:	UNASSIGNED
Instrument:	VOA-1				

CAS NO.	COMPOUND	DILUTION	CONC. (µg/Kg dry)	Q
75-01-4	Vinyl chloride	50	850	U
1330-20-7T	Total Xylenes	50	430	U

* Values outside of QC limits

4/20/11

ORGANIC ANALYSIS DATA SHEET

SW-846 8260B

SDC-GP-12-0.5'

Laboratory:	Microbac Laboratories, Inc. - Chicagoland		SDG:	11D0311	
Client:	Oneida Total Integrated Enterprises		Project:	Little Chute WI	
Matrix:	Solid	Laboratory ID:	11D0311-15RE1	File ID:	A040826.D
Sampled:	04/07/11 09:45	Prepared:	04/08/11 08:00	Analyzed:	04/08/11 21:23
Solids:	80.33	Preparation:	8260_5035_SB_PR	Initial/Final:	3.66 g / 5 ml
Batch:	B013346	Sequence: S004809		Calibration: UNASSIGNED	Instrument: VOA-1

CAS NO.	COMPOUND	DILUTION	CONC. (µg/Kg dry)	Q
127-18-4	Tetrachloroethene	10000	810000	D

* Values outside of QC limits

ayd 5/20/11

APPENDIX C

SOIL-GAS SAMPLING SOP

(16 Pages)

Response Engineering and Analytical Contract

STANDARD OPERATING PROCEDURES

CONSTRUCTION AND INSTALLATION OF PERMANENT SUB-SLAB SOIL GAS WELLS

CONTENTS

CONSTRUCTION AND INSTALLATION OF PERMANENT SUB-SLAB SOIL GAS WELLS

1.0 SCOPE AND APPLICATION

This standard operating procedure (SOP) outlines the procedure used for the construction and installation of permanent sub-slab soil gas wells. The wells are used to sample the gas contained in the interstitial spaces beneath the concrete floor slab of dwellings and other structures.

Soil gas monitoring provides a quick means of detecting volatile organic compounds (VOCs) in the soil subsurface. Using this method, underground VOC contamination can be identified and the source, extent and movement of pollutants can be traced.

2.0 METHOD SUMMARY

Using an electric Hammer Drill or Rotary Hammer, an inner or pilot hole is drilled into the concrete slab to a depth of approximately 2" with the ⅜" diameter drill bit. Using the pilot hole as the center, an outer hole is drilled to an approximate depth of 1⅜ " using the 1" diameter drill bit. The 1" diameter drill bit is then replaced with the ⅜" drill bit. The pilot hole is drilled through the slab and several inches into the sub-slab material. Once drilling is completed, a stainless steel probe is assembled and inserted into the pre-drilled hole. The probe is mounted flush with the surrounding slab so it will not interfere with pedestrian or vehicular traffic and cemented into place. A length of Teflon® tubing is attached to the probe assembly and to a sample container or system.

3.0 SAMPLE PRESERVATION, CONTAINERS, HANDLING AND STORAGE

3.1 SUMMA® Canister Sampling

After the sub-slab soil gas sample is collected, the canister valve is closed, an identification tag is attached to the canister and the canister is transported to a laboratory under chain of custody for analysis. Upon receipt at the laboratory, the data documented on the canister tag is recorded. Sample holding times are compound dependent, but most VOCs can be recovered from the canister under normal conditions near the original concentration for up to 30 days. Refer to REAC SOP #1704, *SUMMA Canister Sampling* for more details.

3.2 Tedlar® Bag Sampling

Tedlar® bags most commonly used for sampling have a 1-liter volume capacity. After sampling, the Tedlar® bags are stored in either a clean cooler or an opaque plastic bag at ambient temperature to prevent photodegradation. It is essential that sample analysis be undertaken within 24 to 48 hours following sample collection since VOCs may escape or become altered. Refer to REAC SOP #2102, *Tedlar® Bag Sampling* for more details.

4.0 INTERFERENCES AND POTENTIAL PROBLEMS

The thickness of a concrete slab may vary from structure to structure. A structure may also have a single slab where the thickness varies. A slab may contain steel reinforcement (REBAR). Drill bits of various sizes and cutting ability will be required to penetrate slabs of varying thicknesses or those that are steel-reinforced.

5.0 EQUIPMENT/APPARATUS

- Hammer Drill or Rotary Hammer
- Alternating current (AC) extension cord
- AC generator, if AC power is not available on site
- Hammer or Rotary Hammer drill bit, ⅜"diameter
- Hammer or Rotary Hammer drill bit, 1"diameter
- Portable vacuum cleaner
- 1 - ¾" open end wrench or 1-medium adjustable wrench
- 2 - 9/16" open end wrenches or 2-small adjustable wrenches
- Hex head wrench, ¼"
- Tubing cutter
- Disposable cups, 5 ounce (oz)
- Disposable mixing device (i.e., popsicle stick, tongue depressor, etc.)
- Swagelok® SS-400-7-4 Female Connector, ¼" National Pipe Thread (NPT) to ¼" Swagelok® connector
- Swagelok® SS-400-1-4 Male Connector, ¼"NPT to ¼" Swagelok® connector
- ¼" NPT flush mount hex socket plug, Teflon®-coated
- ¼" outer diameter (OD) stainless steel tubing, pre-cleaned, instrument grade
- ¼" OD Teflon® tubing
- Teflon® thread tape
- ⅛″OD stainless steel rod, 12″ to 24″ length
- Swagelok Tee, optional (SS-400-3-4TMT or SS-400-3-4TTM)

6.0 REAGENTS

- Tap water, for mixing anchoring cement
- Anchoring cement
- Modeling clay

7.0 PROCEDURES

7.1 Probe Assembly and Installation

1. Drill a ⅜" diameter inner or pilot hole to a depth of 2" (Figure 1, Appendix A).

2. Using the ⅜" pilot hole as your center, drill a 1" diameter outer hole to a depth of 1 ⅜". Vacuum out any cuttings from the hole (Figure 2, Appendix A).

3. Continue drilling the ⅜ inner or pilot hole through the slab and a few inches into the sub-slab material (Figure 3, Appendix A). Vacuum out any cuttings from the outer hole.

4. Determine the length of stainless steel tubing required to reach from the bottom of the outer hole, through the slab and into the open cavity below the slab. To avoid obstruction of the probe tube, ensure that it does not contact the sub-slab material. Using a tube cutter, cut the tubing to the desired length.

5. Attach the measured length (typically 12″) of ¼" OD stainless tubing to the female connector (SS-400-7-4) with the Swagelok® nut. Tighten the nut.

6. Insert the ¼" hex socket plug into the female connector. Tighten the plug. **Do not over tighten**. If excessive force is required to remove the plug during the sample set up phase, the probe may break loose from the anchoring cement.

7. Place a small amount of modeling clay around the stainless steel tubing adjacent to the Swaglok® nut, which connects the stainless steel tubing to the female connector. Use a sufficient amount of modeling clay so that the completed probe, when placed in the outer hole, will create a seal between the outer hole and the inner hole. The clay seal will prevent any anchoring cement from flowing into the inner hole during the final step of probe installation.

8. Place the completed probe into the outer hole. The probe tubing should not contact the sub-slab material and the top of the female connector should be flush with the surface of the slab and centered in the outer hole (Figure 4, Appendix A). If the top of the completed probe is not flush with the surface of the slab, due to the outer hole depth being greater than 1 ⅜", additional modeling clay may be placed around the stainless steel tubing adjacent to the Swaglok® nut, which connects the stainless steel tubing to the female connector. Use a sufficient amount of clay to raise the probe until it is flush with the surface of the slab while ensuring that a portion of the clay will still contact and seal the inner hole.

9. Mix a small amount of the anchoring cement. Fill the space between the probe and the outside of the outer hole. Allow the cement to cure according to manufacturers instructions before sampling.

7.2 Sampling Set-Up

1. Wrap one layer of Teflon® thread tape onto the NPT end of the male connector (SS-400-1-4). Refer to Figure 5, Appendix A.

2. Remove the ¼" hex socket plug from the female connector (SS-400-7-4). Refer to Section 7.3 if the probe breaks loose from the anchoring cement during this step.

3. To ensure that the well has not been blocked by the collapse of the inner hole below the end of the stainless steel tubing, a stainless steel rod, ⅛″diameter, may be passed through the female connector and the stainless steel tubing. The rod should pass freely to a depth greater than the length of the stainless steel tubing, indicating an open space or loosely packed soil below the end of the stainless steel tubing. Either condition should allow a soil gas sample to be collected.

   If the well appears blocked, the stainless steel rod may be used as a ramrod in an attempt to open the well. If the well cannot be opened, the probe should be reinstalled or a new probe installed in an alternate location.

4. Screw and tighten the male connector (SS-400-1-4) into the female connector (SS-400-7-4). **Do not over tighten**. This may cause the probe to break loose from the anchoring cement during this step or when the male connector is removed upon completion of the sampling event. Refer to Section 7.3 if the probe breaks loose from the anchoring cement during this step.

5. If a collocated sub-slab sample or split sample is desired, a stainless steel Swagelok Tee (SS-400-3-4TMT or SS-400-3-4TTM) may be used in place of the Swagelok male connector (SS-400-1-4).

6. Attach a length of ¼"OD Teflon® tubing to the male connector with a Swagelok® nut. The Teflon® tubing is then connected to the sampling container or system to be used for sample collection.

7. After sample collection remove the male connector from the probe and reinstall the hex socket plug. **Do not over tighten** the hex socket plug. If excessive force is required to remove the plug during the next sampling event the probe may break loose from the

anchoring cement. Refer to Section 7.3 if the probe breaks loose from the anchoring cement during this step.

7.3 Repairing a Loose Probe

1. If the probe breaks loose from the anchoring cement while removing or installing the hex head plug or the male connector (SS-400-1-4), lift the probe slightly above the surface of the concrete slab.

2. Hold the female connector (SS-400-7-4) with the ¾" open end wrench.

3. Complete the step being taken during which the probe broke loose, following the instructions contained in this SOP (i.e., **Do not over tighten** the hex socket plug or male connector).

4. Push the probe back down into place and reapply the anchoring cement.

5. Modeling clay may be used as a temporary patch to effect a seal around the probe until the anchoring cement can be reapplied.

8.0 CALCULATIONS

This section is not applicable to this SOP.

9.0 QUALITY ASSURANCE/QUALITY CONTROL

An additional collocated soil gas well is installed with the frequency of 10 percent (%) or as specified in the site-specific Quality Assurance Project Plan (QAPP). The following general Quality Assurance (QA) procedures apply:

1. A rough sketch of the area is drawn where the ports are installed with the major areas noted on the sketch. This information may be transferred to graphing software for incorporation into the final deliverable.

2. A global positioning system (GPS) unit may be used to document coordinates outside of a structure as a reference point.

3. Equipment used for the installation of sampling ports should be cleaned by heating, inspected and tested prior to deployment.

10.0 DATA VALIDATION

This section is not applicable to this SOP.

11.0 HEALTH AND SAFETY

When working with potentially hazardous materials, follow Environmental Protection Agency (EPA), Occupational Safety and Health Administration (OSHA) and Lockheed Martin corporate health and safety procedures. All site activities should be documented in the site-specific health and safety plan (HASP).

12.0 REFERENCES

This section is not applicable to this SOP.

