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SCS ENGINEERS

January 20, 2017
File No. 25216211

Mr. Dave Stoneback
City of Evanston
Public Works Agency Director
555 Lincoln Street
Evanston, IL 60201

Subject: Sampling and Analytical Report for the Round-4, Drinking-Water Sampling Project in Evanston, Illinois

Dear Mr. Stoneback:

This letter transmits SCS Engineers' (SCS's) report titled, "Sampling and Analytical Report for the Round-4, Drinking-Water Sampling Project in Evanston, Illinois," as a searchable pdf file.

The document consists of text, tables, and figures. It documents the drinking-water-sampling work done by SCS in Evanston between November 28 and December 2, 2016, including:

- Procedures used,
- Personnel involved,
- Locations and media sampled, and
- Data collected.

Please call if you have any questions or concerns regarding the document.

Sincerely,

David M. Hendron, PE
Senior Project Manager
SCS ENGINEERS

DH/PEH/lmh/TJK

Enclosure: Sampling and Analytical Report for the Round-4, Drinking-Water Sampling Project in Evanston, Illinois

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SCS ENGINEERS

Sampling and Analytical Report for the Round-4, Drinking-Water Sampling Project in Evanston, Illinois

Prepared for:

City of Evanston
Public Works Agency
555 Lincoln Street
Evanston, Illinois 60201

Prepared by:

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1.0 INTRODUCTION

At the request of the City of Evanston (COE), the author, Mr. David M. Hendron, PE of SCS Engineers (SCS), prepared this report to provide a summary of sample-collection activities, and a compilation of the resultant analytical data from the Round-4, Drinking-Water Sampling Project in Evanston, IL.

Two SCS employees and a city water utility worker were present at all times during the Round-4 water-sampling activities to make observations and collect samples. A total of 126 drinking-water samples were collected from 63 sample locations (2 samples per location) during Round 4 as compared to 30 samples collected from 15 locations in Round 3.

Sampling was completed over a 5-day period from November 28, 2016, to December 2, 2016. SCS deployed two sampling crews for the project. Crew 1 consisted of SCS personnel Paul Herr and Jaclyn (Jackie) DeBruyne, along with COE representative, Reid Carnahan. Crew 2 consisted of SCS personnel Anthony (Tony) Kollasch and Kyle Kramer, along with COE representative Joe Conrad.

The Round-4 sample locations are shown on **Figure 1**. Locations where semi-volatile organic compounds (SVOCs) were detected are shown on **Figure 2**. The laboratory data are summarized in **Table 1** (volatile organic compound [VOC] detections) and **Table 2** (SVOC detections).

2.0 PURPOSE AND OBJECTIVES OF THE SAMPLING AND TESTING

Previous studies have indicated the presence of crust materials inside the drinking water line excavated and replaced along Dodge Avenue between Oakton and Mulford. The COE decided to take samples of drinking water from residential, educational, municipal, and hydrant locations to determine which, if any constituents from the crustal material have been dissolved in the drinking water and the concentrations of the constituents found.

The COE's testing protocol has consisted of four rounds of sampling and testing to date. The tests conducted include VOC and SVOC parameters consistent with the existing COE testing protocols and with the constituents that previous testing has shown to exist in the crust material.

The overall objective of the work is to assess if any of the testing indicates that the COE water supply has constituents in it that exceed current drinking water standards applicable to evaluate the safety of the water supply.

3.0 TYPES OF FACILITIES SAMPLED

The water sample locations shown on **Figure 1** included the following facility types:

- Businesses (4),
- Schools (3),
- Residences (43),
- Public facilities (4),
- Health care facilities (1),
- Municipal Facilities (3), and
- Fire hydrants (4).

Two samples were collected at each location. An "early" sample was collected before flushing the faucet for 7 minutes, and a "late" sample collected after flushing. The Dawes School consisted of two sample locations—the boiler room (location 3A) and the annex (location 3B)—with two samples collected at each. Therefore, four samples were collected at the Dawes School in Round 4.

Evanston residents were invited to sign up for drinking-water sampling by the City. A total of 49 residents initially signed up by the sign-up deadline, but six failed to make subsequent sampling appointments, so 43 residences were sampled by SCS. The analytical results for these residences can be found in **Table 1** (VOC data) and **Table 2** (SVOC data).

4.0 SAMPLE-NUMBERING PROTOCOL

Samples were numbered in the field using the following protocol: round number, followed by site number, followed by "early" or "late" designation. For example, the early sample collected at the Levy Center (site 2) in Round 4 would be labeled, "Rnd 4 Site 2 Early."

5.0 SAMPLE COLLECTION AND DOCUMENTATION PROTOCOL

The first 15 sample sites had been sampled previously in sampling Round 3. For these stations, samples were collected from the same sampling location used in Round 3 for consistency purposes. The other 48 locations were unique to sample Round 4.

As mentioned previously, two samples were collected at each location using the following procedure:

- **City Representative Greeted Resident:** The City representative greeted the resident, showed his City badge, and introduced the SCS sampling crew.

- **SCS Identified the Appropriate Sampling location:** SCS personnel asked the resident if he/she had a sink with separate hot and cold services (as opposed to a single-lever

faucet that combined hot and cold services). Locations meeting this criteria were most commonly located at the kitchen sink, basement utility tub, bathroom sink, bathtub, or, in two instances (Site 21 and Site 28) an exterior faucet.

- **Put on Protective Gloves:** Sampling crews wore chemical-resistant nitrile gloves during sampling to minimize cross-contamination and protect personnel while handling the hydrochloric acid preservative.

- **Identified Cold-Water Faucet:** All samples were collected from the cold water service to avoid sampling water that had passed through a water heater.

- **Removed Aerator:** Removed aerator from the cold-water faucet to reduce the loss of volatile compounds during sampling.

- **Arranged Sampling Bottles:** Placed a sample kit consisting of three vials for VOC analysis, and two, 1-liter amber jars for SVOC analysis, on a countertop or folding table.

- **Duties of Sampling Crew:** One crew member collected the samples, timed the flushing process, and took notes while the other member added and mixed preservatives and labeled the sample containers. Labels included sample site, sample number, name of sample collector, sample date and time, sample preservation, analysis requested, and client name.

- **Preservation:** Both the VOC and SVOC samples were preserved to prevent bacterial growth.

  - The VOC vials were be pre-dosed with ascorbic acid powder. In addition, four drops of HCL were added to the vials in the field immediately after each sample was collected.

  - The SVOC 1-liter, amber jars were pre-dosed with sodium sulfite powder. In addition, an 8-ml vial of HCL was added to each jar after each sample was collected.

- **Procedure for Collecting the VOC Samples:** VOC samples were collected by slowly adding water to the ascorbic-acid-containing sample vials.

  - The vials were held at an angle so the water ran down the sides of the vial in a continuous stream and with minimum agitation or splashing. Sample vials were slightly over-filled to form a meniscus and thereby minimize air entrainment during capping.

  - Four drops of HCL preservative were added to the sample after it was filled.

  - The vials were inverted to check for bubbles. If bubbles were found, additional water was added before sealing the vial.

- **Procedure for Collecting SVOC Samples:** SVOC samples were collected in 1-liter amber jars. Jars were filled to the neck of the bottle, leaving some headspace.

  - Jars were capped and inverted three times to mix the sodium-sulfite powder preservative.

  - An 8-ml vial of HCL preservative was added.

  - The jar was then capped and inverted three more times to mix in the HCL preservative.

- **Quality Assurance/Quality Control (QA/QC) Samples:** The following QA/QC samples were collected:

  - **Trip Blanks (also known as field reagent blanks):** All coolers containing VOC samples included a trip blank as required by USEPA Method 524.2, consisting of a set of three hermetically-sealed vials of laboratory-grade deionized water (reagent water) pre-filled in the laboratory, labeled "TRIP BLANK." The coolers containing the amber jars for SVOC analysis did not require trip blanks.

  - **Temperature Blanks:** One temperature blank was added to each cooler (small plastic bottle filled with tap water). The receiving laboratory measured the temperature of the temperature blank to ensure that the samples had been maintained at a low temperature during shipping as required by USEPA Method 524.2.

