



**Remedial Investigation Report
Operable Unit 1 – Onsite Area
Admiral Cleaners (401075)
Watervliet, New York**

Appendix G: Soil Vapor Intrusion Forms

Prepared for

New York State Department of Environmental Conservation
625 Broadway
Albany, New York 12233



Prepared by

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Version: FINAL
EA Project No. 16025.04

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Appendix G

Soil Vapor Intrusion Forms

(Provided under separate cover)

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DAILY FIELD REPORT

Day: Monday Date: 12/11/2017



Temperature: (F) 30-34

Wind Direction: SW

Project Name: Admiral Cleaners

Weather: Overcast (am)

Overcast (pm)

NYSDEC Site # 401075

Contract # D007624-38

Arrive at site: 0900

Location: Watervliet, New York

Leave site: 1625

HEALTH & SAFETY:

Are there any changes to the Health & Safety Plan? Yes () No (x)
 (If yes, list the deviation under items for concern)

Are monitoring results at acceptable levels? Soil Yes () n/a (x) * No ()

Waters Yes () n/a (x) * No ()

Air Yes () n/a (x) * No ()

- If No, provide comments

OTHER ITEMS:

Site Sketch Attached: Yes () No (x)

Photos Taken: Yes (x) No ()

DESCRIPTION OF DAILY WORK PERFORMED:

E. Thieleman (EA) and J. Marra (EA) arrived onsite at 0900 after driving from Syracuse, met owner of the 601 and 603 19th St. buildings, and performed inspections and product inventories of the buildings' basements. J. Haugh (NYSDEC) arrived onsite at 0955, meeting the EA team at 1909 6th Ave. E. Thieleman, J. Marra, and J. Haugh offsite at 1625. The table below summarizes the work performed on 12/11/2017.

Building Number	Building Address	Work Performed on 12/11/2017
01	601 19 th St	Inspection/Inventory
02	603 19 th St	Inspection/Inventory
03	1909 6 th Ave	Inspection/Inventory and set up 24-hr samples (sub-slab and indoor air)
04	1913 6 th Ave	Inspection/Inventory and set up 24-hr samples (sub-slab and indoor air)
05	611 19 th Ave	Inspection/Inventory
06	625 19 th St	Inspection/Inventory
07	621 19 th St	Inspection/Inventory
08	605 19 th St	Inspection/Inventory and set up 24-hr sample (indoor air)
09	1906 7 th Ave	None

SAMPLING (Soil/Water/Air)

The following samples were set up on 12/11/2017:

BLDG #	Sample Name	Sample Type	Regulator Type	Start Date/Time	Start Pressure (in. Hg)	End Date/Time	End Pressure (in. Hg)
03	401075-IA-03	Indoor Air	24-hr	12/11 (1215)	-35	--	--
03	401075-SS-03	Sub-Slab	24-hr	12/11 (1213)	-32	--	--
04	401075-IA-04	Indoor Air	24-hr	12/11 (1356)	-27.5	--	--
04	401075-SS-04	Sub-Slab	24-hr	12/11 (1358)	-29.5	--	--
08	401075-IA-08	Indoor Air	24-hr	12/11 (1620)	-34	--	--

DAILY FIELD REPORT

Day: Monday Date: 12/11/2017

CONTRACTOR/SUBCONTRACTOR EQUIPMENT AND PERSONNEL ON SITE:

EA personnel: Erica Thieleman, Justin Marra

EA equipment: PID (ppbRAE 3000), Helium Leak Detector (MGD-2002), SKC air pump, hammer drill, torch, 34-L helium canister and regulator.

Subcontractor personnel: None

Subcontractor equipment: None

*(*Indicates active equipment)*

Other Subcontractors: None

VISITORS TO SITE:

J. Haugh (NYSDEC)

PROJECT SCHEDULE ISSUES:

None

PROJECT BUDGET ISSUES:

None

ITEMS OF CONCERN:

None

COMMENTS:

Decisions to set up sub-slab and indoor air samples versus indoor air samples only were made in consultation with NYSDEC based on basement flooring type and building use. EA also discussed the need to perform 24-hr samples versus 8-hr samples in buildings with commercial businesses, and buildings with mixed commercial and residential use. J. Haugh to consult NYSDOH to determine types, amounts, and locations of samples to be taken at 611 19th Ave and 625 19th St.

ATTACHMENT(S) TO THIS REPORT:

Photo Log

SITE REPRESENTATIVE:

Name: Erica Thieleman



11 December 2017

cc:

DAILY FIELD REPORT**Day: Tuesday Date: 12/12/2017****Temperature: (F)** 30-39**Wind Direction:** S**Project Name:** Admiral Cleaners**Weather:** Snow (am)

Rain (pm)

NYSDEC Site # 401075**Contract #** D007624-38**Arrive at site:** 0800**Location:** Watervliet, New York**Leave site:** 1820**HEALTH & SAFETY:**

Are there any changes to the Health & Safety Plan? Yes () No (x)
 (If yes, list the deviation under items for concern)

Are monitoring results at acceptable levels? Soil Yes () n/a (x) * No ()

Waters Yes () n/a (x) * No ()

Air Yes () n/a (x) * No ()

- If No, provide comments

OTHER ITEMS:

Site Sketch Attached: Yes () No (x)

Photos Taken: Yes (x) No ()

DESCRIPTION OF DAILY WORK PERFORMED:

E. Thieleman (EA), J. Marra (EA), and C. Schroer (EA) arrived onsite at 0800, and began work at 601 19th St. Work performed on 12/12/2017 is summarized in the table below. J. Haugh (NYSDEC) arrived onsite at 1100, meeting EA team at 1909 6th Ave. C. Schroer offsite at 1420, J. Haugh offsite at 1445, E. Thieleman and J. Marra offsite at 1820.