13.0 APPENDICES

A - Figures

APPENDIX A
Soil Gas Installation Figures
SOP #2082
March 2007

FIGURE 1

INNER or PILOT HOLE

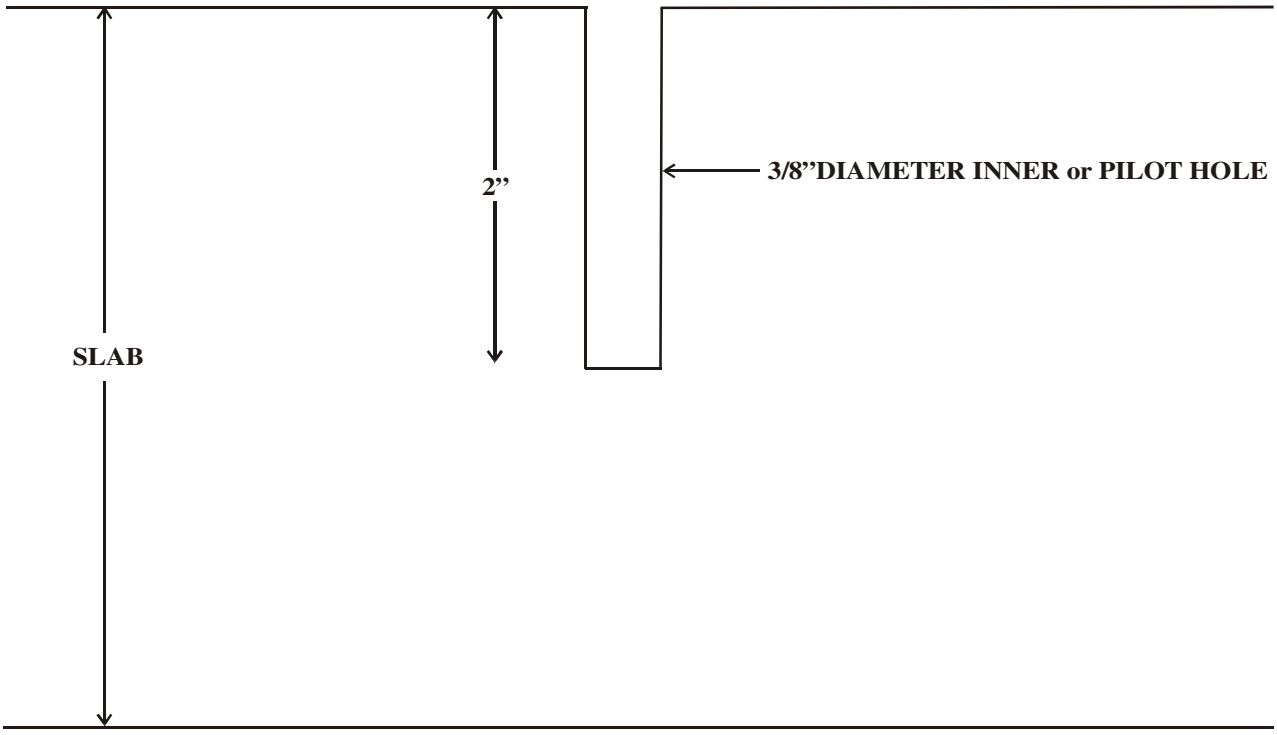


FIGURE 2

OUTER HOLE

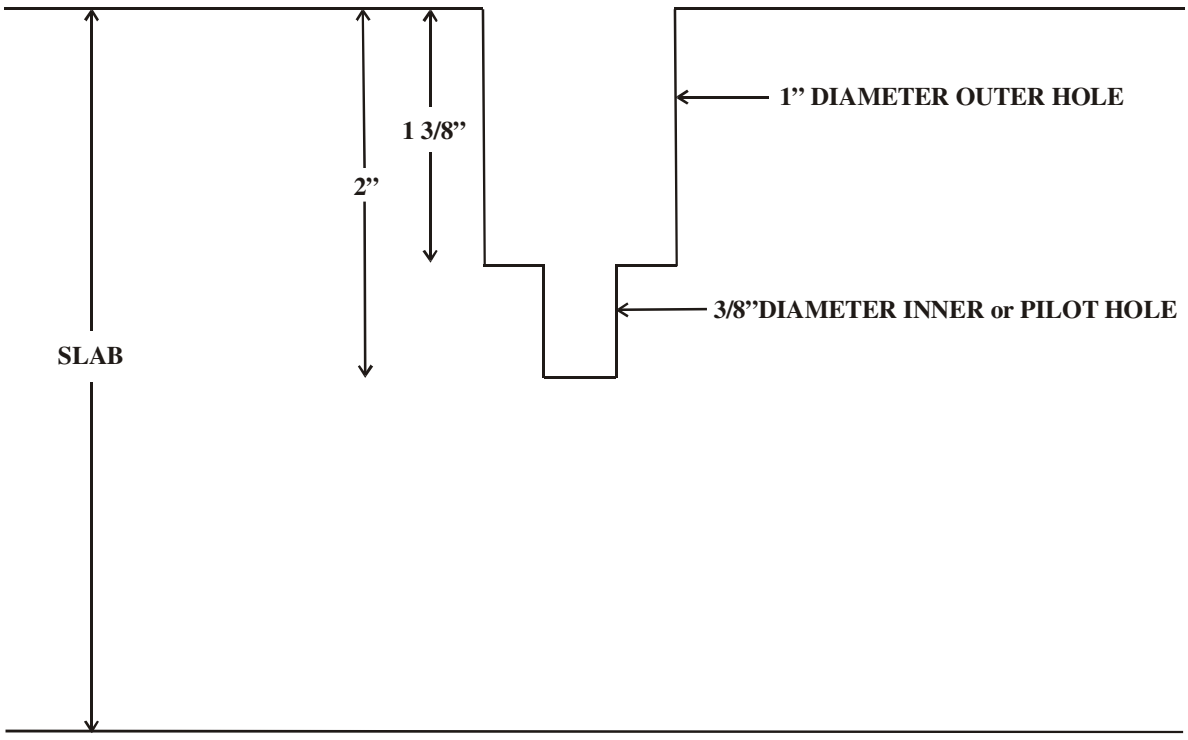


FIGURE 3

COMPLETED HOLE PRIOR to PROBE INSTALLATION

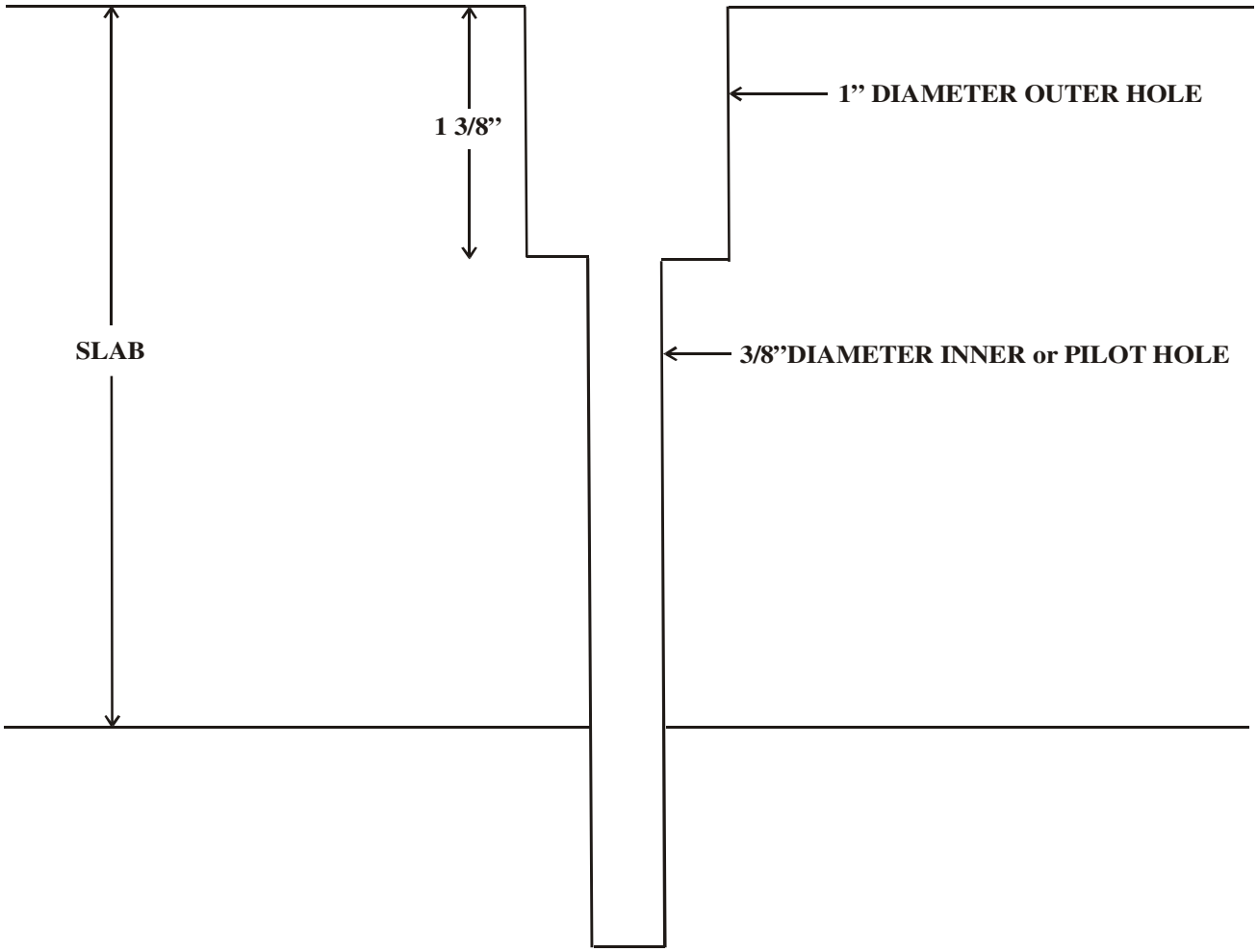


FIGURE 4

SOIL GAS PROBE INSTALLED

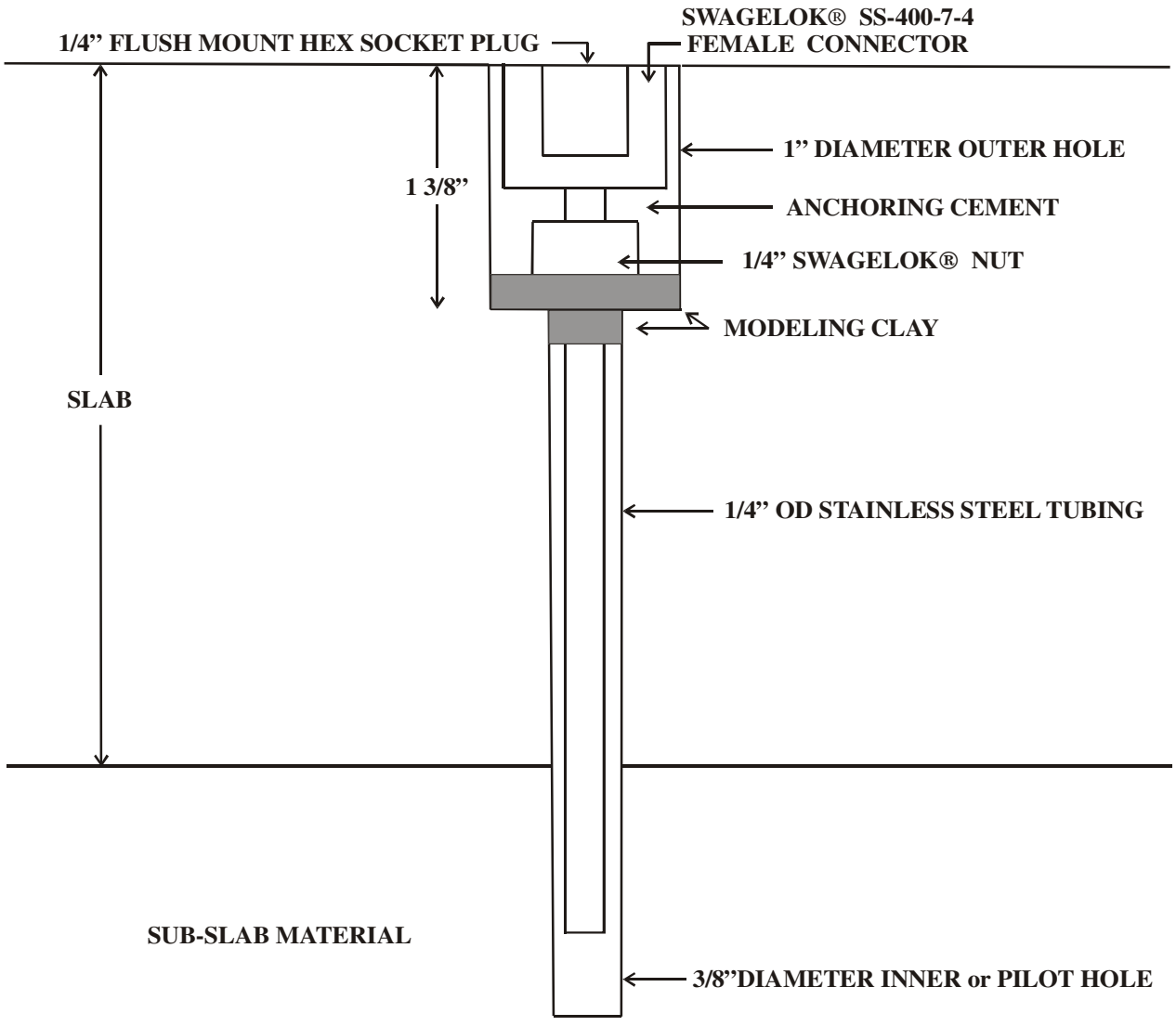


FIGURE 5

SOIL GAS PROBE PREPARED
FOR SAMPLING

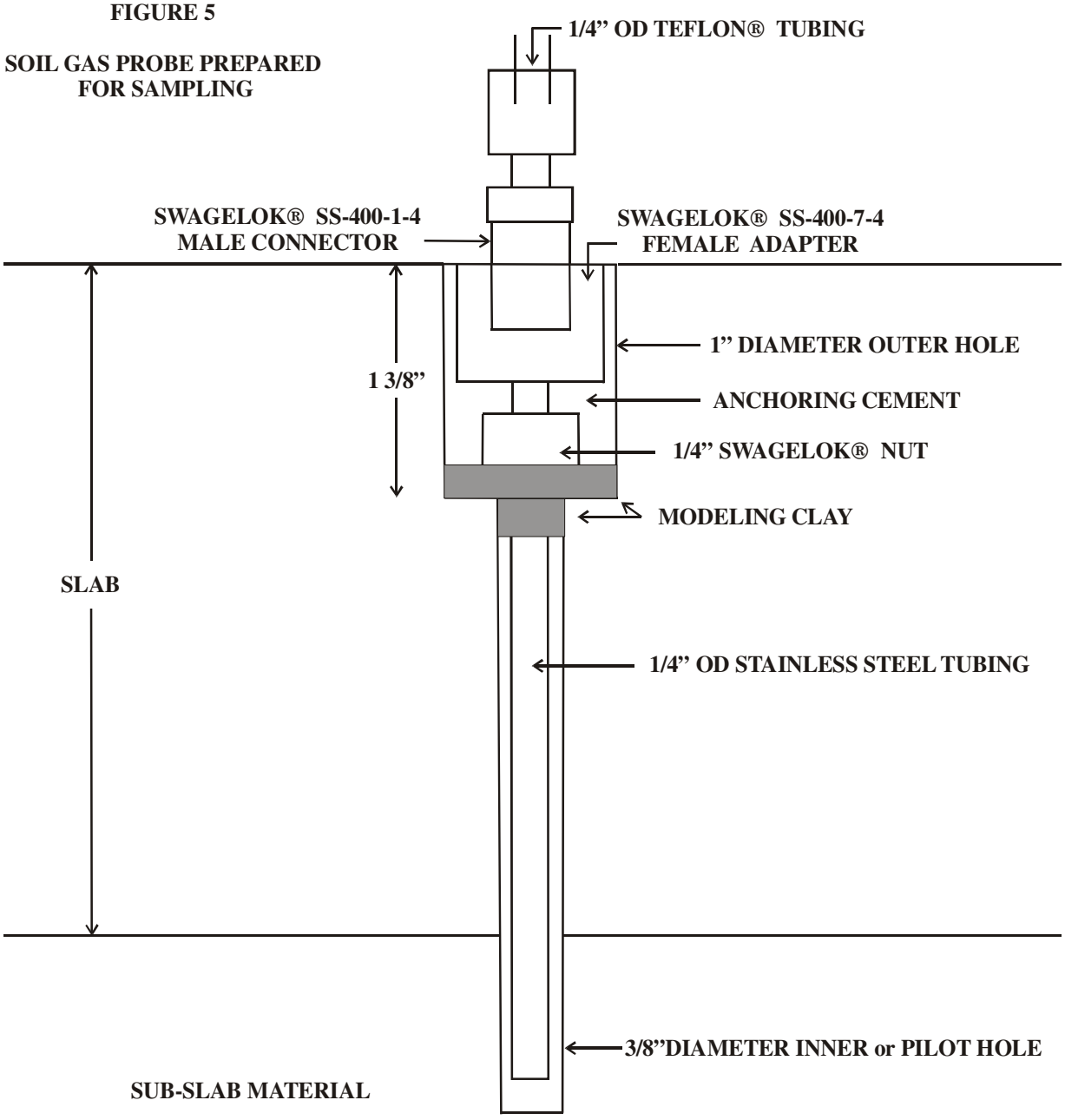
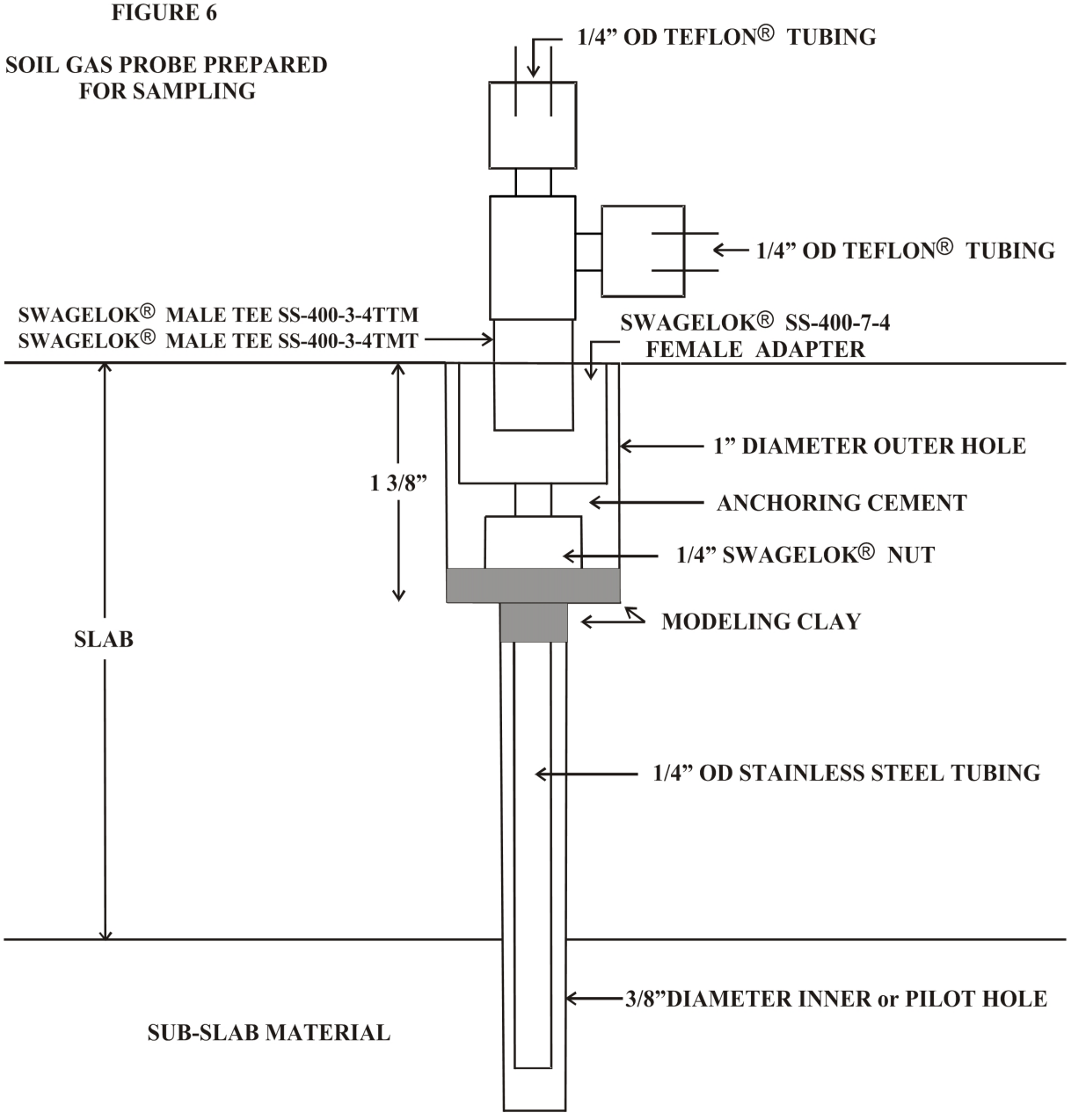


FIGURE 6

SOIL GAS PROBE PREPARED FOR SAMPLING



Sample Log
[Add Site Name]
[Add City, County, State]

Address: _____

Owner's Name: _____

Telephone No: _____

Occupant's Name (if tenant): _____

Telephone No: _____

Is resident living in basement? **YES** ☐ **NO** ☐

Sub-Slab Sample:

Start Date/Time	Barometric Pressure	Outside Temp	Vacuum at Start	Sample ID#	ppbRAE VOC Conc.	SUMMA Canister ID	Regulator ID

End Date/Time	Vacuum at End	Location of Sub-Slab Sample

Indoor Air Sample:

Start Date/Time	Barometric Pressure	Outside Temp	Vacuum at Start	Sample ID#	ppbRAE VOC Conc.	SUMMA Canister ID	Regulator ID

End Date/Time	Vacuum at End	Location of Indoor Air Sample

PICTURES TO BE TAKEN:

Inside basement (all 4 directions) **YES** ☐ **NO** ☐

Sub-slab sample **YES** ☐ **NO** ☐

Indoor air sample **YES** ☐ **NO** ☐

Outside of residence (all 4 directions) **YES** ☐ **NO** ☐

IF HOUSE HAS A VAPOR ABATEMENT SYSTEM:

U-Tube Manometer (inches water column) _____ (ideal is greater than 1)

Vacuum Reading (inches water column) _____ at location _____

Vacuum Reading (inches water column) _____ at location _____

Vacuum Reading (inches water column) _____ at location _____

(ideal digital manometer vacuum reading is at least 0.01)

TYPE OF AIR SAMPLING ☐ **Initial** ☐ __**-day post mitigation** ☐ __**-day post mitigation** ☐ **Quarterly Sample**

Other_____

Comments:

_____

_____

_____

APPENDIX D

SOIL BORING LOG

(12 Pages)

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☑ Other ☐ _____

Page 1 of 12

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Sandies Dry Cleaner 20101011502		SDC-GP-1

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Adam Last Name: Sweet Firm: Morgane Environmental	04/06/2011 (mm dd yyyy)	04/06/2011 (mm dd yyyy)	Direct Push

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	2.25 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E
NW 1/4 of SE 1/4 of Section 21, T 21 N, R 18E

Lat ° ' "
Long ° ' "

Local Grid Location ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
SDC	Outagamie		Little Chute WI

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	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			2 4	Recovered 2 Feet Fill 6", Silty Clay 6"-2' Light Brown material, moist at the end.				0.2						
2			6 8 10	Light Brown/redish material 5' recovered, silty, little bit of clay at top. Clay at the bottom to 10'.				0.1						4' Temp. well screened 9'
3			12 14	5ft recovered. light Brown to red clay at the top, Dark Brown at bottom, Little wet/moist				0.05						
4			16 18 20	2' recovery, very moist at end of the liner. Dark brown clay at bottom.				0.0						

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

Signature _____ Firm OTIE

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 used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

Loc Desc. North of weeries still by Strip of grass.
PID Screened @ 0.5-1.0' intervals.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Sandies Dry Cleaner 20101011502		SDC-GP-2

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Adam Last Name: Sweet Firm: Moraine Environmental	04/06/2011 (m m d d y y y y)	04/06/2011 (m m d d y y y y)	Direct Push

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
_ _ _ _ _ _ _	_ _ _ _		_____ Feet MSL	_____ Feet MSL	2.25 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E
NW 1/4 of SE 1/4 of Section 21, T 21 N, R 18E
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
SDC	Outagamie	_ _ _	Little Chute, WI

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	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			2 4	Fill - gravel - Dark gray 1/2" gravel pieces - 6" light brown clay, 6"-12"/ 12"-5' - Silty clay - light brown moist from 3'-5'				0.05						4'
2			6 8 10	5 Foot recovery. Moist from 5'-6'. 6'-10' Light brown to redish clay & dry. 10'-11' moist silty, 0.5' gravel				0.05						Temp. well screened 9'
3			12 14	11'-15' Light Brown to redish clay				0.05						
			16											

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

Signature _____ Firm OTIE

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 used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

Loc Desc: Well Location/Back of Sandies in lot.
Well installed 0-4' - riser
4'-9' - Screen
9'-14' - riser.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Sandie's Dry Cleaners 20101101-1502		SDC-GP-3

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Adam Last Name: Sweet Firm: Moraine Environmental	04/06/2011 (mm/dd/yyyy)	04/06/2011 (mm/dd/yyyy)	Direct Push

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
_ _ _ _ _ _	_ _ _ _		_____ Feet MSL	_____ Feet MSL	2.25 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E
NW 1/4 of SE 1/4 of Section 21, T 21 N, R 18 E

Lat ° ' "
Long ° ' "

Local Grid Location
_____ Feet ☐ N ☐ S _____ Feet ☐ E ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
SDC	Outagamie	_ _ _	Little Chute, WI

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	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			2 4	3.5' recovered, 1.5'-2.5' dark fill w/ gravel. Sheen at 2.5'. 2.5'-5'-Silt 2.5'-3.5' - Dark Color 3.5'-5' - Light Brown.				0.05						