- **Replaced Aerator:** Replaced aerator, restored sampling area, and departed building.

- **Shipped Samples:**

  - All samples were shipped the day they were collected by FedEx Priority Overnight® delivery.

  - The samples were carefully packed in bubble wrap and then placed in iced coolers along with a chain-of-custody form, security seal, and "FRAGILE" sticker. Coolers were sent to the following drinking-water-certified laboratory.

    TestAmerica Savannah
    5102 LaRoche Avenue
    Savannah, Georgia 31404

6.0 ANALYTICAL DATA SUMMARY

Analytical data reports provided by TestAmerica were condensed and summarized by SCS and presented in **Tables 1** and **2**. **Table 1** summarizes the VOCs detected, and **Table 2** summarizes the SVOCs detected.

VOC Results

All of the Round-4 drinking-water samples were analyzed for the same 45 VOCs analyzed in Rounds 1, 2, and 3 using USEPA Method 524.2. As in Rounds 1, 2, and 3, all samples contained chlorination by-products as expected for a chlorinated municipal water supply.

The chlorination by-products found in the water samples included these four primary trihalomethanes (THMs):

1. Bromoform (121 of 126 samples)
2. Chlorodibromomethane (126 of 126 samples)
3. Chloroform (126 of 126 samples)
4. Dichlorobromomethane (126 of 126 samples)

The U.S. Environmental Protection Agency (USEPA) does not regulate THMs individually, but has a safe drinking water standard of 80 micrograms per liter (µg/L) for total THMs.

The total THMs for the 126, Round-4 samples are presented at the bottom of **Table 1**. The THM totals averaged 23.82 µg/L and ranged from a low of 12.6 µg/L to a high of 32.76 µg/L, which is less than the USEPA's 80 µg/L standard.

A small number of samples contained other chlorinated compounds besides the four THMs listed above:

1. 1,3-Dichlorobenzene (3 samples)
2. 1,3-Dichloropropane (1 sample)
3. 1,4-Dichlorobenzene (1 sample)
4. 2-Chlorotoluene (3 samples)
5. 4-Chlorotoluene (1 sample)
6. Bromobenzene (3 samples)
7. Chloromethane (1 sample)
8. trans-1,3-Dichloropropene (2 samples)

All eight compounds were detected at less than 1 µg/L (1 part per billion). In addition, all of these detections were J-flagged, except for the single 1.4 dichlorobenzene detection (.63 µg/L).

A "J-flag" qualifier signifies that concentrations were detected at the lower limit of the of laboratory equipment. In technical terms, the concentrations were above the method detection limit (MDL) but less than or equal to the reporting limit (RL). This means that the compounds could be detected, but not accurately quantified, because of the low concentrations.

SVOC Results

All of the Round-4 drinking-water samples were analyzed for the same 29 SVOCs analyzed in Rounds 1, 2, and 3 using USEPA Method 525.2. Of these 29 compounds, three SVOCs were detected in Round 4.

1. Phenanthrene (17 locations)
2. Fluoranthene (2 locations)
3. Di(2-ethylhexyl) adipate (1 location)

All three of these compounds were also detected in the prior sampling rounds. The locations of the Round-4 SVOC detections are shown on **Figure 2**.

All of the SVOC detections were "J-flagged" by TestAmerica.

The earlier sample rounds detected two SVOC compounds that were not detected in Round 4, Atrazine and Bis (2-ethylhexyl) phthalate. Here is a summary of the Round 3 detections:

1. Phenanthrene (5 locations)
2. Fluoranthene (2 locations)
3. Di(2-ethylhexyl) adipate (1 location)
4. Atrazine (5 locations)
5. Bis(2-ethylhexyl) phthalate (1 location)

TABLES

1 Summary of Round-4, Volatile Organic Compound Detections
2 Summary of Round-4, Semi-Volatile Organic Compound Detections

Table 1. Summary of Round-4, Volatile Organic Compound Detections
City of Evanston, Illinois / SCS Project #25216211.00, Task 0001 (Round-4 Sampling)

Sample Name	Rnd 4 Site 1E				Rnd 4 Site 1L				Rnd 4 Site 2E				Rnd 4 Site 2L				Rnd 4 Site 3A-E				Rnd 4 Site 3A-L			
Sampling Date	11/30/2016 15:07:00				11/30/2016 15:21:00				12/01/2016 08:48:00				12/01/2016 09:05:00				11/29/2016 07:11:00				11/29/2016 07:22:00			
Unit	ug/l				ug/l				ug/l				ug/l				ug/l				ug/l			
	Result	Q	MDL	RL	**Result**	Q	MDL	RL	**Result**	Q	MDL	RL	**Result**	Q	MDL	RL	**Result**	Q	MDL	RL	**Result**	Q	MDL	RL
1,3-Dichlorobenzene	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50
1,3-Dichloropropane	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50
1,4-Dichlorobenzene	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50
2-Chlorotoluene	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50
4-Chlorotoluene	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50
Bromobenzene	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50
Bromoform	**0.67**		0.17	0.50	**0.63**		0.17	0.50	**0.26**	J	0.17	0.50	**0.38**	J	0.17	0.50	**0.49**	J	0.17	0.50	**0.50**		0.17	0.50
Chlorodibromomethane	**5.5**		0.13	0.50	**6.2**		0.13	0.50	**5.2**		0.13	0.50	**5.4**		0.13	0.50	**5.1**		0.13	0.50	**5.6**		0.13	0.50
Chloroform	**13**		0.20	0.50	**12**		0.20	0.50	**12**		0.20	0.50	**13**		0.20	0.50	**14**		0.20	0.50	**12**		0.20	0.50
Chloromethane	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50
Dichlorobromomethane	**9.2**		0.079	0.50	**9.4**		0.079	0.50	**9.8**		0.079	0.50	**9.4**		0.079	0.50	**8.3**		0.079	0.50	**9.6**		0.079	0.50
trans-1,3-Dichloropropene	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50
Total Trihalomethanes	**28.37**				**28.23**				**27.26**				**28.18**				**27.89**				**27.7**			

Q: Qualifiers
MDL = Method Detection Limit
RL = Reporting Limit
J: Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U: Indicates the analyte was analyzed for but not detected.
Note: The samples are arranged in numerical order, but there are 6 gaps in the sequence because 6 sites were not sampled. This was because the resident did not make a sampling appointment with the City of Evanston. Sites 13, 15, 20, 47, 51 and 54 are therefore missing from Table 1.

Table 1. Summary of Round-4, Volatile Organic Compound Detections
City of Evanston, Illinois / SCS Project #25216211.00, Task 0001 (Round-4 Sampling)

Sample Name	Rnd 4 Site 3B-E				Rnd 4 Site 3B-L				Rnd 4 Site 4E				Rnd 4 Site 4L				Rnd 4 Site 5E				Rnd 4 Site 5L			
Sampling Date	11/29/2016 07:41:00				11/29/2016 07:52:00				11/29/2016 07:30:00				11/29/2016 07:45:00				11/28/2016 07:17:00				11/28/2016 07:33:00			
Unit	ug/l				ug/l				ug/l				ug/l				ug/l				ug/l			
	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL
1,3-Dichlorobenzene	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50
1,3-Dichloropropane	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50
1,4-Dichlorobenzene	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50
2-Chlorotoluene	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50
4-Chlorotoluene	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50
Bromobenzene	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50
Bromoform	0.35	J	0.17	0.50	0.31	J	0.17	0.50	0.23	J	0.17	0.50	0.52		0.17	0.50	0.47	J	0.17	0.50	0.43	J	0.17	0.50
Chlorodibromomethane	4.4		0.13	0.50	4.7		0.13	0.50	5.0		0.13	0.50	5.4		0.13	0.50	5.2		0.13	0.50	5.2		0.13	0.50
Chloroform	12		0.20	0.50	11		0.20	0.50	9.5		0.20	0.50	8.6		0.20	0.50	10		0.20	0.50	10		0.20	0.50
Chloromethane	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50
Dichlorobromomethane	8.4		0.079	0.50	8.4		0.079	0.50	8.0		0.079	0.50	8.6		0.079	0.50	8.3		0.079	0.50	8.6		0.079	0.50
trans-1,3-Dichloropropene	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50
Total Trihalomethanes	25.15				24.41				22.73				23.12				23.97				24.23			

Q: Qualifiers
MDL = Method Detection Limit
RL = Reporting Limit
J: Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U: Indicates the analyte was analyzed for but not detected.
Note: The samples are arranged in numerical order, but there are 6 gaps in the sequence because 6 sites were not sampled. This was because the resident did not make a sampling appointment with the City of Evanston. Sites 13, 15, 20, 47, 51 and 54 are therefore missing from Table 1.