Building Number	Building Address	Work Performed on 12/11/2017
01	601 19 th St	Set up/collect 8-hr samples (sub-slab and two indoor air)
02	603 19 th St	Set up/collect 8-hr samples (sub-slab and indoor air)
03	1909 6 th Ave	Collect 24-hr samples (sub-slab and indoor air), and set up 24-hr outdoor air sample
04	1913 6 th Ave	Collect 24-hr samples (sub-slab and indoor air)
05	611 19 th Ave	Set up 24-hr samples (three indoor air samples and a field dup)
06	625 19 th St	Set up 24-hr sample (indoor air on first floor)
07	621 19 th St	Set up 24-hr samples (indoor air and outdoor air)
08	605 19 th St	Collect 24-hr sample (indoor air)
09	1906 7 th Ave	Inspection/Inventory and set up 24-hr samples (two indoor air)

DAILY FIELD REPORT

Day: Tuesday Date: 12/12/2017

SAMPLING (Soil/Water/Air)

The following samples were set up/collected on 12/12/2017:

Building Number	Sample Name	Sample Type	Regulator Type	Start Date/Time	Start Pressure (in. Hg)	End Date/Time	End Pressure (in. Hg)
01	401075-SS-01	Sub-slab	8-hr	12/12 (0926)	-29	12/12 (1640)	-8
01	401075-IA-01A	Indoor Air	8-hr	12/12 (0927)	-29	12/12 (1640)	-7
01	401075-IA-01B	Indoor Air	8-hr	12/12 (0931)	-30	12/12 (1644)	-8
02	401075-SS-02	Sub-slab	8-hr	12/12 (1013)	-30	12/12 (1809)	-7
02	401075-IA-02	Indoor Air	8-hr	12/12 (1014)	-32	12/12 (1814)	-9.5
03	401075-OA-03	Outdoor Air	24-hr	12/12 (1127)	-29.5	--	--
03	401075-IA-03	Indoor Air	24-hr	12/11 (1215)	-35	12/12 (1145)	-7.5
03	401075-SS-03	Sub-Slab	24-hr	12/11 (1213)	-32	12/12 (1145)	-5
04	401075-IA-04	Indoor Air	24-hr	12/11 (1356)	-27.5	12/12 (1251)	-7.5
04	401075-SS-04	Sub-Slab	24-hr	12/11 (1358)	-29.5	12/12 (1251)	-5.5
05	401075-IA-05-B	Indoor Air	24-hr	12/12 (1414)	-30.5	--	--
05	401075-FD	Indoor Air	24-hr	12/12 (1414)	-28	--	--
05	401075-IA-05-F1	Indoor Air	24-hr	12/12 (1420)	-35	--	--
05	401075-IA-05-F2	Indoor Air	24-hr	12/12 (1430)	-25.5	--	--
06	401075-IA-06-F1	Indoor Air	24-hr	12/12 (1321)	-32	--	--
07	401075-IA-07	Indoor Air	24-hr	12/12 (1040)	-27.5	--	--
07	401075-OA-07	Outdoor Air	24-hr	12/12 (1044)	-28	--	--
08	401075-IA-08	Indoor Air	24-hr	12/11 (1620)	-34	12/12 (1535)	-7
09	401075-IA-09A	Indoor Air	24-hr	12/12 (1232)	-28.5	--	--
09	401075-IA-09B	Indoor Air	24-hr	12/12 (1240)	-27.5	--	--

CONTRACTOR/SUBCONTRACTOR EQUIPMENT AND PERSONNEL ON SITE:*EA personnel:* Erica Thieleman, Justin Marra, Christopher Schroer*EA equipment:* PID (ppbRAE 3000), Helium Leak Detector (MGD-2002), SKC air pump, hammer drill, torch, 34-L helium canister and regulator.*Subcontractor personnel:* None*Subcontractor equipment:* None

(*Indicates active equipment)

Other Subcontractors: None**VISITORS TO SITE:**

J. Haugh (NYSDEC)

PROJECT SCHEDULE ISSUES:

None

PROJECT BUDGET ISSUES:

None

ITEMS OF CONCERN:

None

COMMENTS:

DAILY FIELD REPORT**Day: Tuesday Date: 12/12/2017**

The following table describes the building use and basement flooring type based on inspections performed on 12/11/2017 and 12/12/2017:

Building Number	Building Address	Building Use	Non-residential Use	Basement Flooring Type
01	601 19 th St	Commercial	Pharmacy (1 st Floor)	Slab
02	603 19 th St	Commercial	Unoccupied office space (1 st Floor)	Slab
03	1909 6 th Ave	Residential	--	Slab
04	1913 6 th Ave	Residential	--	Slab/Dirt
05	611 19 th Ave	Residential/ Commercial	Daycare (2 nd Floor)	Dirt
06	625 19 th St	Residential/ Commercial	Flower Shop (1 st Floor)	Slab/Dirt
07	621 19 th St	Residential	--	Dirt
08	605 19 th St	Residential	--	Dirt
09	1906 7 th Ave	Residential	--	Dirt

- At the request of the NYSDOH and NYSDEC, EA collected indoor air samples from the basement, first floor, and second floor (in the middle of the daycare) from 611 19th Ave.
- At the request of the NYSDOH and NYSDEC, EA collected indoor air samples from the basement and first floor, and a sub-slab sample from 625 19th St.
- The basement in 601 19th is divided into two separate sections, divided by a door. One section was built in the 1800s with a slab in poor-to-average condition, while the other section is newer with a slab in good condition. EA attempted to collect sub-slab and indoor air samples from both sides; however, groundwater was encountered when drilling in the newer slab.
- 1906 7th Ave has two separate basements with two separate entrances. Both have dirt floors. An indoor air sample was collected from each basement.