2			6 8	5' recovery, Silty clay Light Brown upto 6.5' after 6.5'-Silt - Light Brown				0.05						
3			10 12 14	2' recovered, 10'-11' Silt, 11'-12' - moist Silty Clay materials. Stopped at 12'				0.05						
			16											

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

Signature _____ Firm OTIE

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 used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

Loc Desc: Backyard of Weenies Still by walkway to backdoor.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Sandies Dry Cleaners 200101 - 1502		SDC - GP-4

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Adam Last Name: Sweet Firm: Moraine Environmental	04/06/2011 (mm/dd/yyyy)	04/06/2011 (mm/dd/yyyy)	Direct Push

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			_____ Feet MSL	_____ Feet MSL	2.25 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐	Lat ° ' "	Local Grid Location
State Plane _____ N, _____ E	Long ° ' "	☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W
NW 1/4 of SE 1/4 of Section 21, T 21 N, R 18E		

Facility ID	County	County Code	Civil Town/City/ or Village
SDC	Outagamie		Little Chute, WI

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	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
			2	4' Recovery Dark fill w/gravel 1.5ft				1.5						
			4	1.5' - 5' Silt Reddish Brown to light Brown wet 4' - 5'										
			6	5' Recovery wet 5' - 6' Silt - Reddish to Light Brown				1.5						
			8	6' - 10' Light Brown Clay w some Silt.										
			10	4' Recovery wet 11' - 14'										
			12	11' - 14' - Silty clay, light Brown				2.0						
			14	14' - 15' - Clay - Darker brown										
			16	Stopped @ 15'										

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

Signature	Firm
	OTIE

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 used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

Loc Desc: On border of City's prop & Sandies near alley.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Sandia Dry Cleaners		SDC-GP-5

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Adam Last Name: Sweet Firm: Moraine Environmental	04/06/2011 (mm dd yyyy)	04/06/2011 (mm dd yyyy)	Direct Push

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
_ _ _ _ _ _ _	_ _ _ _		_____ Feet MSL	_____ Feet MSL	_____ inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E
NW 1/4 of SE 1/4 of Section 21, T 21 N, R 18E

Lat ° ' "
Long ° ' "

Local Grid Location ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
SDC	Outagamie		Little Chute, WI

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	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
			2	3 feet Recovered 1-2 ft Dark Brownish/Black gravel/Fill. 2-3 Ft Light Brownish Red Silt				1.5						
			4											
			6	5 Ft recovered 5'-6' Silt Light Brown 6'-10' redish Brown Clay				1.5						
			8											
			10	5' recovered 10-14' - wet, Silty Clay - light Brown				1.5						
			12											
			14	14'-15' - Light Brown hard Clay.										
			16	Stopped @ 15'										

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

Signature	Firm
	OTIE

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 used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

Desc: Border of weeded Still, near alley, on west side of garage.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Sundies Dry Cleaners		SDC-GP-6

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Adam Last Name: Sweet Firm: Moraine Environmental	04/06/2011 (m m d d y y y y)	04/06/2011 (m m d d y y y y)	Direct push

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			_____ Feet MSL	_____ Feet MSL	_____ inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E
NW 1/4 of SE 1/4 of Section 21, T 21 N, R 18E

Lat ° ' "
Long ° ' "

Local Grid Location ☐ N _____ Feet ☐ S ☐ E _____ Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
SDC	Outagamie		Little Chute, WI

Sample Number and Type	Sample Length Att. & Recovered (in)	Sample Blow Counts	Depth in Feet (Below ground surface)	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
			2	3' recovered 1'-2.5' Dark soil/gravel				0.5						
			4	2.5' - Perched water zone 2.5'-3' Dark Brown Silt										
			6	5' recovered 5'-6' Silty clay - light Brown.				0.5						
			8	6'-10' Light Brown - redish clay.										
			10	5' recovered First ground water 13'										
			12	10-11' - Dark Brown moist clay.				2.1 @ 13'						
			14	11'-13.5' Light Brown wet Silty clay.				6.0 @ 14'						
				13.5'-15' hard red-Brown Clay										
			16	Stopped @ 15'										

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

Signature	Firm

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Sandies Dry Cleaners		SDC-GP-7

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Adam Last Name: Sweet Firm: Moraine Environmental	04/06/2011 (m m d d y y y y)	04/06/2011 (m m d d y y y y)	Direct Push

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			____ Feet MSL	____ Feet MSL	____ inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E
NW 1/4 of SE 1/4 of Section 21, T 21 N, R 18 E
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N ☐ E ____ Feet ☐ S ____ Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
SDC	Outagamie		Little Chute, WI

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	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
			2	2' recovered. 0'-1' Top Surface layer gravel				0.2						
			4	1'-2' perch zone dark-reddish brown silty clay				0.4						
			6	4' recovered 5'-6' Brown Silty Clay				0.0						
			8	6'-10' hard clay-light Brown										
			10	5' recovered										
			12	10'-15' moist hard light Brown clay				0.0						
			14											
			16	Stopped @ 15'										