Table 1. Summary of Round-4, Volatile Organic Compound Detections
City of Evanston, Illinois / SCS Project #25216211.00, Task 0001 (Round-4 Sampling)

Sample Name	Rnd 4 Site 6E				Rnd 4 Site 6L				Rnd 4 Site 7E				Rnd 4 Site 7L				Rnd 4 Site 8E				Rnd 4 Site 8L			
Sampling Date	11/30/2016 11:15:00				11/30/2016 11:30:00				11/30/2016 09:46:00				11/30/2016 09:57:00				12/02/2016 09:55:00				12/02/2016 10:12:00			
Unit	ug/l				ug/l				ug/l				ug/l				ug/l				ug/l			
	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL
1,3-Dichlorobenzene	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	0.14	J	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50
1,3-Dichloropropane	<0.10	U	0.10	0.50	0.11	J	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50
1,4-Dichlorobenzene	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50
2-Chlorotoluene	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50
4-Chlorotoluene	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50
Bromobenzene	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50
Bromoform	0.34	J	0.17	0.50	0.46	J	0.17	0.50	0.69		0.17	0.50	0.59		0.17	0.50	0.48	J	0.17	0.50	0.54		0.17	0.50
Chlorodibromomethane	3.3		0.13	0.50	3.8		0.13	0.50	6.0		0.13	0.50	5.6		0.13	0.50	5.0		0.13	0.50	5.5		0.13	0.50
Chloroform	5.0		0.20	0.50	4.0		0.20	0.50	13		0.20	0.50	11		0.20	0.50	8.7		0.20	0.50	10		0.20	0.50
Chloromethane	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50
Dichlorobromomethane	4.9		0.079	0.50	5.3		0.079	0.50	9.2		0.079	0.50	9.1		0.079	0.50	8.1		0.079	0.50	8.9		0.079	0.50
trans-1,3-Dichloropropene	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	0.17	J	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50
Total Trihalomethanes	13.54				13.56				28.89				26.29				22.28				24.94			

Q: Qualifiers
MDL = Method Detection Limit
RL = Reporting Limit
J: Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U: Indicates the analyte was analyzed for but not detected.
Note: The samples are arranged in numerical order, but there are 6 gaps in the sequence because 6 sites were not sampled. This was because the resident did not make a sampling appointment with the City of Evanston. Sites 13, 15, 20, 47, 51 and 54 are therefore missing from Table 1.

Table 1. Summary of Round-4, Volatile Organic Compound Detections
City of Evanston, Illinois / SCS Project #25216211.00, Task 0001 (Round-4 Sampling)

Sample Name	Rnd 4 Site 9E				Rnd 4 Site 9L				Rnd 4 Site 10E				Rnd 4 Site 10L				Rnd 4 Site 11E				Rnd 4 Site 11L			
Sampling Date	11/30/2016 08:55:00				11/30/2016 09:07:00				11/29/2016 09:00:00				11/29/2016 09:15:00				11/29/2016 16:45:00				11/29/2016 17:00:00			
Unit	ug/l				ug/l				ug/l				ug/l				ug/l				ug/l			
	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL
1,3-Dichlorobenzene	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50
1,3-Dichloropropane	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50
1,4-Dichlorobenzene	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50
2-Chlorotoluene	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50
4-Chlorotoluene	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50
Bromobenzene	0.12	J	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50
Bromoform	0.51		0.17	0.50	0.52		0.17	0.50	<0.17	U	0.17	0.50	<0.17	U	0.17	0.50	0.26	J	0.17	0.50	0.37	J	0.17	0.50
Chlorodibromomethane	5.2		0.13	0.50	5.3		0.13	0.50	1.7		0.13	0.50	2.1		0.13	0.50	3.3		0.13	0.50	4.0		0.13	0.50
Chloroform	9.4		0.20	0.50	11		0.20	0.50	15		0.20	0.50	14		0.20	0.50	24		0.20	0.50	4.7		0.20	0.50
Chloromethane	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50
Dichlorobromomethane	8.4		0.079	0.50	8.9		0.079	0.50	5.6		0.079	0.50	6.1		0.079	0.50	5.2		0.079	0.50	5.6		0.079	0.50
trans-1,3-Dichloropropene	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50
Total Trihalomethanes	23.51				25.72				22.3				22.2				32.76				14.67			

Q: Qualifiers
MDL = Method Detection Limit
RL = Reporting Limit
J: Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U: Indicates the analyte was analyzed for but not detected.
Note: The samples are arranged in numerical order, but there are 6 gaps in the sequence because 6 sites were not sampled. This was because the resident did not make a sampling appointment with the City of Evanston. Sites 13, 15, 20, 47, 51 and 54 are therefore missing from Table 1.

Table 1. Summary of Round-4, Volatile Organic Compound Detections
City of Evanston, Illinois / SCS Project #25216211.00, Task 0001 (Round-4 Sampling)

Sample Name	Rnd 4 Site 12E				Rnd 4 Site 12L				Rnd 4 Site 14E				Rnd 4 Site 14L				Rnd 4 Site 16E				Rnd 4 Site 16L			
Sampling Date	11/30/2016 14:13:00				11/30/2016 14:25:00				12/02/2016 10:40:00				12/02/2016 10:56:00				11/28/2016 14:36:00				11/28/2016 14:48:00			
Unit	ug/l				ug/l				ug/l				ug/l				ug/l				ug/l			
	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL
1,3-Dichlorobenzene	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50
1,3-Dichloropropane	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50
1,4-Dichlorobenzene	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50
2-Chlorotoluene	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50
4-Chlorotoluene	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50
Bromobenzene	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50
Bromoform	0.51		0.17	0.50	<0.17	U	0.17	0.50	0.32	J	0.17	0.50	0.57		0.17	0.50	0.51		0.17	0.50	0.60		0.17	0.50
Chlorodibromomethane	5.1		0.13	0.50	5.1		0.13	0.50	5.4		0.13	0.50	5.4		0.13	0.50	5.4		0.13	0.50	5.5		0.13	0.50
Chloroform	10		0.20	0.50	12		0.20	0.50	12		0.20	0.50	9.5		0.20	0.50	10		0.20	0.50	10		0.20	0.50
Chloromethane	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50
Dichlorobromomethane	8.8		0.079	0.50	9.2		0.079	0.50	9.0		0.079	0.50	8.4		0.079	0.50	9.0		0.079	0.50	8.6		0.079	0.50
trans-1,3-Dichloropropene	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50
Total Trihalomethanes	24.41				26.3				26.72				23.87				24.91				24.7			

Q: Qualifiers
MDL = Method Detection Limit
RL = Reporting Limit
J: Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U: Indicates the analyte was analyzed for but not detected.
Note: The samples are arranged in numerical order, but there are 6 gaps in the sequence because 6 sites were not sampled. This was because the resident did not make a sampling appointment with the City of Evanston. Sites 13, 15, 20, 47, 51 and 54 are therefore missing from Table 1.