ATTACHMENT(S) TO THIS REPORT:

Photo Log

SITE REPRESENTATIVE:

Name: Erica Thieleman



12 December 2017

cc:

DAILY FIELD REPORT**Day: Wednesday Date: 12/13/2017****Temperature: (F)** 18-22**Wind Direction:** WNW**Project Name:** Admiral Cleaners**Weather:** Overcast (am)

Overcast (pm)

NYSDEC Site # 401075**Contract #** D007624-38**Arrive at site:** 0900**Location:** Watervliet, New York**Leave site:** 1610**HEALTH & SAFETY:**

Are there any changes to the Health & Safety Plan? Yes () No (x)
 (If yes, list the deviation under items for concern)

Are monitoring results at acceptable levels? Soil Yes () n/a (x) * No ()

Waters Yes () n/a (x) * No ()

Air Yes () n/a (x) * No ()

- *If No, provide comments*

OTHER ITEMS:

Site Sketch Attached: Yes () No (x)

Photos Taken: Yes (x) No ()

DESCRIPTION OF DAILY WORK PERFORMED:

E. Thieleman (EA) and J. Marra (EA) arrived onsite at 0900 and began work at 625 19th St. Work performed on 12/13/2017 is summarized in the table below. E. Thieleman and J. Marra offsite at 1610, to drive back to Syracuse.

Building Number	Building Address	Work Performed on 12/11/2017
01	601 19 th St	None
02	603 19 th St	None
03	1909 6 th Ave	Collect 24-hr sample (outdoor air)
04	1913 6 th Ave	None
05	611 19 th Ave	Collect 24-hr samples (three indoor air samples and a field dup)
06	625 19 th St	Set up/collect 8-hr samples (indoor air and sub-slab in basement) and collect 24-hr sample (indoor air on first floor)
07	621 19 th St	Collect 24-hr samples (indoor air and outdoor air)
08	605 19 th St	None
09	1906 7 th Ave	Collect 24-hr samples (two indoor air)

DAILY FIELD REPORT

Day: Wednesday Date: 12/13/2017

SAMPLING (Soil/Water/Air)

The following samples were set up/collected on 12/13/2017:

Bldg.	Sample Name	Sample Type	Regulator Type	Start Date/Time	Start Pressure (in. Hg)	End Date/Time	End Pressure (in. Hg)
03	401075-OA-03	Outdoor Air	24-hr	12/12 (1127)	-29.5	12/13 (1120)	-6.5
05	401075-IA-05-B	Indoor Air	24-hr	12/12 (1414)	-30.5	12/13 (1242)	-5
05	401075-FD	Indoor Air	24-hr	12/12 (1414)	-28	12/13 (1242)	-6
05	401075-IA-05-F1	Indoor Air	24-hr	12/12 (1420)	-35	12/13 (1326)	-8
05	401075-IA-05-F2	Indoor Air	24-hr	12/12 (1430)	-25.5	12/13 (1237)	0
06	401075-IA-06-F1	Indoor Air	24-hr	12/12 (1321)	-32	12/13 (1315)	-6.5
06	401075-IA-06-B	Indoor Air	8-hr	12/13 (0945)	-28	12/13 (1605)	-7.5
06	401075-SS-06	Sub-Slab	8-hr	12/13 (0940)	-28	12/13 (1505)	-6
07	401075-IA-07	Indoor Air	24-hr	12/12 (1040)	-27.5	12/13 (1002)	-0.5
07	401075-OA-07	Outdoor Air	24-hr	12/12 (1044)	-28	12/13 (1032)	-6.5
09	401075-IA-09A	Indoor Air	24-hr	12/12 (1232)	-28.5	12/13 (1226)	-6.5
09	401075-IA-09B	Indoor Air	24-hr	12/12 (1240)	-27.5	12/13 (1138)	-4

CONTRACTOR/SUBCONTRACTOR EQUIPMENT AND PERSONNEL ON SITE:*EA personnel:* Erica Thieleman, Justin Marra*EA equipment:* PID (ppbRAE 3000), Helium Leak Detector (MGD-2002), SKC air pump, hammer drill, torch, 34-L helium canister and regulator.*Subcontractor personnel:* None*Subcontractor equipment:* None*(*Indicates active equipment)**Other Subcontractors:* None**VISITORS TO SITE:**

None

PROJECT SCHEDULE ISSUES:

None

PROJECT BUDGET ISSUES:

None

ITEMS OF CONCERN:

The sample canister for sample 401075-IA-05-F2 reached zero in. Hg, due to its lower starting pressure and EA's limited access to check on the sample's progress. This sample was located in the middle of the daycare facility, on the second floor of 611 19th St. However, three more samples (one from the first floor, another from the basement, and a field duplicate from the basement) were successfully collected from 611 19th St.

COMMENTS:

None

ATTACHMENT(S) TO THIS REPORT:

Photo Log

SITE REPRESENTATIVE:

Name: Erica Thieleman



13 December 2017

DAILY FIELD REPORT

Day: Tuesday Date: 03/13/2018



Temperature: (F) 30-33

Wind Direction: N

Project Name: Admiral Cleaners

Weather: Snow (am)

Snow (pm)

NYSDEC Site # 401075

Contract # D007624-38

Arrive at site: 0840

Location: Watervliet, New York

Leave site: 1800

HEALTH & SAFETY:

Are there any changes to the Health & Safety Plan? Yes () No (x)
(If yes, list the deviation under items for concern)

Are monitoring results at acceptable levels? Soil Yes () n/a (x) * No ()

Waters Yes () n/a (x) * No ()

Air Yes () n/a (x) * No ()

- If No, provide comments

OTHER ITEMS:

Site Sketch Attached: Yes () No (x)

Photos Taken: Yes (x) No ()

DESCRIPTION OF DAILY WORK PERFORMED:

- E. Thieleman (EA) and S. Soldner (EA) arrived onsite at 0840 after driving from Syracuse, NY. Review work plan, H&S meeting, unload equipment. EA has gotten in touch with all property owners except the owner of Structure 09; make another attempt to contact owner.
- Set up 8-hr indoor air sample on first floor of Structure 06 (625 19th St.), and 8-hr upwind (N) and downwind (S) outdoor air samples. J. Haugh (NYSDEC) onsite at 1040. First floor indoor air sample moved from previous location in center of store to rear of store, away from glue being used near previous location.
- Return to Structure 06 to set up 24-hr sub-slab soil vapor and indoor air samples in basement. J. Haugh offsite at 1200. Encounter issue with drill during set up of sub-slab soil vapor point at Structure 06, S. Soldner offsite at 1220 to resolve issue. S. Soldner onsite and drilling resumes at 1300. Set up sub-slab soil vapor and basement indoor air samples in Structure 06.
- Set up three indoor air samples and a field duplicate in Structure 05 (611 19th St), one sample collected on each floor. First floor sample collected from inside apartment, instead of at previous sampling location in the foyer. Second floor location moved from a high shelf in the daycare playroom to a location at breathing level in the office.
- Collect 8-hr outdoor samples and 8-hr indoor air sample from structure 06.
- EA offsite at 1800. S. Soldner drives back to Syracuse.

DAILY FIELD REPORT

Day: Tuesday Date: 03/13/2018

SAMPLING (Soil/Water/Air)

The following samples were set up/collected on 12/13/2017:

Bldg.	Sample Name	Sample Type	Regulator Type	Set up/ Collected	Notes
05	401075-IA-05-B-0318	Indoor Air	24-hr	Set up	--
05	401075-IA-FD-0318	Indoor Air	24-hr	Set up	Parent sample: 401075-IA-05-B-0318
05	401075-IA-05-F1-0318	Indoor Air	24-hr	Set up	Sample collected in first floor apartment.
05	401075-IA-05-F2-0318	Indoor Air	24-hr	Set up	Sample collected in daycare office at breathing level.
06	401075-IA-06-F1-0318	Indoor Air	8-hr	Set up/ Collected	Sample collected in rear of first floor, away from glue being used near previous sampling location.
06	401075-IA-06-B-0318	Indoor Air	24-hr	Set up	--
06	401075-SS-06-0318	Sub-Slab	24-hr	Set up	--
Outdoor	401075-IA-UW-0318	Outdoor Air	8-hr	Set up/ Collected	Upwind (N) sample – collected at utility pole near 1926 7 th Ave.
Outdoor	401075-OA-DW-0318	Outdoor Air	8-hr	Set up/ Collected	Downwind (S) sample - collected property boundary of 611 and 605 19 th St.

CONTRACTOR/SUBCONTRACTOR EQUIPMENT AND PERSONNEL ON SITE:*EA personnel:* Erica Thieleman, Stephen Soldner*EA equipment:* PID (ppbRAE 3000), Helium Leak Detector (MGD-2002), SKC air pump, hammer drill, torch, 34-L helium canister and regulator.*Subcontractor personnel:* None*Subcontractor equipment:* None*(*Indicates active equipment)**Other Subcontractors:* None**VISITORS TO SITE:**

J. Haugh (NYSDEC)

PROJECT SCHEDULE ISSUES:

None

PROJECT BUDGET ISSUES:

None

ITEMS OF CONCERN:We were unable to get in touch with the owner of 1906 7th Ave. prior to, or during, this sampling event. As a result, we were unable to resample indoor air in Structure 09.**COMMENTS:**

None

ATTACHMENT(S) TO THIS REPORT:

Photo Log

SITE REPRESENTATIVE:

DAILY FIELD REPORT

Day: Tuesday Date: 03/13/2018

Name: Erica Thieleman

A handwritten signature in black ink, appearing to read "Erica Thieleman".

13 March 2018

cc:

DAILY FIELD REPORT

Day: Monday Date: 01/28/2019



Temperature: (F) 14-22

Wind Direction: SE/SW

Project Name: Admiral Cleaners

Weather: Sunny (am)

Partly Cloudy (pm)

NYSDEC Site # 401075

Contract # D007624-38

Arrive at site: 0930

Location: Watervliet, New York

Leave site: 1645

HEALTH & SAFETY:

Are there any changes to the Health & Safety Plan? Yes () No (x)
(If yes, list the deviation under items for concern)

Are monitoring results at acceptable levels? Soil Yes () n/a (x) * No ()

Waters Yes () n/a (x) * No ()

Air Yes () n/a (x) * No ()

- If No, provide comments

OTHER ITEMS:

Site Sketch Attached: Yes (x) No ()

Photos Taken: Yes (x) No ()

DESCRIPTION OF DAILY WORK PERFORMED:

- Prior to sampling activities, EA was able to get in contact with 7 of the 9 property owners. Two of the property owners contacted declined sampling, one requested we speak with him while we are onsite to get permission, four gave verbal permission, however, EA was unable to get in contact with one of the property managers or the owner again to schedule an appointment. Property owner information and contact log attached.
- E. Thieleman (EA) and G. Reeder (EA) arrived onsite at 0930 after driving from Syracuse, NY. Review work plan, H&S meeting, unload equipment. Makes phone calls to attempt to reach property owners that could not be reached in previous weeks and knocks on doors of properties where property owner contact information could not be gathered previously.
- J. Haugh (NYSDEC) onsite at 1015. J. Haugh discusses VI sampling with the property owner of 614 19th Ave, gets permission to perform sampling on property.
- Perform surveys and set up indoor air samples in the two basements of 616-18-20 19th St. (Structure 11), and the crawl space of 1902 7TH Ave (Structure 12). Attempted to set up sub-slab sample in western basement of 616-18-20 19th St, but groundwater emerged when a hole was drilled through the concrete. Sample and survey information is included below.
- Per J. Haugh's conversation with NYSDOH contact, EA reached out to property owners to request permission to set up indoor air samples on first floors of properties where sub-slab samples could not be collected. Inspected the basement of 614 19th Ave and made an appointment with the property owner to perform a survey and sampling the following morning. J. Haugh offsite at 1530.
- Performed another round of knocking on doors to attempt to collect contact information for remaining property owners or managers, and made another round of phone calls. EA offsite at 1645.