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

Signature _____ Firm OTIE

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 used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

Sandies In back of Boiler room (outside west wall) near tube in the ground.
People reported Dumping here.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Sandies Dry Cleaners		SDC - GP - 8

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Adam Last Name: Sweet Firm: Moraine Environmental	04/06/2011 (m m d d y y y y)	04/06/2011 (m m d d y y y y)	Direct Push

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	2.25 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐	Lat/Long	Local Grid Location
State Plane _____ N, _____ E NW 1/4 of SE 1/4 of Section 21, T 21 N, R 18E	Lat ° ' " Long ° ' "	☐ N ☐ E Feet ☐ S Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
SDC	Outagamie		Little Chute, WI

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	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
				0'-1' 15.0 PID 1'-2' 7.4 PID 2'-3' 1.1 PID 3'-4' 0.6 " " 4'-5' 0.1 " " 5'-6' 0.1 " " 6'-7' 0.0 " " 7'-8' 0.0 " "										
			2	0'-2'-Silty gravel - Dark Brown 6-7' Void detected below Concrete Slab.										
			4	Brown Silty Material 2'-4'										
			6	4'-6' Perched GW. Light Brown Silty clay. More Silt than clay										
			8	6'-8' Light Brown Silt w/ Little clay. Moist at 6'-6.5'										

4'
Temp. well screen
8'

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

Signature: _____ Firm: OTIE

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 used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

Loc Desc: Inside Sandies, In Front of washing machine.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Sandie's Dry Cleaners		SDC-GP-9

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Adam Last Name: Sweet Firm: Moraine Environmental	04/07/2011 (m m d d y y y y)	04/07/2011 (m m d d y y y y)	Direct Push

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
_ _ _ _ _ _	_ _ _ _		_____ Feet MSL	_____ Feet MSL	2.25 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E
NW 1/4 of SE 1/4 of Section 21, T 21 N, R 18E

Lat ° ' "
Long ° ' "

Local Grid Location
☐ N ☐ E
_____ Feet ☐ S _____ Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
SDC	Outagamie	_ _ _	Little Chute, WI

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	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
			2	1 Feet Recovered 6" Fill w/ gravel 6" Silt-Light Brown				0.0						
			4	2 Feet Recovered Light Brown Silt				0.0						
			6	1.5 Feet Recovered Begins getting wet at 5'				0.0						
				Stopped @ 6 ft.										

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

Signature _____ Firm OTIE

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 used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

Loc Desc. Room East of Washroom near adjoining wall to Warnics Still
Sample @ 5'

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

Facility/Project Name: Sandias Dry Cleaners	License/Permit/Monitoring Number	Boring Number: SDC-~~GP~~ GP-10	
Boring Drilled By: Name of crew chief (first, last) and Firm — First Name: Adam Last Name: Sweet; Firm: Moraine Environmental	Date Drilling Started: 04/07/2011 (mm/dd/yyyy)	Date Drilling Completed: 04/07/2011 (mm/dd/yyyy)	Drilling Method: Direct Push
WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level: ____ Feet MSL	Surface Elevation: ____ Feet MSL	Borehole Diameter: 2.5 inches
Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐ State Plane ____ N, ____ E	Lat ° ' "	Local Grid Location: ☐ N ____ Feet ☐ E ☐ S ____ Feet ☐ W
NW 1/4 of SE 1/4 of Section 21, T 21 N, R 18E	Long ° ' "	
Facility ID: SDC	County: Outagamie	County Code: ____	Civil Town/City/ or Village: Little Chute, WI

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	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
			2	0.5 feet recovered Top 2" - Sandy Silt, 6" of clay				0.0						
			4	2ft recovered 6" of Sandy fill material 6" of grayish Brown Sandy Silt. 1" Brownish Black Silt.				0.0						
				* Layers were interesting and well defined										

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

Signature: _____ Firm: OTIE

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 used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

Loc Desc. In main room of SDC under the stairs.
PID @ 6" Intervals = 0.
* Note! Interesting Soil Layers.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Sandies Dry Cleaners		SDC-GP-11

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Adam Last Name: Sweet Firm: Mercon Environmental	04/07/2011 (m m d d y y y y)	04/07/2011 (m m d d y y y y)	Direct Push

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
_ _ _ _ _ _	_ _ _ _		_____ Feet MSL	_____ Feet MSL	_____ inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E
NW 1/4 of SE 1/4 of Section 21, T 21 N, R 18E

Lat ° ' "
Long ° ' "

Local Grid Location ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W

Facility ID	County	County Code	Civil Town/City/or Village
SDC	Outagamie		Little Chute, WI

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	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
			2	1.5' recovered. 0-1.5' Sand				0.0						
			4	2' recovered 1.5'-2' - Sand 1" moist light Brown Silt				0.0						
			6	2' recovered 2" - Sandy Silt 6" moist Light Brown Silt 6" Light Brown Moist Silty Clay. * Note well defined Layers.				0.0						

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

Signature _____ Firm OTIE

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 used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

Loc Desc, Boiler room
* Note interesting Soil Layers.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Sandies Dry Cleaners		SDC-GP-12

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Adam Last Name: Sweet Firm: Moraine Environmental	04/07/2011 (mm dd yyyy)	04/07/2011 (mm dd yyyy)	Direct Push

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			_____ Feet MSL	_____ Feet MSL	_____ inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E
NW 1/4 of SE 1/4 of Section 21, T 21 N, R 18E
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
SDC	Outagamie		Little Chute, WI

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	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
				2" Recovered										
			2	~~0-1"~~ Top 6" - Dark gray, gray, ~~1-2"~~ ash material. 6"-2' - Dark gray Silt				5.0 Top inch 2.6 Bottom inch						
			4	2" recovered 6"-2' - dark gray silt 2'-3.5' Light Brown Material Silty w/ Clay				0.7 (2"-3') 0.5 (3'-4')						
			6	3.5'-4.5' - moist perched water, Silty clay, very soft 4.5'-6' - more clay than Silt - hard.				0.2 (4'-5') 0.1 (5'-6')						
				~~PID Readings~~ ~~Top~~										

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

Signature	Firm
	OTIE

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 used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

Loc. Desc. Extra Loc. in Wash room. Behind washers

APPENDIX E

WDHS RESULT LETTERS

(28 Pages)

Scott Walker
Governor

Dennis G. Smith
Secretary

State of Wisconsin

Department of Health Services

DIVISION OF PUBLIC HEALTH

1 WEST WILSON STREET
P O BOX 2659
MADISON WI 53701-2659

608-266-1251
FAX: 608-267-2832
TTY: 888-701-1253
dhs.wisconsin.gov

March 25, 2011

Shane Jentz
Lisa Peeters
Weenies Still, LLC
515 Grand Ave
Little Chute, WI 54140

Dear Mr. Jentz & Ms Peeters:

I am writing to provide you with the results of indoor air testing for tetrachloroethylene (PCE) conducted by the U.S. Environmental Protection Agency (EPA) on March 11th, 2011, from inside your property at 515 Grand Avenue, Little Chute, Outagamie County.

The purpose of indoor air testing by EPA was to follow-up with similar testing that I conducted on February 17th and 18th, 2011. I reported these prior results to you in my letter from March 8th (attached).

Three 24-hour indoor air samples were collected from the basement (sample 004A), the main floor (sample 002A), and second floor apartment (sample 003A) of your property using 6-liter evacuated canisters. These samples were submitted to the STAT Analysis Corporation and underwent U.S. EPA TO-15a laboratory analysis for Volatile Organic Compounds (VOCs) in air. Attached is a copy of the STAT laboratory reports and the results for PCE from both rounds of sampling are summarized in the below table.

Date & Location (sample no.)	parts-per-billion by volume (ppbv)		micrograms/cubic meter ($\mu g/m^3$)	
	Detected Level	Action Level	Detected Level	Action Level
Feb 17, 2011				
Basement (SCD-05)	32.9	3.1 [c]	233.1	21.0 [c]
Main Floor (SCD-04)	24.0	3.1 [c]	162.8	21.0 [c]
Apartment - 2nd Floor (SCD-06)	22.4	0.6 [r]	151.9	4.1 [r]
Outdoor – roof (SCD-07)	0.3	0.6 [r]	2.3	4.1 [r]
Mar 11, 2011				
Basement (004A)	5.0	3.1 [c]	34.0	21.0 [c]
Main Floor (002A)	3.6	3.1 [c]	24.4	21.0 [c]
Apartment - 2nd Floor (003A)	3.9	0.6 [r]	26.5	4.1 [r]

Note: c – commercial indoor air Action Level
r – residential indoor air Action Level

The PCE levels in all three March 11th indoor air samples were again above health-based Action Levels. For the basement and main floor samples, PCE was measured at 34.0 and 24.4 $\mu g/m^3$ (micrograms per cubic meter), respectively, which are above the PCE commercial Action Level of 21.0 $\mu g/m^3$. For the apartment air sample, PCE was measured at 26.5 $\mu g/m^3$, which is also above the PCE residential Action Level of 4.1 $\mu g/m^3$. The PCE Action Levels were established

by the Wisconsin Department of Natural Resources (DNR) and Department of Health Services (DHS), and serves as a threshold for halting exposures.

Even though PCE levels were lower in the March 11th sample, the levels continue to pose an unacceptable increased risk of cancer for your regular customers and those who work at your business. Additionally, for those who spend all day and night in the building and breathe this air for 24 hours per day, such as each of you, these PCE levels pose an additional, slightly higher increased cancer risk. As a result, the indoor air PCE levels in your building is a *human health hazard* for people who both live and work there over the course of many years.

The air samples also found trace levels of other VOCs that are unrelated to PCE. These other VOCs often come from use of consumer products, personal practices (such as smoking), and building materials, and the levels detected are common for the typical U.S. home and office.

For each sample location, the March 11th result had a lower PCE level than what was found in the sample collected on February 17th. These lower PCE levels are probably due to your efforts of increasing outdoor air ventilation inside all levels of your building. Whenever it is feasible and reasonable, I encourage you to continue regular ventilation of your building until a permanent mitigation system is installed.

You may be aware that during the week of April 4th EPA plans to conduct additional investigations at Sandies Dry Cleaners and adjacent properties in order to determine the source and extent of PCE contamination. EPA intends to collect soil, groundwater, and soil gas samples and next week will be calling you with more details.

For more information on EPA's involvement and activities please contact Jennifer Borski, with the DNR Oshkosh Service Center, at 920-424-7887, or Ramon Mendoza with EPA, at 312-802-1409.

I will continue working closely with staff of the Outagamie County Public Health Department, and they will also be involved throughout the EPA investigation. If you wish to talk with an Outagamie County sanitarian they can be reached at 920-832-5100.

You may have many health questions related to your exposures to PCE. Please call me at 608-266-3479 if you wish to discuss this further.

Best Regards,

Henry Nehls-Lowe
Division of Public Health

enclosure

cc: Jennifer Borski – Wisconsin Department of Natural Resources
Natalie Vandeveld – Outagamie County Health Department
Ramon Mendoza – U.S. Environmental Protection Agency

STAT Analysis Corporation
2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

Report Date: March 18, 2011
Print Date: March 18, 2011

Client:	Oneida Total Integrated Enterprises	**Client Sample ID:**	A02-515GRND-GL
Lab Order:	11030307	**Tag Number:**	
Project:	2010101, Sandies Dry Cleaners, Little Chute, WI	**Collection Date:**	3/11/2011 10:34:00 AM
Lab ID:	11030307-002A	**Matrix:**	Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds in Air by GC/MS	**TO-15**			Prep Date: **3/16/2011**		Analyst: **VP**
1,1,1-Trichloroethane	ND	0.38		ppbv	1	3/16/2011
1,1,2,2-Tetrachloroethane	ND	0.38		ppbv	1	3/16/2011
1,1,2-Trichloroethane	ND	0.38		ppbv	1	3/16/2011
1,1-Dichloroethane	ND	0.38		ppbv	1	3/16/2011
1,1-Dichloroethene	ND	0.38		ppbv	1	3/16/2011
1,2,4-Trichlorobenzene	ND	0.38		ppbv	1	3/16/2011
1,2,4-Trimethylbenzene	ND	0.38		ppbv	1	3/16/2011
1,2-Dibromoethane	ND	0.38		ppbv	1	3/16/2011
1,2-Dichlorobenzene	ND	0.38		ppbv	1	3/16/2011
1,2-Dichloroethane	ND	0.38		ppbv	1	3/16/2011
1,2-Dichloropropane	ND	0.38		ppbv	1	3/16/2011
1,3,5-Trimethylbenzene	ND	0.38		ppbv	1	3/16/2011
1,3-Butadiene	ND	0.38		ppbv	1	3/16/2011
1,3-Dichlorobenzene	ND	0.38		ppbv	1	3/16/2011
1,4-Dichlorobenzene	0.67	0.38		ppbv	1	3/16/2011
1,4-Dioxane	ND	0.96		ppbv	1	3/16/2011
2-Butanone	ND	0.96		ppbv	1	3/16/2011
2-Hexanone	ND	1.9		ppbv	1	3/16/2011
4-Ethyltoluene	ND	0.38		ppbv	1	3/16/2011
4-Methyl-2-pentanone	ND	1.9		ppbv	1	3/16/2011
Acetone	20	3.8	*	ppbv	1	3/16/2011
Benzene	0.48	0.38		ppbv	1	3/16/2011
Benzyl chloride	ND	0.96		ppbv	1	3/16/2011
Bromodichloromethane	ND	0.38		ppbv	1	3/16/2011
Bromoform	ND	0.96		ppbv	1	3/16/2011
Bromomethane	ND	0.96		ppbv	1	3/16/2011
Carbon disulfide	ND	0.38		ppbv	1	3/16/2011
Carbon tetrachloride	ND	0.38		ppbv	1	3/16/2011
Chlorobenzene	ND	0.38		ppbv	1	3/16/2011
Chloroethane	ND	0.38		ppbv	1	3/16/2011
Chloroform	0.6	0.38		ppbv	1	3/16/2011
Chloromethane	1.1	0.96		ppbv	1	3/16/2011
cis-1,2-Dichloroethene	ND	0.38		ppbv	1	3/16/2011
cis-1,3-Dichloropropene	ND	0.38		ppbv	1	3/16/2011
Cyclohexane	ND	0.38		ppbv	1	3/16/2011
Dibromochloromethane	ND	0.38		ppbv	1	3/16/2011
Dichlorodifluoromethane	0.54	0.38		ppbv	1	3/16/2011
Ethyl acetate	2.4	0.38		ppbv	1	3/16/2011