Table 1. Summary of Round-4, Volatile Organic Compound Detections
City of Evanston, Illinois / SCS Project #25216211.00, Task 0001 (Round-4 Sampling)

Sample Name	Rnd 4 Site 17E				Rnd 4 Site 17L				Rnd 4 Site 18E				Rnd 4 Site 18L				Rnd 4 Site 19E				Rnd 4 Site 19L			
Sampling Date	11/28/2016 15:25:00				11/28/2016 15:40:00				11/29/2016 09:45:00				11/29/2016 10:00:00				12/02/2016 15:22:00				12/02/2016 15:38:00			
Unit	ug/l				ug/l				ug/l				ug/l				ug/l				ug/l			
	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL
1,3-Dichlorobenzene	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50
1,3-Dichloropropane	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50
1,4-Dichlorobenzene	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50
2-Chlorotoluene	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50
4-Chlorotoluene	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50
Bromobenzene	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50
Bromoform	0.52		0.17	0.50	0.42	J	0.17	0.50	0.53		0.17	0.50	0.53		0.17	0.50	0.33	J	0.17	0.50	0.54		0.17	0.50
Chlorodibromomethane	5.2		0.13	0.50	4.9		0.13	0.50	5.5		0.13	0.50	5.4		0.13	0.50	4.8		0.13	0.50	5.5		0.13	0.50
Chloroform	9.7		0.20	0.50	8.1		0.20	0.50	12		0.20	0.50	10		0.20	0.50	11		0.20	0.50	12		0.20	0.50
Chloromethane	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50
Dichlorobromomethane	7.9		0.079	0.50	8.1		0.079	0.50	9.4		0.079	0.50	8.8		0.079	0.50	9.1		0.079	0.50	9.3		0.079	0.50
trans-1,3-Dichloropropene	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50
Total Trihalomethanes	23.32				21.52				27.43				24.73				25.23				27.34			

Q: Qualifiers
MDL = Method Detection Limit
RL = Reporting Limit
J: Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U: Indicates the analyte was analyzed for but not detected.
Note: The samples are arranged in numerical order, but there are 6 gaps in the sequence because 6 sites were not sampled. This was because the resident did not make a sampling appointment with the City of Evanston. Sites 13, 15, 20, 47, 51 and 54 are therefore missing from Table 1.

Table 1. Summary of Round-4, Volatile Organic Compound Detections
City of Evanston, Illinois / SCS Project #25216211.00, Task 0001 (Round-4 Sampling)

Sample Name	Rnd 4 Site 21E				Rnd 4 Site 21L				Rnd 4 Site 22E				Rnd 4 Site 22L				Rnd 4 Site 23E				Rnd 4 Site 23L			
Sampling Date	11/29/2016 13:22:00				11/29/2016 13:34:00				11/29/2016 10:27:00				11/29/2016 10:38:00				11/28/2016 13:57:00				11/28/2016 14:08:00			
Unit	ug/l				ug/l				ug/l				ug/l				ug/l				ug/l			
	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL
1,3-Dichlorobenzene	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50
1,3-Dichloropropane	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50
1,4-Dichlorobenzene	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50
2-Chlorotoluene	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50
4-Chlorotoluene	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50
Bromobenzene	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50
Bromoform	0.42	J	0.17	0.50	0.39	J	0.17	0.50	0.55		0.17	0.50	0.47	J	0.17	0.50	0.26	J	0.17	0.50	0.46	J	0.17	0.50
Chlorodibromomethane	5.7		0.13	0.50	5.3		0.13	0.50	5.1		0.13	0.50	5.4		0.13	0.50	4.6		0.13	0.50	5.4		0.13	0.50
Chloroform	11		0.20	0.50	9.9		0.20	0.50	10		0.20	0.50	12		0.20	0.50	7.3		0.20	0.50	7.2		0.20	0.50
Chloromethane	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50
Dichlorobromomethane	9.3		0.079	0.50	8.5		0.079	0.50	8.5		0.079	0.50	9.8		0.079	0.50	7.9		0.079	0.50	7.4		0.079	0.50
trans-1,3-Dichloropropene	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50
Total Trihalomethanes	26.42				24.09				24.15				27.67				20.06				20.46			

Q: Qualifiers
MDL = Method Detection Limit
RL = Reporting Limit
J: Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U: Indicates the analyte was analyzed for but not detected.
Note: The samples are arranged in numerical order, but there are 6 gaps in the sequence because 6 sites were not sampled. This was because the resident did not make a sampling appointment with the City of Evanston. Sites 13, 15, 20, 47, 51 and 54 are therefore missing from Table 1.

Table 1. Summary of Round-4, Volatile Organic Compound Detections
City of Evanston, Illinois / SCS Project #25216211.00, Task 0001 (Round-4 Sampling)

Sample Name	Rnd 4 Site 24E				Rnd 4 Site 24L				Rnd 4 Site 25E				Rnd 4 Site 25L				Rnd 4 Site 26E				Rnd 4 Site 26L			
Sampling Date	12/02/2016 17:05:00				12/02/2016 17:20:00				11/29/2016 14:00:00				11/29/2016 14:15:00				11/30/2016 08:02:00				11/30/2016 08:13:00			
Unit	ug/l				ug/l				ug/l				ug/l				ug/l				ug/l			
	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL
1,3-Dichlorobenzene	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50
1,3-Dichloropropane	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50
1,4-Dichlorobenzene	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50
2-Chlorotoluene	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50
4-Chlorotoluene	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50
Bromobenzene	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50
Bromoform	0.42	J	0.17	0.50	0.19	J	0.17	0.50	<0.17	U	0.17	0.50	0.59		0.17	0.50	0.60		0.17	0.50	<0.17	U	0.17	0.50
Chlorodibromomethane	5.2		0.13	0.50	5.4		0.13	0.50	4.8		0.13	0.50	5.6		0.13	0.50	5.2		0.13	0.50	5.4		0.13	0.50
Chloroform	10		0.20	0.50	11		0.20	0.50	9.6		0.20	0.50	12		0.20	0.50	9.5		0.20	0.50	9.9		0.20	0.50
Chloromethane	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50
Dichlorobromomethane	9.4		0.079	0.50	9.3		0.079	0.50	8.2		0.079	0.50	9.6		0.079	0.50	7.9		0.079	0.50	8.5		0.079	0.50
trans-1,3-Dichloropropene	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50
Total Trihalomethanes	25.02				25.89				22.6				27.79				23.2				23.8			

Q: Qualifiers
MDL = Method Detection Limit
RL = Reporting Limit
J: Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U: Indicates the analyte was analyzed for but not detected.
Note: The samples are arranged in numerical order, but there are 6 gaps in the sequence because 6 sites were not sampled. This was because the resident did not make a sampling appointment with the City of Evanston. Sites 13, 15, 20, 47, 51 and 54 are therefore missing from Table 1.

Table 1. Summary of Round-4, Volatile Organic Compound Detections
City of Evanston, Illinois / SCS Project #25216211.00, Task 0001 (Round-4 Sampling)

Sample Name	Rnd 4 Site 27E				Rnd 4 Site 27L				Rnd 4 Site 28E				Rnd 4 Site 28L				Rnd 4 Site 29E				Rnd 4 Site 29L			
Sampling Date	11/29/2016 13:30:00				11/29/2016 13:45:00				11/29/2016 08:15:00				11/29/2016 08:30:00				11/29/2016 09:24:00				11/29/2016 09:37:00			
Unit	ug/l				ug/l				ug/l				ug/l				ug/l				ug/l			
	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL
1,3-Dichlorobenzene	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50
1,3-Dichloropropane	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50
1,4-Dichlorobenzene	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50
2-Chlorotoluene	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50
4-Chlorotoluene	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50
Bromobenzene	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50
Bromoform	0.51		0.17	0.50	0.41	J	0.17	0.50	0.31	J	0.17	0.50	0.48	J	0.17	0.50	0.30	J	0.17	0.50	0.38	J	0.17	0.50
Chlorodibromomethane	5.2		0.13	0.50	5.2		0.13	0.50	4.7		0.13	0.50	4.5		0.13	0.50	5.0		0.13	0.50	4.6		0.13	0.50
Chloroform	9.8		0.20	0.50	8.9		0.20	0.50	5.7		0.20	0.50	5.8		0.20	0.50	9.3		0.20	0.50	5.3		0.20	0.50
Chloromethane	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50
Dichlorobromomethane	8.3		0.079	0.50	8.2		0.079	0.50	6.8		0.079	0.50	6.8		0.079	0.50	8.0		0.079	0.50	6.2		0.079	0.50
trans-1,3-Dichloropropene	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50
Total Trihalomethanes	23.81				22.71				17.51				17.58				22.6				16.48			

Q: Qualifiers
MDL = Method Detection Limit
RL = Reporting Limit
J: Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U: Indicates the analyte was analyzed for but not detected.
Note: The samples are arranged in numerical order, but there are 6 gaps in the sequence because 6 sites were not sampled. This was because the resident did not make a sampling appointment with the City of Evanston. Sites 13, 15, 20, 47, 51 and 54 are therefore missing from Table 1.