DAILY FIELD REPORT

Day: Monday Date: 01/28/2019

PROPERTY INFORMATION

Structure No.	Address	Property Use	Room Sampled	Room Description
11	616-18-20 19 th Ave	1 st floor - Hair Salon and Meal Prep Business. 2 nd Floor - apartments	Basement A (west side, Below Meal Prep business and Hair Salon)	Limited storage use; half earthen floor, half old concrete. Recent flooding; floor still wet.
			Basement B (east side, below Hair Salon)	Very limited storage use; earthen floor.
12	1902 7 th Ave	Apartments (two). First floor apartment currently unoccupied.	Basement	Crawl space; Empty except for two hot water heaters.

SAMPLING (Soil/Water/Air)

The following 24-hour samples were set up/collected on 01/28/19:

Bldg.	Sample Name	Sample Type	Location	Activity	Notes
11	401075-IA-11A	Indoor Air	Bldg. 11, Basement A	Set up	Attempted sub-slab; groundwater infiltrated hole drilled through the slab.
11	401075-IA-11B	Indoor Air	Bldg. 11, Basement B	Set up	--
12	401075-IA-12-B	Indoor Air	Bldg. 12 Crawl Space	Set up	--
11	401075-IA-DUP-012819	Indoor Air	Bldg. 11, Basement B	Set up	Parent: 401075-IA-11B

CONTRACTOR/SUBCONTRACTOR EQUIPMENT AND PERSONNEL ON SITE:*EA personnel:* Erica Thieleman, Grant Reeder*EA equipment:* PID (ppbRAE 3000), Helium Leak Detector (MGD-2002), SKC air pump, hammer drill, torch, 34-L helium canister and regulator.*Subcontractor personnel:* None*Subcontractor equipment:* None*(*Indicates active equipment)**Other Subcontractors:* None**VISITORS TO SITE:**

J. Haugh (NYSDEC)

PROJECT SCHEDULE ISSUES:

None

PROJECT BUDGET ISSUES:

None

ITEMS OF CONCERN:

Unable to contact several property owners to schedule VI sampling (see attached contact log).

COMMENTS:

None

ATTACHMENT(S) TO THIS REPORT:

Photo Log

Resident Contact Log

SITE REPRESENTATIVE:

Name: Erica Thieleman



28 January 2019

cc: Chris Schroer

01/28/2019 Sample Locations



DAILY FIELD REPORT

Day: Tuesday Date: 01/29/2019



Temperature: (F) 13-21

Wind Direction: NW

Project Name: Admiral Cleaners

Weather: Overcast (am)

Light snow (pm)

NYSDEC Site # 401075

Contract # D007624-38

Arrive at site: 0830

Location: Watervliet, New York

Leave site: 1500

HEALTH & SAFETY:

Are there any changes to the Health & Safety Plan? Yes () No (x)
(If yes, list the deviation under items for concern)

Are monitoring results at acceptable levels? Soil Yes () n/a (x) * No ()

Waters Yes () n/a (x) * No ()

Air Yes () n/a (x) * No ()

- If No, provide comments

OTHER ITEMS:

Site Sketch Attached: Yes (x) No ()

Photos Taken: Yes (x) No ()

DESCRIPTION OF DAILY WORK PERFORMED:

- E. Thieleman (EA) and G. Reeder (EA) arrived onsite at 0830. Confirm number and types of IDW drums onsite for disposal. Receive call from owner of 1919 6th Ave. canceling sampling appointment for 4:30pm – the building’s pipes had burst and the basement was flooded.
- Received call at 0845 from J. Haugh (NYSDEC) and discussed schedule updates and property owner contact information updates.
- Perform survey and set up indoor air samples in the basement and first floor (computer repair shop) of 614 19th Ave (Structure 13), first floor of 616-18-20 19th Ave (Structure 11, in the meal preparation store front), and first floor of 1902 (Structure 12, unoccupied apartment). Attempted to install sub-slab sample in Structure 13, but failed to draw air from sub-slab during leak testing – slab likely installed directly above shale bedrock.
- Collect samples and field duplicate sample from basements of Structure 11 (basements A and B), and Structure 12.
- Set up outdoor air samples. Upwind sample locked to telephone pole between 1920 and 1926 7th Ave. Downwind sample locked to telephone pole between 1841 and 1837 6th Ave. Intake tubing used in preparation for approaching snowstorm. Wrapped signage and sample tags in plastic.
- EA offsite at 1500, performed QC on sample tags and paperwork, and chain of custody indoors due to incoming inclement weather.

DAILY FIELD REPORT

Day: Tuesday Date: 01/29/2019

PROPERTY INFORMATION

Structure No.	Address	Property Use	Room Sampled	Room Description
11	616-18-20 19 th Ave	1 st floor - Hair Salon and Meal Prep Business. 2 nd Floor - apartments	Basement A (west side, Below Meal Prep business and Hair Salon)	Limited storage use; half earthen floor, half old concrete. Recent flooding; floor still wet.
			Basement B (east side, below Hair Salon)	Very limited storage use; earthen floor.
			First Floor (Meal Prep business storefront)	Room separated by furniture or refrigerators into three sections – storefront, sinks and dishwashing area, and kitchen in the rear. Cleaning chemicals stored in middle area (PID reading 0).
12	1902 7 th Ave	Apartments (two). First floor apartment currently unoccupied.	Basement	Crawl space; Empty except for two hot water heaters.
13	614 19 th Ave	1 st floor - Computer Repair Store. 2 nd Floor – apartment.	Basement	Concrete floor; limited chemical storage; soil and shale bedrock exposed on two walls.
			First Floor (Computer Repair Store)	Tight space with computers, type writers, printers, and computer components.