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

STAT Analysis Corporation
2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

Report Date: March 18, 2011
Print Date: March 18, 2011

Client:	Oneida Total Integrated Enterprises	**Client Sample ID:**	A02-515GRND-GL
Lab Order:	11030307	**Tag Number:**	
Project:	2010101, Sandies Dry Cleaners, Little Chute, WI	**Collection Date:**	3/11/2011 10:34:00 AM
Lab ID:	11030307-002A	**Matrix:**	Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds in Air by GC/MS	**TO-15**			Prep Date: **3/16/2011**		Analyst: **VP**
Ethylbenzene	ND	0.38		ppbv	1	3/16/2011
Freon-113	ND	0.38		ppbv	1	3/16/2011
Freon-114	ND	1.9		ppbv	1	3/16/2011
Heptane	0.48	0.38		ppbv	1	3/16/2011
Hexachlorobutadiene	ND	0.38		ppbv	1	3/16/2011
Hexane	ND	0.96		ppbv	1	3/16/2011
Isopropyl Alcohol	31	1.9		ppbv	1	3/16/2011
m,p-Xylene	ND	0.77		ppbv	1	3/16/2011
Methyl tert-butyl ether	ND	0.38		ppbv	1	3/16/2011
Methylene chloride	ND	3.8		ppbv	1	3/16/2011
o-Xylene	ND	0.38		ppbv	1	3/16/2011
Propene	ND	3.8		ppbv	1	3/16/2011
Styrene	ND	0.38		ppbv	1	3/16/2011
Tetrachloroethene	3.6	0.38		ppbv	1	3/16/2011
Tetrahydrofuran	ND	0.96		ppbv	1	3/16/2011
Toluene	1.5	0.38		ppbv	1	3/16/2011
trans-1,2-Dichloroethene	ND	0.38		ppbv	1	3/16/2011
trans-1,3-Dichloropropene	ND	0.38		ppbv	1	3/16/2011
Trichloroethene	ND	0.38		ppbv	1	3/16/2011
Trichlorofluoromethane	0.44	0.38		ppbv	1	3/16/2011
Vinyl acetate	ND	3.8		ppbv	1	3/16/2011
Vinyl chloride	ND	0.38		ppbv	1	3/16/2011
Xylenes, Total	ND	1.2		ppbv	1	3/16/2011

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

STAT Analysis Corporation
2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

Report Date: March 18, 2011
Print Date: March 18, 2011

Client:	Oneida Total Integrated Enterprises	**Client Sample ID:**	A03-515GRND-UL
Lab Order:	11030307	**Tag Number:**	
Project:	2010101, Sandies Dry Cleaners, Little Chute, WI	**Collection Date:**	3/11/2011 10:45:00 AM
Lab ID:	11030307-003A	**Matrix:**	Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds in Air by GC/MS	**TO-15**			Prep Date: **3/16/2011**		Analyst: **VP**
1,1,1-Trichloroethane	ND	0.35		ppbv	1	3/16/2011
1,1,2,2-Tetrachloroethane	ND	0.35		ppbv	1	3/16/2011
1,1,2-Trichloroethane	ND	0.35		ppbv	1	3/16/2011
1,1-Dichloroethane	ND	0.35		ppbv	1	3/16/2011
1,1-Dichloroethene	ND	0.35		ppbv	1	3/16/2011
1,2,4-Trichlorobenzene	ND	0.35		ppbv	1	3/16/2011
1,2,4-Trimethylbenzene	ND	0.35		ppbv	1	3/16/2011
1,2-Dibromoethane	ND	0.35		ppbv	1	3/16/2011
1,2-Dichlorobenzene	ND	0.35		ppbv	1	3/16/2011
1,2-Dichloroethane	ND	0.35		ppbv	1	3/16/2011
1,2-Dichloropropane	ND	0.35		ppbv	1	3/16/2011
1,3,5-Trimethylbenzene	ND	0.35		ppbv	1	3/16/2011
1,3-Butadiene	2.2	0.35		ppbv	1	3/16/2011
1,3-Dichlorobenzene	ND	0.35		ppbv	1	3/16/2011
1,4-Dichlorobenzene	0.59	0.35		ppbv	1	3/16/2011
1,4-Dioxane	ND	0.87		ppbv	1	3/16/2011
2-Butanone	2	0.87		ppbv	1	3/16/2011
2-Hexanone	ND	1.7		ppbv	1	3/16/2011
4-Ethyltoluene	ND	0.35		ppbv	1	3/16/2011
4-Methyl-2-pentanone	ND	1.7		ppbv	1	3/16/2011
Acetone	27	3.5	*	ppbv	1	3/16/2011
Benzene	1.7	0.35		ppbv	1	3/16/2011
Benzyl chloride	ND	0.87		ppbv	1	3/16/2011
Bromodichloromethane	ND	0.35		ppbv	1	3/16/2011
Bromoform	ND	0.87		ppbv	1	3/16/2011
Bromomethane	ND	0.87		ppbv	1	3/16/2011
Carbon disulfide	ND	0.35		ppbv	1	3/16/2011
Carbon tetrachloride	ND	0.35		ppbv	1	3/16/2011
Chlorobenzene	ND	0.35		ppbv	1	3/16/2011
Chloroethane	ND	0.35		ppbv	1	3/16/2011
Chloroform	0.73	0.35		ppbv	1	3/16/2011
Chloromethane	3.6	0.87		ppbv	1	3/16/2011
cis-1,2-Dichloroethene	ND	0.35		ppbv	1	3/16/2011
cis-1,3-Dichloropropene	ND	0.35		ppbv	1	3/16/2011
Cyclohexane	ND	0.35		ppbv	1	3/16/2011
Dibromochloromethane	ND	0.35		ppbv	1	3/16/2011
Dichlorodifluoromethane	0.52	0.35		ppbv	1	3/16/2011
Ethyl acetate	2.8	0.35		ppbv	1	3/16/2011

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

STAT Analysis Corporation
2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

Report Date: March 18, 2011
Print Date: March 18, 2011

Client:	Oneida Total Integrated Enterprises	**Client Sample ID:**	A03-515GRND-UL
Lab Order:	11030307	**Tag Number:**	
Project:	2010101, Sandies Dry Cleaners, Little Chute, WI	**Collection Date:**	3/11/2011 10:45:00 AM
Lab ID:	11030307-003A	**Matrix:**	Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds in Air by GC/MS	**TO-15**			Prep Date: **3/16/2011**		Analyst: **VP**
Ethylbenzene	0.4	0.35		ppbv	1	3/16/2011
Freon-113	ND	0.35		ppbv	1	3/16/2011
Freon-114	ND	1.7		ppbv	1	3/16/2011
Heptane	0.82	0.35		ppbv	1	3/16/2011
Hexachlorobutadiene	ND	0.35		ppbv	1	3/16/2011
Hexane	ND	0.87		ppbv	1	3/16/2011
Isopropyl Alcohol	29	1.7		ppbv	1	3/16/2011
m,p-Xylene	1.2	0.69		ppbv	1	3/16/2011
Methyl tert-butyl ether	ND	0.35		ppbv	1	3/16/2011
Methylene chloride	ND	3.5		ppbv	1	3/16/2011
o-Xylene	ND	0.35		ppbv	1	3/16/2011
Propene	10	3.5		ppbv	1	3/16/2011
Styrene	0.49	0.35		ppbv	1	3/16/2011
Tetrachloroethene	3.9	0.35		ppbv	1	3/16/2011
Tetrahydrofuran	ND	0.87		ppbv	1	3/16/2011
Toluene	3.7	0.35		ppbv	1	3/16/2011
trans-1,2-Dichloroethene	ND	0.35		ppbv	1	3/16/2011
trans-1,3-Dichloropropene	ND	0.35		ppbv	1	3/16/2011
Trichloroethene	ND	0.35		ppbv	1	3/16/2011
Trichlorofluoromethane	0.5	0.35		ppbv	1	3/16/2011
Vinyl acetate	ND	3.5		ppbv	1	3/16/2011
Vinyl chloride	ND	0.35		ppbv	1	3/16/2011
Xylenes, Total	1.5	1		ppbv	1	3/16/2011

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

STAT Analysis Corporation
2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

Report Date: March 18, 2011
Print Date: March 18, 2011

Client:	Oneida Total Integrated Enterprises	**Client Sample ID:**	A04-515GRND-BL
Lab Order:	11030307	**Tag Number:**	
Project:	2010101, Sandies Dry Cleaners, Little Chute, WI	**Collection Date:**	3/11/2011 10:53:00 AM
Lab ID:	11030307-004A	**Matrix:**	Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds in Air by GC/MS	**TO-15**			Prep Date: **3/16/2011**		Analyst: **VP**
1,1,1-Trichloroethane	ND	0.35		ppbv	1	3/16/2011
1,1,2,2-Tetrachloroethane	ND	0.35		ppbv	1	3/16/2011
1,1,2-Trichloroethane	ND	0.35		ppbv	1	3/16/2011
1,1-Dichloroethane	ND	0.35		ppbv	1	3/16/2011
1,1-Dichloroethene	ND	0.35		ppbv	1	3/16/2011
1,2,4-Trichlorobenzene	ND	0.35		ppbv	1	3/16/2011
1,2,4-Trimethylbenzene	ND	0.35		ppbv	1	3/16/2011
1,2-Dibromoethane	ND	0.35		ppbv	1	3/16/2011
1,2-Dichlorobenzene	ND	0.35		ppbv	1	3/16/2011
1,2-Dichloroethane	ND	0.35		ppbv	1	3/16/2011
1,2-Dichloropropane	ND	0.35		ppbv	1	3/16/2011
1,3,5-Trimethylbenzene	ND	0.35		ppbv	1	3/16/2011
1,3-Butadiene	ND	0.35		ppbv	1	3/16/2011
1,3-Dichlorobenzene	ND	0.35		ppbv	1	3/16/2011
1,4-Dichlorobenzene	ND	0.35		ppbv	1	3/16/2011
1,4-Dioxane	ND	0.88		ppbv	1	3/16/2011
2-Butanone	ND	0.88		ppbv	1	3/16/2011
2-Hexanone	ND	1.8		ppbv	1	3/16/2011
4-Ethyltoluene	ND	0.35		ppbv	1	3/16/2011
4-Methyl-2-pentanone	ND	1.8		ppbv	1	3/16/2011
Acetone	4.3	3.5	*	ppbv	1	3/16/2011
Benzene	ND	0.35		ppbv	1	3/16/2011
Benzyl chloride	ND	0.88		ppbv	1	3/16/2011
Bromodichloromethane	ND	0.35		ppbv	1	3/16/2011
Bromoform	ND	0.88		ppbv	1	3/16/2011
Bromomethane	ND	0.88		ppbv	1	3/16/2011
Carbon disulfide	ND	0.35		ppbv	1	3/16/2011
Carbon tetrachloride	ND	0.35		ppbv	1	3/16/2011
Chlorobenzene	ND	0.35		ppbv	1	3/16/2011
Chloroethane	ND	0.35		ppbv	1	3/16/2011
Chloroform	ND	0.35		ppbv	1	3/16/2011
Chloromethane	ND	0.88		ppbv	1	3/16/2011
cis-1,2-Dichloroethene	ND	0.35		ppbv	1	3/16/2011
cis-1,3-Dichloropropene	ND	0.35		ppbv	1	3/16/2011
Cyclohexane	ND	0.35		ppbv	1	3/16/2011
Dibromochloromethane	ND	0.35		ppbv	1	3/16/2011
Dichlorodifluoromethane	0.54	0.35		ppbv	1	3/16/2011
Ethyl acetate	0.56	0.35		ppbv	1	3/16/2011

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

STAT Analysis Corporation
2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

Report Date: March 18, 2011
Print Date: March 18, 2011

Client:	Oneida Total Integrated Enterprises	**Client Sample ID:**	A04-515GRND-BL
Lab Order:	11030307	**Tag Number:**	
Project:	2010101, Sandies Dry Cleaners, Little Chute, WI	**Collection Date:**	3/11/2011 10:53:00 AM
Lab ID:	11030307-004A	**Matrix:**	Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds in Air by GC/MS	**TO-15**			Prep Date: **3/16/2011**		Analyst: **VP**
Ethylbenzene	ND	0.35		ppbv	1	3/16/2011
Freon-113	ND	0.35		ppbv	1	3/16/2011
Freon-114	ND	1.8		ppbv	1	3/16/2011
Heptane	ND	0.35		ppbv	1	3/16/2011
Hexachlorobutadiene	ND	0.35		ppbv	1	3/16/2011
Hexane	ND	0.88		ppbv	1	3/16/2011
Isopropyl Alcohol	ND	1.8		ppbv	1	3/16/2011
m,p-Xylene	ND	0.7		ppbv	1	3/16/2011
Methyl tert-butyl ether	ND	0.35		ppbv	1	3/16/2011
Methylene chloride	ND	3.5		ppbv	1	3/16/2011
o-Xylene	ND	0.35		ppbv	1	3/16/2011
Propene	ND	3.5		ppbv	1	3/16/2011
Styrene	ND	0.35		ppbv	1	3/16/2011
Tetrachloroethene	5	0.35		ppbv	1	3/16/2011
Tetrahydrofuran	ND	0.88		ppbv	1	3/16/2011
Toluene	1.2	0.35		ppbv	1	3/16/2011
trans-1,2-Dichloroethene	ND	0.35		ppbv	1	3/16/2011
trans-1,3-Dichloropropene	ND	0.35		ppbv	1	3/16/2011
Trichloroethene	ND	0.35		ppbv	1	3/16/2011
Trichlorofluoromethane	ND	0.35		ppbv	1	3/16/2011
Vinyl acetate	ND	3.5		ppbv	1	3/16/2011
Vinyl chloride	ND	0.35		ppbv	1	3/16/2011
Xylenes, Total	ND	1.1		ppbv	1	3/16/2011

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

Scott Walker
Governor

Dennis G. Smith
Secretary

State of Wisconsin

Department of Health Services

DIVISION OF PUBLIC HEALTH

1 WEST WILSON STREET
P O BOX 2659
MADISON WI 53701-2659

608-266-1251
FAX: 608-267-2832
TTY: 888-701-1253
dhs.wisconsin.gov

March 28, 2011

David Linskins
1687 Princeton Place #5
Green Bay, WI 54302

Dear Mr. Linskins:

I am writing to provide you with the results of indoor air testing for tetrachloroethylene (PCE) conducted by the U.S. Environmental Protection Agency (EPA), on March 11th, 2011, inside your property at 513 Grand Avenue, Little Chute, Outagamie County.