Table 1. Summary of Round-4, Volatile Organic Compound Detections
City of Evanston, Illinois / SCS Project #25216211.00, Task 0001 (Round-4 Sampling)

Sample Name	Rnd 4 Site 30E				Rnd 4 Site 30L				Rnd 4 Site 31E				Rnd 4 Site 31L				Rnd 4 Site 32E				Rnd 4 Site 32L			
Sampling Date	11/28/2016 16:08:00				11/28/2016 16:20:00				11/30/2016 07:14:00				11/30/2016 07:27:00				12/01/2016 07:13:00				12/01/2016 07:26:00			
Unit	ug/l				ug/l				ug/l				ug/l				ug/l				ug/l			
	Result	Q	MDL	RL	**Result**	Q	MDL	RL	**Result**	Q	MDL	RL	**Result**	Q	MDL	RL	**Result**	Q	MDL	RL	**Result**	Q	MDL	RL
1,3-Dichlorobenzene	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50
1,3-Dichloropropane	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50
1,4-Dichlorobenzene	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50
2-Chlorotoluene	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50
4-Chlorotoluene	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50
Bromobenzene	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50
Bromoform	**0.57**		0.17	0.50	**0.45**	J	0.17	0.50	**0.44**	J	0.17	0.50	**0.54**		0.17	0.50	**0.57**		0.17	0.50	**0.49**	J	0.17	0.50
Chlorodibromomethane	**5.3**		0.13	0.50	**5.2**		0.13	0.50	**4.1**		0.13	0.50	**4.8**		0.13	0.50	**5.4**		0.13	0.50	**4.8**		0.13	0.50
Chloroform	**14**		0.20	0.50	**11**		0.20	0.50	**8.0**		0.20	0.50	**9.6**		0.20	0.50	**13**		0.20	0.50	**8.9**		0.20	0.50
Chloromethane	0.16	J	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50
Dichlorobromomethane	**9.8**		0.079	0.50	**9.3**		0.079	0.50	**7.2**		0.079	0.50	**7.7**		0.079	0.50	**9.5**		0.079	0.50	**7.3**		0.079	0.50
trans-1,3-Dichloropropene	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50
Total Trihalomethanes	**29.67**				**25.95**				**19.74**				**22.64**				**28.47**				**21.49**			

Q: Qualifiers
MDL = Method Detection Limit
RL = Reporting Limit
J: Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
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Note: The samples are arranged in numerical order, but there are 6 gaps in the sequence because 6 sites were not sampled. This was because the resident did not make a sampling appointment with the City of Evanston. Sites 13, 15, 20, 47, 51 and 54 are therefore missing from Table 1.

Table 1. Summary of Round-4, Volatile Organic Compound Detections
City of Evanston, Illinois / SCS Project #25216211.00, Task 0001 (Round-4 Sampling)

Sample Name	Rnd 4 Site 33E				Rnd 4 Site 33L				Rnd 4 Site 34E				Rnd 4 Site 34L				Rnd 4 Site 35E				Rnd 4 Site 35L			
Sampling Date	11/28/2016 08:15:00				11/28/2016 08:30:00				11/30/2016 09:45:00				11/30/2016 10:00:00				11/29/2016 16:05:00				11/29/2016 16:19:00			
Unit	ug/l				ug/l				ug/l				ug/l				ug/l				ug/l			
	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL
1,3-Dichlorobenzene	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	**0.11**	J	0.11	0.50	**0.14**	J	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50
1,3-Dichloropropane	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50
1,4-Dichlorobenzene	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50
2-Chlorotoluene	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	**0.11**	J	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50
4-Chlorotoluene	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50
Bromobenzene	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50
Bromoform	**0.41**	J	0.17	0.50	**0.45**	J	0.17	0.50	**0.66**		0.17	0.50	**0.56**		0.17	0.50	**0.44**	J	0.17	0.50	**0.51**		0.17	0.50
Chlorodibromomethane	**4.4**		0.13	0.50	**4.5**		0.13	0.50	**5.3**		0.13	0.50	**5.7**		0.13	0.50	**5.3**		0.13	0.50	**6.0**		0.13	0.50
Chloroform	**5.1**		0.20	0.50	**4.7**		0.20	0.50	**12**		0.20	0.50	**12**		0.20	0.50	**13**		0.20	0.50	**12**		0.20	0.50
Chloromethane	<0.15	U	0.15	0.50	**0.16**	J	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50
Dichlorobromomethane	**6.4**		0.079	0.50	**5.9**		0.079	0.50	**9.6**		0.079	0.50	**10**		0.079	0.50	**9.7**		0.079	0.50	**9.4**		0.079	0.50
trans-1,3-Dichloropropene	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50
Total Trihalomethanes	**16.31**				**15.55**				**27.56**				**28.26**				**28.44**				**27.91**			

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Note: The samples are arranged in numerical order, but there are 6 gaps in the sequence because 6 sites were not sampled. This was because the resident did not make a sampling appointment with the City of Evanston. Sites 13, 15, 20, 47, 51 and 54 are therefore missing from Table 1.

Table 1. Summary of Round-4, Volatile Organic Compound Detections
City of Evanston, Illinois / SCS Project #25216211.00, Task 0001 (Round-4 Sampling)

Sample Name	Rnd 4 Site 36E				Rnd 4 Site 36L				Rnd 4 Site 37E				Rnd 4 Site 37L				Rnd 4 Site 38E				Rnd 4 Site 38L			
Sampling Date	12/01/2016 11:09:00				12/01/2016 11:24:00				11/30/2016 13:08:00				11/30/2016 13:20:00				11/29/2016 14:59:00				11/29/2016 15:15:00			
Unit	ug/l				ug/l				ug/l				ug/l				ug/l				ug/l			
	Result	Q	MDL	RL	**Result**	Q	MDL	RL	**Result**	Q	MDL	RL	**Result**	Q	MDL	RL	**Result**	Q	MDL	RL	**Result**	Q	MDL	RL
1,3-Dichlorobenzene	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50
1,3-Dichloropropane	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50
1,4-Dichlorobenzene	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50
2-Chlorotoluene	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50
4-Chlorotoluene	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50
Bromobenzene	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50
Bromoform	**0.48**	J	0.17	0.50	**0.51**		0.17	0.50	**0.59**		0.17	0.50	**0.41**	J	0.17	0.50	**0.49**	J	0.17	0.50	**0.49**	J	0.17	0.50
Chlorodibromomethane	**5.1**		0.13	0.50	**5.4**		0.13	0.50	**5.3**		0.13	0.50	**5.1**		0.13	0.50	**5.9**		0.13	0.50	**4.7**		0.13	0.50
Chloroform	**11**		0.20	0.50	**12**		0.20	0.50	**12**		0.20	0.50	**9.4**		0.20	0.50	**13**		0.20	0.50	**8.6**		0.20	0.50
Chloromethane	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50
Dichlorobromomethane	**9.4**		0.079	0.50	**9.5**		0.079	0.50	**9.3**		0.079	0.50	**8.6**		0.079	0.50	**10**		0.079	0.50	**7.9**		0.079	0.50
trans-1,3-Dichloropropene	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50
Total Trihalomethanes	**25.98**				**27.41**				**27.19**				**23.51**				**29.39**				**21.69**			

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Note: The samples are arranged in numerical order, but there are 6 gaps in the sequence because 6 sites were not sampled. This was because the resident did not make a sampling appointment with the City of Evanston. Sites 13, 15, 20, 47, 51 and 54 are therefore missing from Table 1.