SAMPLING (Soil/Water/Air)

The following 24-hr samples were set up/collected on 01/29/2019:

Bldg	Sample Name	Sample Type	Location	Activity	Notes
11	401075-IA-11A	Indoor Air	Bldg. 11, Basement A	Collected	Final pressure was -17 in. HG, after 26.75 hours. Regulator attachment component possibly damaged during installation.
11	401075-IA-11B	Indoor Air	Bldg. 11, Basement B	Collected	--
12	401075-IA-12-B	Indoor Air	Bldg. 12 crawl space	Collected	--
11	401075-IA-DUP-012819	Indoor Air	Bldg. 11, Basement B	Collected	Parent: 401075-IA-11B
11	401075-IA-11-F1	Indoor Air	Bldg. 11, first floor	Set up	--
12	401075-IA-12-F1	Indoor Air	Bldg. 12, first floor	Set up	--
13	401075-IA-13-B	Indoor Air	Bldg. 13 basement	Set up	--
13	401075-IA-13-F1	Indoor Air	Bldg. 13, first floor	Set up	--
--	401075-OA-UW	Outdoor Air	Between 1920 and 1926 7 th Ave.	Set up	--
--	401075-OA-DW	Outdoor Air	Between 1841 and 1837 6 th Ave	Set up	--

CONTRACTOR/SUBCONTRACTOR EQUIPMENT AND PERSONNEL ON SITE:

EA personnel: Erica Thieleman, Grant Reeder

EA equipment: PID (ppbRAE 3000), Helium Leak Detector (MGD-2002), SKC air pump, hammer drill, torch, 34-L helium canister and regulator.

Subcontractor personnel: None

Subcontractor equipment: None

*(*Indicates active equipment)*

Other Subcontractors: None

DAILY FIELD REPORT

Day: Tuesday Date: 01/29/2019

VISITORS TO SITE:

None

PROJECT SCHEDULE ISSUES:

None

PROJECT BUDGET ISSUES:

None

ITEMS OF CONCERN:

Unable to contact several property owners to schedule VI sampling (see attached contact log).

COMMENTS:

None

ATTACHMENT(S) TO THIS REPORT:

Photo Log

SITE REPRESENTATIVE:

Name: Erica Thieleman



29 January 2019

cc: Chris Schroer

All 01/29/2019 Indoor Air Sample Locations



All 01/29/2019 Sample Locations



DAILY FIELD REPORT

Day: Wednesday Date: 01/30/2019



Temperature: (F) 16-22

Wind Direction: WNW

Project Name: Admiral Cleaners

Weather: Partly Cloudy (am)
N/A (pm)

NYSDEC Site # 401075

Contract # D007624-38

Arrive at site: 0830

Location: Watervliet, New York

Leave site: 1200

HEALTH & SAFETY:

Are there any changes to the Health & Safety Plan? Yes () No (x)
(If yes, list the deviation under items for concern)

Are monitoring results at acceptable levels? Soil Yes () n/a (x) * No ()
Waters Yes () n/a (x) * No ()
Air Yes () n/a (x) * No ()

OTHER ITEMS:

Site Sketch Attached: Yes (x) No ()
Photos Taken: Yes () No (x)

- If No, provide comments

DESCRIPTION OF DAILY WORK PERFORMED:

- E. Thieleman (EA) and G. Reeder (EA) arrived onsite at 0830. Periodically check pressure gauges and pick up indoor air samples, IA-13-F1, IA-13-B, IA-11-F1, IA-12-F1 and outdoor air samples OA-UW and OA-DW. EA offsite at 1200.

PROPERTY INFORMATION

Structure No.	Address	Property Use	Room Sampled	Room Description
11	616-18-20 19 th Ave	1 st floor - Hair Salon and Meal Prep Business. 2 nd Floor - apartments	Basement A (west side, Below Meal Prep business and Hair Salon)	Limited storage use; half earthen floor, half old concrete. Recent flooding; floor still wet.
			Basement B (east side, below Hair Salon)	Very limited storage use; earthen floor.
			First Floor (Meal Prep business storefront)	Room separated by furniture or refrigerators into three sections – storefront, sinks and dishwashing area, and kitchen in the rear. Cleaning chemicals stored in middle area (PID reading 0).
12	1902 7 th Ave	Apartments (two). First floor apartment currently unoccupied.	Basement	Crawl space; Empty except for two hot water heaters.
13	614 19 th Ave	1 st floor - Computer Repair Store. 2 nd Floor – apartment.	Basement	Concrete floor; limited chemical storage; soil and shale bedrock exposed on two walls.
			First Floor (Computer Repair Store)	Tight space with computers, type writers, printers, and computer components.

DAILY FIELD REPORT

Day: Wednesday Date: 01/30/2019

SAMPLING (Soil/Water/Air)

The following samples were set up/collected on 01/30/2019:

Bldg	Sample Name	Sample Type	Location	Activity	Notes
11	401075-IA-11-F1	Indoor Air	Bldg. 11, first floor	Collected	--
12	401075-IA-12-F1	Indoor Air	Bldg. 12, first floor	Collected	--
13	401075-IA-13-B	Indoor Air	Bldg. 13 basement	Collected	--
13	401075-IA-13-F1	Indoor Air	Bldg. 13, first floor	Collected	--
--	401075-OA-UW	Outdoor Air	Between 1920 and 1926 7 th Ave.	Collected	--
--	401075-OA-DW	Outdoor Air	Between 1841 and 1837 6 th Ave	Collected	--

CONTRACTOR/SUBCONTRACTOR EQUIPMENT AND PERSONNEL ON SITE:*EA personnel:* Erica Thieleman, Grant Reeder*EA equipment:* PID (ppbRAE 3000), Helium Leak Detector (MGD-2002), SKC air pump, hammer drill, torch, 34-L helium canister and regulator.*Subcontractor personnel:* None*Subcontractor equipment:* None*(*Indicates active equipment)**Other Subcontractors:* None**VISITORS TO SITE:**

None

PROJECT SCHEDULE ISSUES:

None

PROJECT BUDGET ISSUES:

None

ITEMS OF CONCERN:

Unable to contact several property owners to schedule VI sampling (see attached contact log).