The purpose of indoor air testing by EPA was to follow-up with similar testing that I conducted on February 17th, 2011. I reported these prior results to you in my letter dated March 8th (attached).

A 24-hour indoor air sample was collected from the second floor, vacant apartment using a 6-liter evacuated canister. This sample was submitted to the STAT Analysis Corporation and underwent U.S. EPA TO-15a laboratory analysis for Volatile Organic Compounds in air. Attached is a copy of the STAT laboratory report and the results for PCE from both rounds of sampling are summarized in the below table.

	parts-per-billion by volume (ppbv)		micrograms per cubic meter ($\mu g/m^3$)	
Date & Location (sample no.)	Detected Level	Action Level	Detected Level	Action Level
Feb 17: Apartment – 2nd Floor (SCD-01)	28.4	0.6	192.62	4.1
Mar 11: Apartment – 2nd Floor (001A)	31.0	0.6	210.49	4.1

The PCE level measured in the March 11th sample was 210.49 $\mu g/m^3$, which is similar to the February 17th sample result, and these levels are well above the residential Action Level of 4.1 $\mu g/m^3$. This PCE Action Level was established by the Wisconsin Department of Natural Resources (DNR) and Department of Health Services (DHS), and serves as a threshold for halting exposures.

Indoor air at this vacant apartment is a health concern because, when breathed for many years, such PCE levels pose an unacceptable increased cancer risk. This long term cancer risk is sufficient to be a *human health hazard*. As a result, I recommend that this apartment is not occupied until actions are taken that result in PCE levels dropping to and remaining below the residential Action Level.

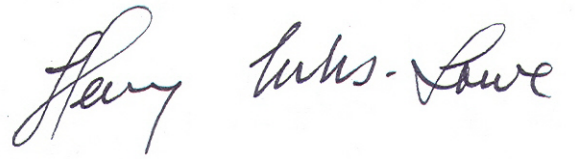
You may be aware that during the week of April 4th EPA plans to conduct additional investigations at Sandies Dry Cleaners and adjacent properties in order to determine the source and extent of PCE contamination. EPA intends to collect soil, groundwater, and soil gas samples and next week will be calling you with more details.

For more information on EPA's involvement and activities please contact Jennifer Borski, with the DNR Oshkosh Service Center, at 920-424-7887, or Ramon Mendoza with EPA, at 312-802-1409.

I will continue working closely with staff of the Outagamie County Public Health Department, and they will also be involved throughout the EPA investigation. If you wish to talk with an Outagamie County sanitarian they can be reached at 920-832-5100.

You may have many health questions related to your exposures to PCE. Please call me at 608-266-3479 if you wish to discuss this further.

Best Regards,



Henry Nehls-Lowe
Division of Public Health

attachment

cc: Jennifer Borski – Department of Natural Resources
Natalie Vandeveld – Outagamie County Health Department
Ramon Mendoza – U.S. Environmental Protection Agency

STAT Analysis Corporation
2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

Report Date: March 18, 2011
Print Date: March 18, 2011

Client:	Oneida Total Integrated Enterprises	**Client Sample ID:**	A01-513GRND-UL
Lab Order:	11030307	**Tag Number:**	
Project:	2010101, Sandies Dry Cleaners, Little Chute, WI	**Collection Date:**	3/11/2011 10:25:00 AM
Lab ID:	11030307-001A	**Matrix:**	Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds in Air by GC/MS	**TO-15**			Prep Date: **3/16/2011**		Analyst: **VP**
1,1,1-Trichloroethane	ND	0.36		ppbv	1	3/16/2011
1,1,2,2-Tetrachloroethane	ND	0.36		ppbv	1	3/16/2011
1,1,2-Trichloroethane	ND	0.36		ppbv	1	3/16/2011
1,1-Dichloroethane	ND	0.36		ppbv	1	3/16/2011
1,1-Dichloroethene	ND	0.36		ppbv	1	3/16/2011
1,2,4-Trichlorobenzene	ND	0.36		ppbv	1	3/16/2011
1,2,4-Trimethylbenzene	0.62	0.36		ppbv	1	3/16/2011
1,2-Dibromoethane	ND	0.36		ppbv	1	3/16/2011
1,2-Dichlorobenzene	ND	0.36		ppbv	1	3/16/2011
1,2-Dichloroethane	ND	0.36		ppbv	1	3/16/2011
1,2-Dichloropropane	ND	0.36		ppbv	1	3/16/2011
1,3,5-Trimethylbenzene	ND	0.36		ppbv	1	3/16/2011
1,3-Butadiene	ND	0.36		ppbv	1	3/16/2011
1,3-Dichlorobenzene	ND	0.36		ppbv	1	3/16/2011
1,4-Dichlorobenzene	ND	0.36		ppbv	1	3/16/2011
1,4-Dioxane	ND	0.89		ppbv	1	3/16/2011
2-Butanone	ND	0.89		ppbv	1	3/16/2011
2-Hexanone	ND	1.8		ppbv	1	3/16/2011
4-Ethyltoluene	ND	0.36		ppbv	1	3/16/2011
4-Methyl-2-pentanone	ND	1.8		ppbv	1	3/16/2011
Acetone	7.1	3.6	*	ppbv	1	3/16/2011
Benzene	ND	0.36		ppbv	1	3/16/2011
Benzyl chloride	ND	0.89		ppbv	1	3/16/2011
Bromodichloromethane	ND	0.36		ppbv	1	3/16/2011
Bromoform	ND	0.89		ppbv	1	3/16/2011
Bromomethane	ND	0.89		ppbv	1	3/16/2011
Carbon disulfide	ND	0.36		ppbv	1	3/16/2011
Carbon tetrachloride	ND	0.36		ppbv	1	3/16/2011
Chlorobenzene	ND	0.36		ppbv	1	3/16/2011
Chloroethane	ND	0.36		ppbv	1	3/16/2011
Chloroform	ND	0.36		ppbv	1	3/16/2011
Chloromethane	ND	0.89		ppbv	1	3/16/2011
cis-1,2-Dichloroethene	ND	0.36		ppbv	1	3/16/2011
cis-1,3-Dichloropropene	ND	0.36		ppbv	1	3/16/2011
Cyclohexane	ND	0.36		ppbv	1	3/16/2011
Dibromochloromethane	ND	0.36		ppbv	1	3/16/2011
Dichlorodifluoromethane	0.59	0.36		ppbv	1	3/16/2011
Ethyl acetate	ND	0.36		ppbv	1	3/16/2011

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

STAT Analysis Corporation
2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

Report Date: March 18, 2011
Print Date: March 18, 2011

Client:	Oneida Total Integrated Enterprises	**Client Sample ID:**	A01-513GRND-UL
Lab Order:	11030307	**Tag Number:**	
Project:	2010101, Sandies Dry Cleaners, Little Chute, WI	**Collection Date:**	3/11/2011 10:25:00 AM
Lab ID:	11030307-001A	**Matrix:**	Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds in Air by GC/MS	**TO-15**			Prep Date: **3/16/2011**		Analyst: **VP**
Ethylbenzene	ND	0.36		ppbv	1	3/16/2011
Freon-113	ND	0.36		ppbv	1	3/16/2011
Freon-114	ND	1.8		ppbv	1	3/16/2011
Heptane	0.78	0.36		ppbv	1	3/16/2011
Hexachlorobutadiene	ND	0.36		ppbv	1	3/16/2011
Hexane	ND	0.89		ppbv	1	3/16/2011
Isopropyl Alcohol	ND	1.8		ppbv	1	3/16/2011
m,p-Xylene	0.91	0.71		ppbv	1	3/16/2011
Methyl tert-butyl ether	ND	0.36		ppbv	1	3/16/2011
Methylene chloride	ND	3.6		ppbv	1	3/16/2011
o-Xylene	ND	0.36		ppbv	1	3/16/2011
Propene	ND	3.6		ppbv	1	3/16/2011
Styrene	ND	0.36		ppbv	1	3/16/2011
Tetrachloroethene	31	0.36		ppbv	1	3/16/2011
Tetrahydrofuran	ND	0.89		ppbv	1	3/16/2011
Toluene	5.9	0.36		ppbv	1	3/16/2011
trans-1,2-Dichloroethene	ND	0.36		ppbv	1	3/16/2011
trans-1,3-Dichloropropene	ND	0.36		ppbv	1	3/16/2011
Trichloroethene	ND	0.36		ppbv	1	3/16/2011
Trichlorofluoromethane	ND	0.36		ppbv	1	3/16/2011
Vinyl acetate	ND	3.6		ppbv	1	3/16/2011
Vinyl chloride	ND	0.36		ppbv	1	3/16/2011
Xylenes, Total	1.2	1.1		ppbv	1	3/16/2011

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

Scott Walker
Governor

Dennis G. Smith
Secretary

State of Wisconsin

Department of Health Services

DIVISION OF PUBLIC HEALTH

1 WEST WILSON STREET
P O BOX 2659
MADISON WI 53701-2659

608-266-1251
FAX: 608-267-2832
TTY: 888-701-1253
dhs.wisconsin.gov

March 25, 2011

Deborah Smith
Bakers Outlet
Four D Investments, LLC
505 Grand Avenue
Little Chute, WI 54140

Dear Ms. Smith:

I am writing to provide you with the results of indoor air testing for tetrachloroethylene (PCE) conducted by the U.S. Environmental Protection Agency (EPA) on March 11th, 2011, from inside your property at 505 Grand Avenue, Little Chute, Outagamie County.

The purpose of indoor air testing by EPA was to follow-up with similar testing that I conducted on February 17th and 18th, 2011. I reported these prior results to you in my letter of March 8th (attached).

Two 24-hour indoor air samples were collected from the second floor apartment (sample 006A) and basement (sample 005A) of your property using 6-liter evacuated canisters. These samples were submitted to the STAT Analysis Corporation and underwent U.S. EPA TO-15a laboratory analysis for volatile organic compounds (VOCs) in air. Attached is a copy of the STAT laboratory reports and the results for PCE from both rounds of sampling are summarized in the below table.

	parts-per-billion by volume (ppbv)		micrograms/cubic meter ($\mu g/m^3$)	
Date & Location (sample no.)	Detected Level	Action Level	Detected Level	Action Level
Feb 17, 2011				
Basement (SCD-02)	1.20	3.1[c]	5.53	21.0[c]
Main Floor Office (SCD-03)	0.82	3.1[c]	8.14	21.0[c]
Mar 11, 2011				
Basement (005A)	0.78	3.1[c]	5.30	21.0[c]
2nd Floor Apartment (006A)	ND (<0.37)	0.6[r]	ND (<2.5)	4.1[r]

Note: ND (<) – PCE not detected (less than laboratory reporting limit)
c – commercial indoor air Action Level
r – residential indoor air Action Level

For both basement samples, PCE levels were below health-based Action Levels. In the March 11th sample, PCE was measured at 5.30 $\mu g/m^3$ (micrograms per cubic meter), which is slightly lower than the February 17th result of 5.53 $\mu g/m^3$. All these are below the PCE commercial Action Level of 21.0 $\mu g/m^3$. The air sample from the second floor apartment did not detect PCE.

The PCE levels in indoor air of the commercial area of your building does not pose a health concern for you or your staff, as discussed in the March 8th letter. PCE was not detected in the second floor apartment on March 11th, and it is not a health concern for anyone who resides in the apartment. The air samples also found trace levels of other VOCs that are unrelated to PCE. These other VOCs often come from use of consumer products, personal practices (such as smoking), and building materials, and the levels detected are common for the typical U.S. home and office, and do not pose a health concern.

At this time I do not recommend any additional actions at your building.

You may be aware that during the week of April 4th EPA plans to conduct additional investigations at Sandies Dry Cleaners and adjacent properties in order to determine the source and extent of PCE contamination. EPA intends to collect soil, groundwater, and soil gas samples and will be calling you next week with more details.

For more information on EPA's involvement and activities please contact Jennifer Borski, with the DNR Oshkosh Service Center, at 920-424-7887, or Ramon Mendoza with EPA, at 312-802-1409.

I will continue working closely with staff of the Outagamie County Public Health Department, and they will also be involved throughout the EPA investigation. If you wish to talk with an Outagamie County sanitarian they can be reached at 920-832-5100.

Please call me at 608-266-3479 if you wish to discuss your indoor air test results.