Table 1. Summary of Round-4, Volatile Organic Compound Detections
City of Evanston, Illinois / SCS Project #25216211.00, Task 0001 (Round-4 Sampling)

Sample Name	Rnd 4 Site 39E				Rnd 4 Site 39L				Rnd 4 Site 40E				Rnd 4 Site 40L				Rnd 4 Site 41E				Rnd 4 Site 41L			
Sampling Date	11/29/2016 15:00:00				11/29/2016 15:15:00				11/29/2016 10:45:00				11/29/2016 11:00:00				11/29/2016 11:09:00				11/29/2016 11:22:00			
Unit	ug/l				ug/l				ug/l				ug/l				ug/l				ug/l			
	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL
1,3-Dichlorobenzene	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50
1,3-Dichloropropane	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50
1,4-Dichlorobenzene	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50
2-Chlorotoluene	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50
4-Chlorotoluene	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50
Bromobenzene	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50
Bromoform	0.50		0.17	0.50	0.28	J	0.17	0.50	0.48	J	0.17	0.50	0.40	J	0.17	0.50	0.36	J	0.17	0.50	0.49	J	0.17	0.50
Chlorodibromomethane	5.1		0.13	0.50	5.1		0.13	0.50	5.2		0.13	0.50	5.0		0.13	0.50	5.0		0.13	0.50	5.4		0.13	0.50
Chloroform	10		0.20	0.50	9.7		0.20	0.50	11		0.20	0.50	8.9		0.20	0.50	9.4		0.20	0.50	9.9		0.20	0.50
Chloromethane	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50
Dichlorobromomethane	8.7		0.079	0.50	8.9		0.079	0.50	9.0		0.079	0.50	7.9		0.079	0.50	7.9		0.079	0.50	8.4		0.079	0.50
trans-1,3-Dichloropropene	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50
Total Trihalomethanes	24.3				23.98				25.68				22.2				22.66				24.19			

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Table 1. Summary of Round-4, Volatile Organic Compound Detections
City of Evanston, Illinois / SCS Project #25216211.00, Task 0001 (Round-4 Sampling)

Sample Name	Rnd 4 Site 42E				Rnd 4 Site 42L				Rnd 4 Site 43E				Rnd 4 Site 43L				Rnd 4 Site 44E				Rnd 4 Site 44L			
Sampling Date	12/01/2016 08:08:00				12/01/2016 08:23:00				11/29/2016 16:00:00				11/29/2016 16:15:00				12/01/2016 09:49:00				12/01/2016 10:02:00			
Unit	ug/l				ug/l				ug/l				ug/l				ug/l				ug/l			
	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL
1,3-Dichlorobenzene	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50
1,3-Dichloropropane	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50
1,4-Dichlorobenzene	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50
2-Chlorotoluene	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50
4-Chlorotoluene	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50
Bromobenzene	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50
Bromoform	0.53		0.17	0.50	0.43	J	0.17	0.50	0.44	J	0.17	0.50	0.43	J	0.17	0.50	0.49	J	0.17	0.50	0.45	J	0.17	0.50
Chlorodibromomethane	5.7		0.13	0.50	5.1		0.13	0.50	5.6		0.13	0.50	4.8		0.13	0.50	5.1		0.13	0.50	5.2		0.13	0.50
Chloroform	14		0.20	0.50	11		0.20	0.50	15		0.20	0.50	7.2		0.20	0.50	13		0.20	0.50	12		0.20	0.50
Chloromethane	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50
Dichlorobromomethane	9.3		0.079	0.50	9.3		0.079	0.50	10		0.079	0.50	7.4		0.079	0.50	8.6		0.079	0.50	9.3		0.079	0.50
trans-1,3-Dichloropropene	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50
Total Trihalomethanes	29.53				25.83				31.04				19.83				27.19				26.95			

Q: Qualifiers
MDL = Method Detection Limit
RL = Reporting Limit
J: Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U: Indicates the analyte was analyzed for but not detected.
Note: The samples are arranged in numerical order, but there are 6 gaps in the sequence because 6 sites were not sampled. This was because the resident did not make a sampling appointment with the City of Evanston. Sites 13, 15, 20, 47, 51 and 54 are therefore missing from Table 1.

Table 1. Summary of Round-4, Volatile Organic Compound Detections
City of Evanston, Illinois / SCS Project #25216211.00, Task 0001 (Round-4 Sampling)

Sample Name	Rnd 4 Site 45E				Rnd 4 Site 45L				Rnd 4 Site 46E				Rnd 4 Site 46L				Rnd 4 Site 48E				Rnd 4 Site 48L			
Sampling Date	11/28/2016 10:41:00				11/28/2016 10:53:00				11/30/2016 15:30:00				11/30/2016 15:45:00				11/29/2016 13:00:00				11/29/2016 13:15:00			
Unit	ug/l				ug/l				ug/l				ug/l				ug/l				ug/l			
	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL
1,3-Dichlorobenzene	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50
1,3-Dichloropropane	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50
1,4-Dichlorobenzene	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50
2-Chlorotoluene	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50
4-Chlorotoluene	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50
Bromobenzene	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50
Bromoform	0.49	J	0.17	0.50	0.53		0.17	0.50	0.69		0.17	0.50	0.55		0.17	0.50	0.36	J	0.17	0.50	0.52		0.17	0.50
Chlorodibromomethane	5.3		0.13	0.50	5.4		0.13	0.50	5.9		0.13	0.50	5.6		0.13	0.50	5.1		0.13	0.50	5.4		0.13	0.50
Chloroform	11		0.20	0.50	11		0.20	0.50	14		0.20	0.50	13		0.20	0.50	11		0.20	0.50	11		0.20	0.50
Chloromethane	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50
Dichlorobromomethane	9.3		0.079	0.50	9.4		0.079	0.50	10		0.079	0.50	9.5		0.079	0.50	8.9		0.079	0.50	9.0		0.079	0.50
trans-1,3-Dichloropropene	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50
Total Trihalomethanes	26.09				26.33				30.59				28.65				25.36				25.92			

Q: Qualifiers
MDL = Method Detection Limit
RL = Reporting Limit
J: Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U: Indicates the analyte was analyzed for but not detected.
Note: The samples are arranged in numerical order, but there are 6 gaps in the sequence because 6 sites were not sampled. This was because the resident did not make a sampling appointment with the City of Evanston. Sites 13, 15, 20, 47, 51 and 54 are therefore missing from Table 1.

Table 1. Summary of Round-4, Volatile Organic Compound Detections
City of Evanston, Illinois / SCS Project #25216211.00, Task 0001 (Round-4 Sampling)

Sample Name	Rnd 4 Site 49E				Rnd 4 Site 49L				Rnd 4 Site 50E				Rnd 4 Site 50L				Rnd 4 Site 52E				Rnd 4 Site 52L			
Sampling Date	11/28/2016 09:16:00				11/28/2016 09:32:00				11/30/2016 07:45:00				11/30/2016 08:00:00				11/30/2016 14:00:00				11/30/2016 14:15:00			
Unit	ug/l				ug/l				ug/l				ug/l				ug/l				ug/l			
	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL
1,3-Dichlorobenzene	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50
1,3-Dichloropropane	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50
1,4-Dichlorobenzene	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	0.63		0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50
2-Chlorotoluene	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50
4-Chlorotoluene	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50
Bromobenzene	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	0.13	J	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50
Bromoform	0.30	J	0.17	0.50	0.50		0.17	0.50	0.56		0.17	0.50	0.50		0.17	0.50	<0.17	U	0.17	0.50	<0.17	U	0.17	0.50
Chlorodibromomethane	5.3		0.13	0.50	5.6		0.13	0.50	4.8		0.13	0.50	5.3		0.13	0.50	4.1		0.13	0.50	4.4		0.13	0.50
Chloroform	12		0.20	0.50	13		0.20	0.50	9.3		0.20	0.50	10		0.20	0.50	5.4		0.20	0.50	5.0		0.20	0.50
Chloromethane	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50
Dichlorobromomethane	9.6		0.079	0.50	10		0.079	0.50	7.9		0.079	0.50	8.8		0.079	0.50	6.4		0.079	0.50	5.8		0.079	0.50
trans-1,3-Dichloropropene	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50
Total Trihalomethanes	27.2				29.1				22.56				24.6				15.9				15.2			

Q: Qualifiers
MDL = Method Detection Limit
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U: Indicates the analyte was analyzed for but not detected.
Note: The samples are arranged in numerical order, but there are 6 gaps in the sequence because 6 sites were not sampled. This was because the resident did not make a sampling appointment with the City of Evanston. Sites 13, 15, 20, 47, 51 and 54 are therefore missing from Table 1.