COMMENTS:

None

ATTACHMENT(S) TO THIS REPORT:

None

SITE REPRESENTATIVE:

Name: Erica Thieleman



30 January 2019

cc: Chris Schroer

All Sample Locations



DAILY FIELD REPORTDay: **Wednesday** Date: **03/13/2019**

Temperature: (F) 44

Wind Direction: SSW

Project Name: Admiral Cleaners

Weather: Sunny (am)

N/A (pm)

NYSDEC Site # 401075

Contract # D007624-38

Arrive at site: 1100

Location: Watervliet, New York

Leave site: 1720

HEALTH & SAFETY:Are there any changes to the Health & Safety Plan? Yes () No (x)
(If yes, list the deviation under items for concern)

Are monitoring results at acceptable levels? Soil Yes () n/a (x) * No ()

Waters Yes () n/a (x) * No ()

Air Yes () n/a (x) * No ()

- If No, provide comments

OTHER ITEMS:

Site Sketch Attached: Yes (x) No ()

Photos Taken: Yes (x) No ()

DESCRIPTION OF DAILY WORK PERFORMED:

E. Thieleman (EA) onsite at 1100, meet owner and tenant of 1910 7th Ave (Structure 14). Performed survey of Structure 14's basement, which has a part-concrete and part-earthen floor. Set up a sub-slab sample, a sub-slab field duplicate, and a basement indoor air sample. Performed survey and inventory of the first floor to collect a first floor indoor air sample. The tenant requested that the canister be placed up high so her cat would not be able to knock it down. The only location that would fit the canister up high was on top of the refrigerator. An intake tube was used to collect air from within the 3-5 ft above ground surface. The kitchen, however, contained multiple products that may interfere with the sample (craft glues, paints, cleaning supplies). All products seen were included in the location inventory.

Set up upwind and downwind outdoor air samples, then went to 1920 7th Ave for a 1530 appointment with the property owner. Left a message on the property owner's phone when she did not show up for the appointment. E. Thieleman offsite at 1600.

Received a call from the owner of 1919 6th Ave at 1620. Due to a family emergency, she was unable to keep the appointment, and gave verbal permission to set up a basement indoor air sample today. The owner declined to give permission to collect an indoor air sample on the first floor of the building. Exchanged email addresses to send her a copy of the access agreement to sign and return. Turned around and returned to the site at 1650.

Began survey and inventory of the basement of 1920 6th Ave. The property owner had said that the basement had an earthen floor, however, during the survey a section of concrete flooring was identified. Since the owner had not yet returned a signed access agreement, setup of a sub-slab sample and the corresponding basement indoor air sample was delayed pending return of a signed form. Left a message with the owner informing her of today's activities and requesting permission to collect a sub-slab soil vapor sample. E. Thieleman offsite for the day at 1720.

PROPERTY INFORMATION

Structure No.	Address	Property Use	Room Sampled	Room Description
14	1910 7 th Ave	Residential	Basement	Two room, unfinished basement/ crawl space. Partially concrete, partially earthen flooring.
			First Floor	Kitchen
15	1919 6 th Ave	Residential	Basement	One long hallway and two small rooms. Partially concrete, partially earthen flooring.

DAILY FIELD REPORT

Day: Wednesday Date: 03/13/2019

SAMPLING (Soil/Water/Air)

The following samples were set up/collected on 03/13/2019:

Bldg	Sample Name	Sample Type	Location	Activity	Notes
14	401075-SS-14-0319	Sub-Slab	Basement	Set Up	--
14	401075-FD-0319	Sub-Slab	Basement	Set Up	--
14	401075-IA-14-B-0319	Indoor Air	Basement	Set Up	--
14	401075-IA-14-F1-0319	Indoor Air	First Floor Kitchen	Set Up	Multiple potential sources of VOCs found
--	401075-OA-UW	Outdoor Air	In front of 1901 6 th Ave	Set Up	--
--	401075-OA-DW	Outdoor Air	Between 1920 and 1926 7 th Ave	Set Up	--

CONTRACTOR/SUBCONTRACTOR EQUIPMENT AND PERSONNEL ON SITE:*EA personnel:* Erica Thieleman*EA equipment:* PID (ppbRAE 3000), Helium Leak Detector (MGD-2002), SKC air pump, hammer drill, torch, 34-L helium canister and regulator.*Subcontractor personnel:* None*Subcontractor equipment:* None*(*Indicates active equipment)**Other Subcontractors:* None**VISITORS TO SITE:**

None

PROJECT SCHEDULE ISSUES:

None

PROJECT BUDGET ISSUES:

None

ITEMS OF CONCERN:

None

COMMENTS:

None

ATTACHMENT(S) TO THIS REPORT:

None

SITE REPRESENTATIVE:

Name: Erica Thieleman



13 March 2019

cc: Chris Schroer

DAILY FIELD REPORT**Day: Thursday Date: 03/14/2019****Temperature: (F)** 57-59**Wind Direction:** SSE**Project Name:** Admiral Cleaners**Weather:** Partly Cloudy (am)

Partly Cloudy (pm)

NYSDEC Site # 401075**Contract #** D007624-38**Arrive at site:** 1110**Location:** Watervliet, New York**Leave site:** 1315**HEALTH & SAFETY:**

Are there any changes to the Health & Safety Plan? Yes () No (x)
 (If yes, list the deviation under items for concern)

Are monitoring results at acceptable levels? Soil Yes () n/a (x) * No ()

Waters Yes () n/a (x) * No ()

Air Yes () n/a (x) * No ()

- If No, provide comments

OTHER ITEMS:

Site Sketch Attached: Yes (x) No ()

Photos Taken: Yes (x) No ()

DESCRIPTION OF DAILY WORK PERFORMED:

E. Thieleman (EA) onsite at 1110, collect samples from 1910 7th Ave (Structure 14), removed sub-slab tubing, and repair drilled hole. Collected two outdoor air samples. Roof painting/repair activities were performed earlier this morning at the property located just upwind of the upwind outdoor air sample. A photo of the paint used was taken.