Best Regards,

Henry Nehls-Lowe
Division of Public Health

enclosure

cc: Jennifer Borski – Wisconsin Department of Natural Resources
Natalie Vandeveld – Outagamie County Health Department
Ramon Mendoza – U.S. Environmental Protection Agency

STAT Analysis Corporation
2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

Report Date: March 18, 2011
Print Date: March 18, 2011

Client:	Oneida Total Integrated Enterprises	**Client Sample ID:**	A05-505GRND-BL
Lab Order:	11030307	**Tag Number:**	
Project:	2010101, Sandies Dry Cleaners, Little Chute, WI	**Collection Date:**	3/11/2011 11:06:00 AM
Lab ID:	11030307-005A	**Matrix:**	Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds in Air by GC/MS	**TO-15**			Prep Date: **3/16/2011**		Analyst: **VP**
1,1,1-Trichloroethane	ND	0.38		ppbv	1	3/16/2011
1,1,2,2-Tetrachloroethane	ND	0.38		ppbv	1	3/16/2011
1,1,2-Trichloroethane	ND	0.38		ppbv	1	3/16/2011
1,1-Dichloroethane	ND	0.38		ppbv	1	3/16/2011
1,1-Dichloroethene	ND	0.38		ppbv	1	3/16/2011
1,2,4-Trichlorobenzene	ND	0.38		ppbv	1	3/16/2011
1,2,4-Trimethylbenzene	ND	0.38		ppbv	1	3/16/2011
1,2-Dibromoethane	ND	0.38		ppbv	1	3/16/2011
1,2-Dichlorobenzene	ND	0.38		ppbv	1	3/16/2011
1,2-Dichloroethane	ND	0.38		ppbv	1	3/16/2011
1,2-Dichloropropane	ND	0.38		ppbv	1	3/16/2011
1,3,5-Trimethylbenzene	ND	0.38		ppbv	1	3/16/2011
1,3-Butadiene	ND	0.38		ppbv	1	3/16/2011
1,3-Dichlorobenzene	ND	0.38		ppbv	1	3/16/2011
1,4-Dichlorobenzene	ND	0.38		ppbv	1	3/16/2011
1,4-Dioxane	ND	0.95		ppbv	1	3/16/2011
2-Butanone	ND	0.95		ppbv	1	3/16/2011
2-Hexanone	ND	1.9		ppbv	1	3/16/2011
4-Ethyltoluene	ND	0.38		ppbv	1	3/16/2011
4-Methyl-2-pentanone	ND	1.9		ppbv	1	3/16/2011
Acetone	ND	3.8	*	ppbv	1	3/16/2011
Benzene	0.44	0.38		ppbv	1	3/16/2011
Benzyl chloride	ND	0.95		ppbv	1	3/16/2011
Bromodichloromethane	ND	0.38		ppbv	1	3/16/2011
Bromoform	ND	0.95		ppbv	1	3/16/2011
Bromomethane	ND	0.95		ppbv	1	3/16/2011
Carbon disulfide	ND	0.38		ppbv	1	3/16/2011
Carbon tetrachloride	ND	0.38		ppbv	1	3/16/2011
Chlorobenzene	ND	0.38		ppbv	1	3/16/2011
Chloroethane	ND	0.38		ppbv	1	3/16/2011
Chloroform	ND	0.38		ppbv	1	3/16/2011
Chloromethane	ND	0.95		ppbv	1	3/16/2011
cis-1,2-Dichloroethene	ND	0.38		ppbv	1	3/16/2011
cis-1,3-Dichloropropene	ND	0.38		ppbv	1	3/16/2011
Cyclohexane	ND	0.38		ppbv	1	3/16/2011
Dibromochloromethane	ND	0.38		ppbv	1	3/16/2011
Dichlorodifluoromethane	0.89	0.38		ppbv	1	3/16/2011
Ethyl acetate	ND	0.38		ppbv	1	3/16/2011

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

STAT Analysis Corporation
2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

Report Date: March 18, 2011
Print Date: March 18, 2011

Client:	Oneida Total Integrated Enterprises	**Client Sample ID:**	A05-505GRND-BL
Lab Order:	11030307	**Tag Number:**	
Project:	2010101, Sandies Dry Cleaners, Little Chute, WI	**Collection Date:**	3/11/2011 11:06:00 AM
Lab ID:	11030307-005A	**Matrix:**	Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds in Air by GC/MS	**TO-15**			Prep Date: **3/16/2011**		Analyst: **VP**
Ethylbenzene	ND	0.38		ppbv	1	3/16/2011
Freon-113	ND	0.38		ppbv	1	3/16/2011
Freon-114	ND	1.9		ppbv	1	3/16/2011
Heptane	ND	0.38		ppbv	1	3/16/2011
Hexachlorobutadiene	ND	0.38		ppbv	1	3/16/2011
Hexane	ND	0.95		ppbv	1	3/16/2011
Isopropyl Alcohol	ND	1.9		ppbv	1	3/16/2011
m,p-Xylene	ND	0.76		ppbv	1	3/16/2011
Methyl tert-butyl ether	ND	0.38		ppbv	1	3/16/2011
Methylene chloride	ND	3.8		ppbv	1	3/16/2011
o-Xylene	ND	0.38		ppbv	1	3/16/2011
Propene	ND	3.8		ppbv	1	3/16/2011
Styrene	ND	0.38		ppbv	1	3/16/2011
Tetrachloroethene	0.78	0.38		ppbv	1	3/16/2011
Tetrahydrofuran	ND	0.95		ppbv	1	3/16/2011
Toluene	0.66	0.38		ppbv	1	3/16/2011
trans-1,2-Dichloroethene	ND	0.38		ppbv	1	3/16/2011
trans-1,3-Dichloropropene	ND	0.38		ppbv	1	3/16/2011
Trichloroethene	ND	0.38		ppbv	1	3/16/2011
Trichlorofluoromethane	1.3	0.38		ppbv	1	3/16/2011
Vinyl acetate	ND	3.8		ppbv	1	3/16/2011
Vinyl chloride	ND	0.38		ppbv	1	3/16/2011
Xylenes, Total	ND	1.1		ppbv	1	3/16/2011

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

STAT Analysis Corporation
2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

Report Date: March 18, 2011
Print Date: March 18, 2011

Client:	Oneida Total Integrated Enterprises	**Client Sample ID:**	A06-505GRND-UL
Lab Order:	11030307	**Tag Number:**	
Project:	2010101, Sandies Dry Cleaners, Little Chute, WI	**Collection Date:**	3/11/2011 11:13:00 AM
Lab ID:	11030307-006A	**Matrix:**	Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds in Air by GC/MS	**TO-15**			Prep Date: **3/16/2011**		Analyst: **VP**
1,1,1-Trichloroethane	ND	0.37		ppbv	1	3/16/2011
1,1,2,2-Tetrachloroethane	ND	0.37		ppbv	1	3/16/2011
1,1,2-Trichloroethane	ND	0.37		ppbv	1	3/16/2011
1,1-Dichloroethane	ND	0.37		ppbv	1	3/16/2011
1,1-Dichloroethene	ND	0.37		ppbv	1	3/16/2011
1,2,4-Trichlorobenzene	ND	0.37		ppbv	1	3/16/2011
1,2,4-Trimethylbenzene	ND	0.37		ppbv	1	3/16/2011
1,2-Dibromoethane	ND	0.37		ppbv	1	3/16/2011
1,2-Dichlorobenzene	ND	0.37		ppbv	1	3/16/2011
1,2-Dichloroethane	ND	0.37		ppbv	1	3/16/2011
1,2-Dichloropropane	ND	0.37		ppbv	1	3/16/2011
1,3,5-Trimethylbenzene	ND	0.37		ppbv	1	3/16/2011
1,3-Butadiene	ND	0.37		ppbv	1	3/16/2011
1,3-Dichlorobenzene	ND	0.37		ppbv	1	3/16/2011
1,4-Dichlorobenzene	ND	0.37		ppbv	1	3/16/2011
1,4-Dioxane	ND	0.92		ppbv	1	3/16/2011
2-Butanone	ND	0.92		ppbv	1	3/16/2011
2-Hexanone	ND	1.8		ppbv	1	3/16/2011
4-Ethyltoluene	ND	0.37		ppbv	1	3/16/2011
4-Methyl-2-pentanone	ND	1.8		ppbv	1	3/16/2011
Acetone	5.9	3.7	*	ppbv	1	3/16/2011
Benzene	0.49	0.37		ppbv	1	3/16/2011
Benzyl chloride	ND	0.92		ppbv	1	3/16/2011
Bromodichloromethane	ND	0.37		ppbv	1	3/16/2011
Bromoform	ND	0.92		ppbv	1	3/16/2011
Bromomethane	ND	0.92		ppbv	1	3/16/2011
Carbon disulfide	ND	0.37		ppbv	1	3/16/2011
Carbon tetrachloride	ND	0.37		ppbv	1	3/16/2011
Chlorobenzene	ND	0.37		ppbv	1	3/16/2011
Chloroethane	ND	0.37		ppbv	1	3/16/2011
Chloroform	ND	0.37		ppbv	1	3/16/2011
Chloromethane	0.93	0.92		ppbv	1	3/16/2011
cis-1,2-Dichloroethene	ND	0.37		ppbv	1	3/16/2011
cis-1,3-Dichloropropene	ND	0.37		ppbv	1	3/16/2011
Cyclohexane	ND	0.37		ppbv	1	3/16/2011
Dibromochloromethane	ND	0.37		ppbv	1	3/16/2011
Dichlorodifluoromethane	0.7	0.37		ppbv	1	3/16/2011
Ethyl acetate	ND	0.37		ppbv	1	3/16/2011

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

STAT Analysis Corporation
2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

Report Date: March 18, 2011
Print Date: March 18, 2011

Client:	Oneida Total Integrated Enterprises	**Client Sample ID:**	A06-505GRND-UL
Lab Order:	11030307	**Tag Number:**	
Project:	2010101, Sandies Dry Cleaners, Little Chute, WI	**Collection Date:**	3/11/2011 11:13:00 AM
Lab ID:	11030307-006A	**Matrix:**	Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds in Air by GC/MS	**TO-15**			Prep Date: **3/16/2011**		Analyst: **VP**
Ethylbenzene	ND	0.37		ppbv	1	3/16/2011
Freon-113	ND	0.37		ppbv	1	3/16/2011
Freon-114	ND	1.8		ppbv	1	3/16/2011
Heptane	ND	0.37		ppbv	1	3/16/2011
Hexachlorobutadiene	ND	0.37		ppbv	1	3/16/2011
Hexane	ND	0.92		ppbv	1	3/16/2011
Isopropyl Alcohol	ND	1.8		ppbv	1	3/16/2011
m,p-Xylene	ND	0.73		ppbv	1	3/16/2011
Methyl tert-butyl ether	ND	0.37		ppbv	1	3/16/2011
Methylene chloride	ND	3.7		ppbv	1	3/16/2011
o-Xylene	ND	0.37		ppbv	1	3/16/2011
Propene	ND	3.7		ppbv	1	3/16/2011
Styrene	ND	0.37		ppbv	1	3/16/2011
Tetrachloroethene	ND	0.37		ppbv	1	3/16/2011
Tetrahydrofuran	ND	0.92		ppbv	1	3/16/2011
Toluene	0.71	0.37		ppbv	1	3/16/2011
trans-1,2-Dichloroethene	ND	0.37		ppbv	1	3/16/2011
trans-1,3-Dichloropropene	ND	0.37		ppbv	1	3/16/2011
Trichloroethene	ND	0.37		ppbv	1	3/16/2011
Trichlorofluoromethane	0.81	0.37		ppbv	1	3/16/2011
Vinyl acetate	ND	3.7		ppbv	1	3/16/2011
Vinyl chloride	ND	0.37		ppbv	1	3/16/2011
Xylenes, Total	ND	1.1		ppbv	1	3/16/2011

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

Scott Walker
Governor

Dennis G. Smith
Secretary

State of Wisconsin

Department of Health Services

DIVISION OF PUBLIC HEALTH

1 WEST WILSON STREET
P O BOX 2659
MADISON WI 53701-2659

608-266-1251
FAX: 608-267-2832
TTY: 888-701-1253
dhs.wisconsin.gov

March 25, 2011

Mike Vanasten
N169-A Arrowhead Road
Fremont, WI 54940

Dear Ms. Vanasten:

I am writing to provide you with the results of indoor air testing conducted on March 15th, 2011, inside your property at 521 Grand Avenue.

The purpose of this investigation was to assess whether indoor air at your property is being impacted by vapors from dry cleaning solvents previously used at the closed Sandies Dry Cleaners and Laundry, located at 513 Grand Avenue. Prior investigations at the Sandies property have shown substantial levels of soil contamination by tetrachloroethylene (PCE).

An 8-hour indoor air sample was collected in a 6-liter evacuated Summa canister from the basement of your property and another canister was used for a 24-hour air sample from the kitchen on the main floor. These samples were submitted to the Wisconsin State Laboratory of Hygiene (WSLH) and underwent U.S. EPA TO-15a laboratory analysis for toxic compounds in ambient air. Attached is a copy of the WSLH laboratory reports and the results for PCE are summarized in the below table.

	parts-per-billion by volume (ppbv)		micrograms/cubic meter ($\mu g/m^3$)	
Sample Location	Detected Level	Action Level	Detected Level	Action Level
Basement (SCD-08)	ND (<0.085)	3.1	ND (<0.57)	21.0
First Floor – Kitchen (SCD-09)	ND (<0.085)	3.1	ND (<0.57)	21.0

Note: ND (<) – PCE not detected (less than laboratory detection limit)

For both samples PCE was not detected in indoor air samples. As a result PCE is not a health concern for anyone who resides in your building. The air samples also found trace levels of other volatile organic compounds (VOCs) that are unrelated to PCE. These other VOCs often come from use of consumer products, personal practices (such as smoking), and building materials, and the levels detected are common for the typical U.S. home and office.

In conclusion, based on these sample results there is no evidence that PCE or related degradation compounds from the former Sandies Dry Cleaners and Laundry property are at or affecting indoor air of your property. At this time I do not recommend any additional actions at your building.

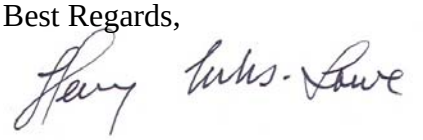
You may be aware that during the week of April 4th the U.S. Environmental Protection Agency (EPA) plans to conduct additional investigations at Sandies Dry Cleaners and adjacent properties in order to determine the source and extent of PCE contamination. EPA intends to collect soil, groundwater, and soil gas samples and next week will be calling you with more details.

For more information on EPA's involvement and activities please contact Jennifer Borski, with the DNR Oshkosh Service Center, at 920-424-7887, or Ramon Mendoza with EPA, at 312-802-1409.

I will continue working closely with staff of the Outagamie County Public Health Department, and they will also be involved throughout the EPA investigation. If you wish to talk with an Outagamie County sanitarian they can be reached at 920-832-5100.

Please call me at 608-266-3479 if you wish to discuss your indoor air sample results.