Table 1. Summary of Round-4, Volatile Organic Compound Detections
City of Evanston, Illinois / SCS Project #25216211.00, Task 0001 (Round-4 Sampling)

Sample Name	Rnd 4 Site 53E				Rnd 4 Site 53L				Rnd 4 Site 55E				Rnd 4 Site 55L				Rnd 4 Site 56E				Rnd 4 Site 56L			
Sampling Date	11/28/2016 13:17:00				11/28/2016 13:28:00				11/30/2016 09:15:00				11/30/2016 09:30:00				11/28/2016 09:53:00				11/28/2016 10:16:00			
Unit	ug/l				ug/l				ug/l				ug/l				ug/l				ug/l			
	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL
1,3-Dichlorobenzene	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50
1,3-Dichloropropane	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50
1,4-Dichlorobenzene	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50
2-Chlorotoluene	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	0.12	J	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50
4-Chlorotoluene	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50
Bromobenzene	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	0.13	J	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50
Bromoform	0.41	J	0.17	0.50	0.28	J	0.17	0.50	0.56		0.17	0.50	0.53		0.17	0.50	<0.17	U	0.17	0.50	0.51		0.17	0.50
Chlorodibromomethane	4.3		0.13	0.50	5.5		0.13	0.50	5.6		0.13	0.50	5.3		0.13	0.50	5.5		0.13	0.50	5.5		0.13	0.50
Chloroform	6.5		0.20	0.50	11		0.20	0.50	11		0.20	0.50	12		0.20	0.50	12		0.20	0.50	11		0.20	0.50
Chloromethane	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50
Dichlorobromomethane	7.0		0.079	0.50	8.9		0.079	0.50	9.0		0.079	0.50	9.6		0.079	0.50	9.2		0.079	0.50	9.0		0.079	0.50
trans-1,3-Dichloropropene	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	0.12	J	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50
Total Trihalomethanes	18.21				25.68				26.16				27.43				26.7				26.01			

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MDL = Method Detection Limit
RL = Reporting Limit
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U: Indicates the analyte was analyzed for but not detected.
Note: The samples are arranged in numerical order, but there are 6 gaps in the sequence because 6 sites were not sampled. This was because the resident did not make a sampling appointment with the City of Evanston. Sites 13, 15, 20, 47, 51 and 54 are therefore missing from Table 1.

Table 1. Summary of Round-4, Volatile Organic Compound Detections
City of Evanston, Illinois / SCS Project #25216211.00, Task 0001 (Round-4 Sampling)

Sample Name	Rnd 4 Site 57E				Rnd 4 Site 57L				Rnd 4 Site 58E				Rnd 4 Site 58L				Rnd 4 Site 59E				Rnd 4 Site 59L			
Sampling Date	11/29/2016 14:07:00				11/29/2016 14:22:00				11/30/2016 13:00:00				11/30/2016 13:15:00				12/01/2016 10:22:00				12/01/2016 10:40:00			
Unit	ug/l				ug/l				ug/l				ug/l				ug/l				ug/l			
	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL
1,3-Dichlorobenzene	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50
1,3-Dichloropropane	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50
1,4-Dichlorobenzene	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50
2-Chlorotoluene	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50
4-Chlorotoluene	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50
Bromobenzene	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50
Bromoform	0.37	J	0.17	0.50	0.51		0.17	0.50	0.57		0.17	0.50	0.56		0.17	0.50	0.40	J	0.17	0.50	0.32	J	0.17	0.50
Chlorodibromomethane	4.9		0.13	0.50	5.2		0.13	0.50	5.2		0.13	0.50	5.5		0.13	0.50	5.3		0.13	0.50	5.6		0.13	0.50
Chloroform	8.3		0.20	0.50	10		0.20	0.50	13		0.20	0.50	13		0.20	0.50	13		0.20	0.50	12		0.20	0.50
Chloromethane	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50
Dichlorobromomethane	7.9		0.079	0.50	8.7		0.079	0.50	9.2		0.079	0.50	9.9		0.079	0.50	9.1		0.079	0.50	9.9		0.079	0.50
trans-1,3-Dichloropropene	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50
Total Trihalomethanes	21.47				24.41				27.97				28.96				27.8				27.82			

Q: Qualifiers
MDL = Method Detection Limit
RL = Reporting Limit
J: Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U: Indicates the analyte was analyzed for but not detected.
Note: The samples are arranged in numerical order, but there are 6 gaps in the sequence because 6 sites were not sampled. This was because the resident did not make a sampling appointment with the City of Evanston. Sites 13, 15, 20, 47, 51 and 54 are therefore missing from Table 1.

Table 1. Summary of Round-4, Volatile Organic Compound Detections
City of Evanston, Illinois / SCS Project #25216211.00, Task 0001 (Round-4 Sampling)

Sample Name	Rnd 4 Site 60E				Rnd 4 Site 60L				Rnd 4 Site 61E				Rnd 4 Site 61L				Rnd 4 Site 62E				Rnd 4 Site 62L			
Sampling Date	11/30/2016 10:15:00				11/30/2016 10:28:00				11/30/2016 10:45:00				11/30/2016 10:55:00				11/30/2016 10:30:00				11/30/2016 10:45:00			
Unit	ug/l				ug/l				ug/l				ug/l				ug/l				ug/l			
	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL
1,3-Dichlorobenzene	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50
1,3-Dichloropropane	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50
1,4-Dichlorobenzene	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50
2-Chlorotoluene	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50
4-Chlorotoluene	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	**0.13**	J	0.13	0.50
Bromobenzene	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50
Bromoform	**0.55**		0.17	0.50	**0.67**		0.17	0.50	**0.57**		0.17	0.50	**0.59**		0.17	0.50	**0.21**	J	0.17	0.50	**0.50**		0.17	0.50
Chlorodibromomethane	**4.7**		0.13	0.50	**5.7**		0.13	0.50	**5.8**		0.13	0.50	**5.3**		0.13	0.50	**3.0**		0.13	0.50	**3.3**		0.13	0.50
Chloroform	**9.8**		0.20	0.50	**12**		0.20	0.50	**13**		0.20	0.50	**10**		0.20	0.50	**6.2**		0.20	0.50	**3.8**		0.20	0.50
Chloromethane	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50
Dichlorobromomethane	**7.4**		0.079	0.50	**9.3**		0.079	0.50	**9.5**		0.079	0.50	**8.3**		0.079	0.50	**5.3**		0.079	0.50	**5.0**		0.079	0.50
trans-1,3-Dichloropropene	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50
Total Trihalomethanes	**22.45**				**27.67**				**28.87**				**24.19**				**14.71**				**12.6**			

Q: Qualifiers
MDL = Method Detection Limit
RL = Reporting Limit
J: Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U: Indicates the analyte was analyzed for but not detected.
Note: The samples are arranged in numerical order, but there are 6 gaps in the sequence because 6 sites were not sampled. This was because the resident did not make a sampling appointment with the City of Evanston. Sites 13, 15, 20, 47, 51 and 54 are therefore missing from Table 1.