The previous night, E. Thieleman received a signed copy of the access agreement from the owner of 1919 6th Ave (Structure 15). Earlier this morning, E. Thieleman received an additional email from the owner of 1919 6th Ave requesting that drilling not be performed at her property. E. Thieleman set up an indoor air sample at Structure 15. E. Thieleman offsite at 1315.

PROPERTY INFORMATION

Structure No.	Address	Property Use	Room Sampled	Room Description
14	1910 7 th Ave	Residential	Basement	Two room, unfinished basement/crawl space. Partially concrete, partially earthen flooring.
			First Floor	Kitchen
15	1919 6 th Ave.	Residential	Basement	One long hallway and two small rooms. Partially concrete, partially earthen flooring.

DAILY FIELD REPORT

Day: Thursday Date: 03/14/2019

SAMPLING (Soil/Water/Air)

The following samples were set up/collected on 03/14/2019:

Bldg	Sample Name	Sample Type	Location	Activity	Notes
14	401075-SS-14-0319	Indoor Air	Basement	Collected	--
14	401075-FD-0319	Indoor Air	Basement	Collected	--
14	401075-IA-14-B-0319	Indoor Air	Basement	Collected	--
14	401075-IA-14-F1-0319	Indoor Air	First Floor Kitchen	Collected	--
15	401075-IA-15-B-0319	Indoor Air	Basement	Set Up	--
--	401075-OA-UW	Outdoor Air	In front of 1901 6 th Ave	Collected	Roof painting performed at the property directly upwind of the sample location in the morning.
--	401075-OA-DW	Outdoor Air	Between 1920 and 1926 7 th Ave	Collected	--

CONTRACTOR/SUBCONTRACTOR EQUIPMENT AND PERSONNEL ON SITE:*EA personnel:* Erica Thieleman*EA equipment:* PID (ppbRAE 3000), Helium Leak Detector (MGD-2002), SKC air pump, hammer drill, torch, 34-L helium canister and regulator.*Subcontractor personnel:* None*Subcontractor equipment:* None*(*Indicates active equipment)**Other Subcontractors:* None**VISITORS TO SITE:**

None

PROJECT SCHEDULE ISSUES:

None

PROJECT BUDGET ISSUES:

None

ITEMS OF CONCERN:

None

COMMENTS:

None

ATTACHMENT(S) TO THIS REPORT:

None

SITE REPRESENTATIVE:

Name: Erica Thieleman



14 March 2019

cc: Chris Schroer

All Sample Locations



DAILY FIELD REPORT

Day: Friday Date: 03/15/2019



Temperature: (F) 60

Wind Direction: S

Project Name: Admiral Cleaners

 Weather: Overcast (am)
 N/A (pm)

NYSDEC Site # 401075

Contract # D007624-38

Arrive at site: 1035

Location: Watervliet, New York

Leave site: 1050

HEALTH & SAFETY:
 Are there any changes to the Health & Safety Plan? Yes () No (x)
 (If yes, list the deviation under items for concern)

Are monitoring results at acceptable levels?	Soil	Yes ()	n/a (x)	* No ()
	Waters	Yes ()	n/a (x)	* No ()
	Air	Yes ()	n/a (x)	* No ()

OTHER ITEMS:

Site Sketch Attached: Yes () No (x)

Photos Taken: Yes () No (x)

-
- If No, provide comments

DESCRIPTION OF DAILY WORK PERFORMED:

E. Thieleman (EA) and G. Reeder (EA) onsite at 1035. Collected sample from 1919 6th Ave (Structure 15). Prepared samples for shipping. EA offsite at 1050.

PROPERTY INFORMATION

Structure No.	Address	Property Use	Room Sampled	Room Description
14	1910 7 th Ave	Residential	Basement	Two room, unfinished basement/ crawl space. Partially concrete, partially earthen flooring.
			First Floor	Kitchen
15	1919 6 th Ave.	Residential	Basement	One long hallway and two small rooms. Partially concrete, partially earthen flooring.

DAILY FIELD REPORT

Day: Friday Date: 03/15/2019

SAMPLING (Soil/Water/Air)

The following samples were set up/collected on 03/14/2019:

Bldg	Sample Name	Sample Type	Location	Activity	Notes
15	401075-IA-15-B-0319	Indoor Air	Basement	Collected	--

CONTRACTOR/SUBCONTRACTOR EQUIPMENT AND PERSONNEL ON SITE:*EA personnel:* Erica Thieleman, Grant Reeder*EA equipment:* PID (ppbRAE 3000), Helium Leak Detector (MGD-2002), SKC air pump, hammer drill, torch, 34-L helium canister and regulator.*Subcontractor personnel:* None*Subcontractor equipment:* None*(*Indicates active equipment)**Other Subcontractors:* None**VISITORS TO SITE:**

None

PROJECT SCHEDULE ISSUES:

None

PROJECT BUDGET ISSUES:

None

ITEMS OF CONCERN:

None

COMMENTS:

None

ATTACHMENT(S) TO THIS REPORT:

None

SITE REPRESENTATIVE:

Name: Erica Thieleman



15 March 2019

cc: Chris Schroer