Best Regards,



Henry Nehls-Lowe
Division of Public Health

enclosure

cc: Jim Gilbert – 521 Grand Avenue, Little Chute
Jennifer Borski – Wisconsin Department of Natural Resources
Natalie Vandeveld – Outagamie County Health Department
Ramon Mendoza – U.S. Environmental Protection Agency

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

Laboratory Report

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

Environmental Health Division Organic Chemistry

WDNR LAB ID: 113133790 NELAP LAB ID: E37658 EPA LAB WI00007 WI DATCP ID: 105-415

WSLH Sample: OV004605

BORSKJ

625 E. COUNTY RD Y, STE 700

OSHKOSH, WI 54901-9731

Bill To
Billing ID: 1979
Customer ID: 325192

Fee Exempt

Field #: SDC-08
Collection Start: 03/15/2011 09:15:00
Collection End: 03/15/2011 17:10:00
Collected By: J. BORSKI
County: OUTAGAMIE
Sample Source: AIR
Sample Depth:
Sample Information: 920-424-7887
Sample Location: 521 GRAND - BASEMENT
Sample Description: ON TABLE NEXT TO OPEN SUMP - 8 HR

ID#:
Waterbody/Outfall ID:
Point/Well:
Account #: DH060
Project No:
Date Received: 03/17/2011
Date Reported: 03/23/2011
Sample Reason:

Analyses and Results:

Analysis Date	Lab Comment
03/21/2011	INTERFERENCE INDICATED BY *I.

Analysis Method	Result	Units	LOD	LOQ	Report Limit
PROPENE	*I <1.68	PPB V	0.085	0.280	
DICHLORODIFLUOROMETHANE	0.498	PPB V	0.085	0.280	
CHLOROMETHANE	0.462	PPB V	0.085	0.280	
1,2-DICHLOROTETRAFLUOROETHANE	ND	PPB V	0.10	0.330	
VINYL CHLORIDE	ND	PPB V	0.085	0.280	
1,3-BUTADIENE	ND	PPB V	0.085	0.280	
BROMOMETHANE	ND	PPB V	0.085	0.280	
CHLOROETHANE	ND	PPB V	0.085	0.280	
ACROLEIN	0.600	PPB V	0.400	1.32	
Note: The reported value above is equal to or greater than the LOD and less than the LOQ.					
ACETONE	5.06	PPB V	0.400	1.32	
HALOCARBON 11	0.304	PPB V	0.085	0.280	
1,1-DICHLOROETHENE	ND	PPB V	0.085	0.280	

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

Laboratory Report

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

Environmental Health Division Organic Chemistry

WDNR LAB ID: 113133790 NELAP LAB ID: E37658 EPA LAB WI00007 WI DATCP ID: 105-415

WSLH Sample: OV004605

Analysis Method	Result	Units	LOD	LOQ	Report Limit
METHYLENE CHLORIDE	ND	PPB V	0.085	0.280	
CARBON DISULFIDE	ND	PPB V	0.085	0.280	
1,1,2-TRICHLOROTRIFLUOROETHANE	ND	PPB V	0.085	0.280	
TRANS-1,2-DICHLOROETHYLENE	ND	PPB V	0.085	0.280	
1,1-DICHLOROETHANE	ND	PPB V	0.085	0.280	
TERT-BUTYL METHYL ETHER	ND	PPB V	0.085	0.280	
VINYL ACETATE	0.467	PPB V	0.085	0.280	
METHYL ETHYL KETONE	0.547	PPB V	0.085	0.280	
CIS-1,2-DICHLOROETHYLENE	ND	PPB V	0.085	0.280	
HEXANE	0.288	PPB V	0.085	0.280	
CHLOROFORM	ND	PPB V	0.085	0.280	
ETHYL ACETATE	0.35	PPB V	0.085	0.280	
TETRAHYDROFURAN	ND	PPB V	0.400	1.32	
1,2-DICHLOROETHANE	ND	PPB V	0.085	0.280	
1,1,1-TRICHLOROETHANE	ND	PPB V	0.085	0.280	
BENZENE	0.714	PPB V	0.085	0.280	
CARBON TETRACHLORIDE	ND	PPB V	0.085	0.280	
CYCLOHEXANE	ND	PPB V	0.085	0.280	
1,2-DICHLOROPROPANE	ND	PPB V	0.085	0.280	
BROMODICHLOROMETHANE	ND	PPB V	0.10	0.33	
TRICHLOROETHYLENE	ND	PPB V	0.085	0.280	
1,4-DIOXANE	ND	PPB V	0.400	1.32	
HEPTANE	ND	PPB V	0.085	0.280	
CIS-1,3-DICHLOROPROPENE	ND	PPB V	0.085	0.280	
METHYL ISOBUTYL KETONE	ND	PPB V	0.400	1.32	
TRANS-1,3-DICHLOROPROPENE	ND	PPB V	0.085	0.280	
1,1,2-TRICHLOROETHANE	ND	PPB V	0.085	0.280	
TOLUENE	0.759	PPB V	0.085	0.280	
METHYL N-BUTYL KETONE	ND	PPB V	0.400	1.32	
DIBROMOCHLOROMETHANE	ND	PPB V	0.085	0.280	
1,2-DIBROMOETHANE	ND	PPB V	0.085	0.280	

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

Laboratory Report

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

Environmental Health Division Organic Chemistry

WDNR LAB ID: 113133790 NELAP LAB ID: E37658 EPA LAB WI00007 WI DATCP ID: 105-415

WSLH Sample: OV004605

Analysis Method	Result	Units	LOD	LOQ	Report Limit
TETRACHLOROETHYLENE	ND	PPB V	0.085	0.280	
CHLOROBENZENE	ND	PPB V	0.085	0.280	
ETHYLBENZENE	0.305	PPB V	0.085	0.280	
M/P-XYLENE	0.709	PPB V	0.170	0.561	
BROMOFORM	ND	PPB V	0.085	0.280	
STYRENE	ND	PPB V	0.085	0.280	
1,1,2,2-TETRACHLOROETHANE	ND	PPB V	0.085	0.280	
O-XYLENE	0.289	PPB V	0.085	0.280	
1-ETHYL-4-METHYL BENZENE	ND	PPB V	0.085	0.280	
1,3,5-TRIMETHYL BENZENE	ND	PPB V	0.085	0.280	
1,2,4-TRIMETHYL BENZENE	0.405	PPB V	0.085	0.280	
CHLOROMETHYL BENZENE (ALPHA)	ND	PPB V	0.085	0.280	
1,3-DICHLOROBENZENE	ND	PPB V	0.085	0.280	
1,4-DICHLOROBENZENE	ND	PPB V	0.085	0.280	
1,2-DICHLOROBENZENE	ND	PPB V	0.085	0.280	
1,2,4-TRICHLOROBENZENE	ND	PPB V	0.085	0.280	
HEXACHLORO-1,3-BUTADIENE	ND	PPB V	0.085	0.280	

Analysis Date 03/21/2011 Lab Comment

Analysis Method	Result	Units	LOD	LOQ	Report Limit
TOXIC ORGANIC COMPOUNDS IN AMBIENT AIR T015 - PREP	COMPLETE				1

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

Laboratory Report

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

Environmental Health Division Organic Chemistry

WDNR LAB ID: 113133790 NELAP LAB ID: E37658 EPA LAB WI00007 WI DATCP ID: 105-415

WSLH Sample: OV004605

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

List of Abbreviations:

LOD = Level of detection
LOQ = Level of quantification
ND = None detected. Results are less than the LOD

Responsible Party: Steve Geis

If there are questions about this report, please contact Steve Geis at 608-224-6269.

Report #: 9400572

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

Laboratory Report

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

Environmental Health Division Organic Chemistry

WDNR LAB ID: 113133790 NELAP LAB ID: E37658 EPA LAB WI00007 WI DATCP ID: 105-415

WSLH Sample: OV004604

BORSKJ

625 E. COUNTY RD Y, STE 700

OSHKOSH, WI 54901-9731

Bill To
Billing ID: 1979
Customer ID: 325192

Fee Exempt

ID#:
Field #: SDC-09
Waterbody/Outfall ID:
Collection Start: 03/15/2011 09:25:00
Point/Well:
Collection End: 03/16/2011 09:32:00
Account #: DH060
Collected By: J. BORSKI
Project No:
County: OUTAGAMIE
Date Received: 03/17/2011
Sample Source: AIR
Date Reported: 03/23/2011
Sample Depth:
Sample Reason:
Sample Information: 920-424-7887
Sample Location: 521 GRAND - FIRST FLOOR
Sample Description: ON KITCHEN TABLE IN LIVING ROOM - 24 HR

Analyses and Results:

Analysis Date 03/21/2011 Lab Comment

Analysis Method	Result	Units	LOD	LOQ	Report Limit
PROPENE	10.4	PPB V	0.085	0.280	
DICHLORODIFLUOROMETHANE	0.472	PPB V	0.085	0.280	
CHLOROMETHANE	3.36	PPB V	0.085	0.280	
1,2-DICHLOROTETRAFLUOROETHANE	ND	PPB V	0.10	0.330	
VINYL CHLORIDE	ND	PPB V	0.085	0.280	
1,3-BUTADIENE	ND	PPB V	0.085	0.280	
BROMOMETHANE	ND	PPB V	0.085	0.280	
CHLOROETHANE	ND	PPB V	0.085	0.280	
ACROLEIN	3.88	PPB V	0.400	1.32	
ACETONE	28.3	PPB V	0.400	1.32	
HALOCARBON 11	0.338	PPB V	0.085	0.280	
1,1-DICHLOROETHENE	ND	PPB V	0.085	0.280	
METHYLENE CHLORIDE	ND	PPB V	0.085	0.280	

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

Laboratory Report

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

Environmental Health Division Organic Chemistry

WDNR LAB ID: 113133790 NELAP LAB ID: E37658 EPA LAB WI00007 WI DATCP ID: 105-415

WSLH Sample: OV004604

Analysis Method	Result	Units	LOD	LOQ	Report Limit
CARBON DISULFIDE	ND	PPB V	0.085	0.280	
1,1,2-TRICHLOROTRIFLUOROETHANE	ND	PPB V	0.085	0.280	
TRANS-1,2-DICHLOROETHYLENE	ND	PPB V	0.085	0.280	
1,1-DICHLOROETHANE	ND	PPB V	0.085	0.280	
TERT-BUTYL METHYL ETHER	ND	PPB V	0.085	0.280	
VINYL ACETATE	1.73	PPB V	0.085	0.280	
METHYL ETHYL KETONE	2.95	PPB V	0.085	0.280	
CIS-1,2-DICHLOROETHYLENE	ND	PPB V	0.085	0.280	
HEXANE	0.970	PPB V	0.085	0.280	
CHLOROFORM	ND	PPB V	0.085	0.280	
ETHYL ACETATE	24.	PPB V	0.085	0.280	
TETRAHYDROFURAN	1.05	PPB V	0.400	1.32	
Note: The reported value above is equal to or greater than the LOD and less than the LOQ.					
1,2-DICHLOROETHANE	ND	PPB V	0.085	0.280	
1,1,1-TRICHLOROETHANE	ND	PPB V	0.085	0.280	
BENZENE	1.87	PPB V	0.085	0.280	
CARBON TETRACHLORIDE	0.280	PPB V	0.085	0.280	
CYCLOHEXANE	ND	PPB V	0.085	0.280	
1,2-DICHLOROPROPANE	ND	PPB V	0.085	0.280	
BROMODICHLOROMETHANE	ND	PPB V	0.10	0.33	
TRICHLOROETHYLENE	ND	PPB V	0.085	0.280	
1,4-DIOXANE	ND	PPB V	0.400	1.32	
HEPTANE	0.525	PPB V	0.085	0.280	
CIS-1,3-DICHLOROPROPENE	ND	PPB V	0.085	0.280	
METHYL ISOBUTYL KETONE	ND	PPB V	0.400	1.32	
TRANS-1,3-DICHLOROPROPENE	ND	PPB V	0.085	0.280	
1,1,2-TRICHLOROETHANE	ND	PPB V	0.085	0.280	
TOLUENE	3.15	PPB V	0.085	0.280	
METHYL N-BUTYL KETONE	ND	PPB V	0.400	1.32	
DIBROMOCHLOROMETHANE	ND	PPB V	0.085	0.280	

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

Laboratory Report

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

Environmental Health Division Organic Chemistry

WDNR LAB ID: 113133790 NELAP LAB ID: E37658 EPA LAB WI00007 WI DATCP ID: 105-415

WSLH Sample: OV004604

Analysis Method	Result	Units	LOD	LOQ	Report Limit
1,2-DIBROMOETHANE	ND	PPB V	0.085	0.280	
TETRACHLOROETHYLENE	ND	PPB V	0.085	0.280	
CHLOROBENZENE	ND	PPB V	0.085	0.280	
ETHYLBENZENE	0.543	PPB V	0.085	0.280	
M/P-XYLENE	1.31	PPB V	0.170	0.561	
BROMOFORM	ND	PPB V	0.085	0.280	
STYRENE	0.640	PPB V	0.085	0.280	
1,1,2,2-TETRACHLOROETHANE	ND	PPB V	0.085	0.280	
O-XYLENE	0.434	PPB V	0.085	0.280	
1-ETHYL-4-METHYL BENZENE	0.410	PPB V	0.085	0.280	
1,3,5-TRIMETHYL BENZENE	0.291	PPB V	0.085	0.280	
1,2,4-TRIMETHYL BENZENE	0.624	PPB V	0.085	0.280	
CHLOROMETHYL BENZENE (ALPHA)	ND	PPB V	0.085	0.280	
1,3-DICHLOROBENZENE	ND	PPB V	0.085	0.280	
1,4-DICHLOROBENZENE	ND	PPB V	0.085	0.280	
1,2-DICHLOROBENZENE	ND	PPB V	0.085	0.280	
1,2,4-TRICHLOROBENZENE	ND	PPB V	0.085	0.280	
HEXACHLORO-1,3-BUTADIENE	ND	PPB V	0.085	0.280	

Analysis Date	Lab Comment
03/21/2011	

Analysis Method	Result	Units	LOD	LOQ	Report Limit
TOXIC ORGANIC COMPOUNDS IN AMBIENT AIR T015 - PREP	COMPLETE				1

Analysis Date	Lab Comment
03/21/2011	

Analysis Method	Result	Units	LOD	LOQ	Report Limit
SINGLE SAMPLE PREPARATION 4	COMPLETE				

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

Laboratory Report

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

Environmental Health Division Organic Chemistry

WDNR LAB ID: 113133790 NELAP LAB ID: E37658 EPA LAB WI00007 WI DATCP ID: 105-415

WSLH Sample: OV004604

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

List of Abbreviations:

LOD = Level of detection
LOQ = Level of quantification
ND = None detected. Results are less than the LOD

Responsible Party: Steve Geis

If there are questions about this report, please contact Steve Geis at 608-224-6269.

Report #: 9400571