Table 1. Summary of Round-4, Volatile Organic Compound Detections
City of Evanston, Illinois / SCS Project #25216211.00, Task 0001 (Round-4 Sampling)

Sample Name	Rnd 4 Site 63E				Rnd 4 Site 63L				Rnd 4 Site 64E				Rnd 4 Site 64L				Rnd 4 Site 65E				Rnd 4 Site 65L			
Sampling Date	12/02/2016 07:28:00				12/02/2016 07:44:00				12/02/2016 13:30:00				12/02/2016 13:38:00				12/02/2016 08:16:00				12/02/2016 08:28:00			
Unit	ug/l				ug/l				ug/l				ug/l				ug/l				ug/l			
	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL
1,3-Dichlorobenzene	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50
1,3-Dichloropropane	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50
1,4-Dichlorobenzene	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50
2-Chlorotoluene	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50
4-Chlorotoluene	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50
Bromobenzene	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50
Bromoform	0.23	J	0.17	0.50	0.40	J	0.17	0.50	0.49	J	0.17	0.50	0.22	J	0.17	0.50	0.59		0.17	0.50	0.43	J	0.17	0.50
Chlorodibromomethane	4.4		0.13	0.50	4.0		0.13	0.50	4.2		0.13	0.50	4.5		0.13	0.50	4.7		0.13	0.50	4.2		0.13	0.50
Chloroform	6.2		0.20	0.50	4.8		0.20	0.50	5.7		0.20	0.50	5.4		0.20	0.50	10		0.20	0.50	4.5		0.20	0.50
Chloromethane	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50
Dichlorobromomethane	6.9		0.079	0.50	5.0		0.079	0.50	6.5		0.079	0.50	6.1		0.079	0.50	8.3		0.079	0.50	6.1		0.079	0.50
trans-1,3-Dichloropropene	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50
Total Trihalomethanes	17.73				14.2				16.89				16.22				23.59				15.23			

Q: Qualifiers
MDL = Method Detection Limit
RL = Reporting Limit
J: Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U: Indicates the analyte was analyzed for but not detected.
Note: The samples are arranged in numerical order, but there are 6 gaps in the sequence because 6 sites were not sampled. This was because the resident did not make a sampling appointment with the City of Evanston. Sites 13, 15, 20, 47, 51 and 54 are therefore missing from Table 1.

Table 1. Summary of Round-4, Volatile Organic Compound Detections
City of Evanston, Illinois / SCS Project #25216211.00, Task 0001 (Round-4 Sampling)

Sample Name	Rnd 4 Site 66E				Rnd 4 Site 66L				Rnd 4 Site 67E				Rnd 4 Site 67L				Rnd 4 Site 68E				Rnd 4 Site 68L			
Sampling Date	11/30/2016 08:30:00				11/30/2016 08:45:00				11/30/2016 07:00:00				11/30/2016 07:15:00				12/02/2016 12:43:00				12/02/2016 12:56:00			
Unit	ug/l				ug/l				ug/l				ug/l				ug/l				ug/l			
	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL	Result	Q	MDL	RL
1,3-Dichlorobenzene	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50
1,3-Dichloropropane	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50
1,4-Dichlorobenzene	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50
2-Chlorotoluene	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	0.11	J	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50
4-Chlorotoluene	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50
Bromobenzene	0.10	J	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50
Bromoform	0.59		0.17	0.50	0.41	J	0.17	0.50	0.32	J	0.17	0.50	0.19	J	0.17	0.50	0.43	J	0.17	0.50	0.41	J	0.17	0.50
Chlorodibromomethane	5.1		0.13	0.50	4.1		0.13	0.50	3.4		0.13	0.50	4.5		0.13	0.50	4.5		0.13	0.50	4.5		0.13	0.50
Chloroform	9.6		0.20	0.50	4.6		0.20	0.50	9.6		0.20	0.50	8.3		0.20	0.50	7.0		0.20	0.50	6.1		0.20	0.50
Chloromethane	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50
Dichlorobromomethane	8.9		0.079	0.50	5.6		0.079	0.50	6.1		0.079	0.50	7.3		0.079	0.50	8.1		0.079	0.50	6.9		0.079	0.50
trans-1,3-Dichloropropene	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50
Total Trihalomethanes	24.19				14.71				19.42				20.29				20.03				17.91			

Q: Qualifiers
MDL = Method Detection Limit
RL = Reporting Limit
J: Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U: Indicates the analyte was analyzed for but not detected.
Note: The samples are arranged in numerical order, but there are 6 gaps in the sequence because 6 sites were not sampled. This was because the resident did not make a sampling appointment with the City of Evanston. Sites 13, 15, 20, 47, 51 and 54 are therefore missing from Table 1.

Table 1. Summary of Round-4, Volatile Organic Compound Detections
City of Evanston, Illinois / SCS Project #25216211.00, Task 0001 (Round-4 Sampling)

Sample Name	Trip Blank				Trip Blank				Trip Blank				Trip Blank			
Sampling Date	11/28/2016 00:00:00				11/29/2016 00:00:00				12/01/2016 00:00:00				12/02/2016 00:00:00			
Unit	ug/l				ug/l				ug/l				ug/l			
	Result	Q	MDL	RL	**Result**	Q	MDL	RL	**Result**	Q	MDL	RL	**Result**	Q	MDL	RL
1,3-Dichlorobenzene	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50
1,3-Dichloropropane	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50	<0.10	U	0.10	0.50
1,4-Dichlorobenzene	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50	<0.50	U	0.50	0.50
2-Chlorotoluene	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50
4-Chlorotoluene	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50
Bromobenzene	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50	<0.091	U	0.091	0.50
Bromoform	<0.17	U	0.17	0.50	<0.17	U	0.17	0.50	<0.17	U	0.17	0.50	<0.17	U	0.17	0.50
Chlorodibromomethane	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50	<0.13	U	0.13	0.50
Chloroform	<0.20	U	0.20	0.50	<0.20	U	0.20	0.50	<0.20	U	0.20	0.50	<0.20	U	0.20	0.50
Chloromethane	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50	<0.15	U	0.15	0.50
Dichlorobromomethane	<0.079	U	0.079	0.50	<0.079	U	0.079	0.50	<0.079	U	0.079	0.50	<0.079	U	0.079	0.50
trans-1,3-Dichloropropene	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50	<0.11	U	0.11	0.50

Total Trihalomethanes

Q: Qualifiers
MDL = Method Detection Limit
RL = Reporting Limit
J: Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U: Indicates the analyte was analyzed for but not detected.
Note: The samples are arranged in numerical order, but there are 6 gaps in the sequence because 6 sites were not sampled. This was because the resident did not make a sampling appointment with the City of Evanston. Sites 13, 15, 20, 47, 51 and 54 are therefore missing from Table 1.

Table 2. Summary of Round-4, Semi-Volatile Organic Compound Detections
City of Evanston, Illinois / SCS Project #25216211.00, Task 0001 (Round-4 Sampling)
Note: All concentrations in parts per billion. Also known as micrograms per liter (µg/L).

Site #	Address	Phenanthrene	Fluoranthene	Trans 1,3 dichloropropene	Di (2-ethylhexyl) adipate
1	100 Block of Dodge Ave	ND	ND	ND	ND
2	300 Block of Dodge Ave	ND	ND	ND	ND
3A	400 Block of Dodge Ave	.031 J (early)	ND (early)	ND	ND
		.056 J (late)	.023 J (late)		
3B	400 Block of Dodge Ave	ND	ND	ND	ND
4	Oakton & Dewey [SWC]	ND (early)	ND	ND	ND
		.021 J (late)	ND	ND	ND
5	James Park	ND	ND	ND	ND
6	2600 Block of Sheridan Rd	ND	ND	ND	ND
7	1900 Block of Dobson St	ND	ND	ND	ND
8	300 Block of Dodge Ave	ND	ND	ND	ND
9	1800 Block of Kirk St	ND	ND	ND	ND
10	2400 Block of Oakton St	ND	ND	ND	ND
11	2200 Block of Oakton St	ND	ND	ND	ND
12	2200 Block of Howard St	ND	ND	ND	ND
13	200 Block of Brown Ave	NS	NS	NS	NS
14	300 Block of Darrow Ave	.029 J (early)	ND	ND	ND
		.024 J (late)	ND	ND	ND
15	200 Block of Richmond Ave	NS	NS	NS	NS
16	200 Block of Brown Ave	.029 J (early)	ND (early)	ND	ND
		ND (late)	ND (late)	ND	ND
17	300 Block of Darrow Ave	.027 J (early)	ND (early)	ND	ND
		.035 J (late)	.024 J (late)	ND	ND

Table 2. Summary of Round-4, Semi-Volatile Organic Compound Detections
City of Evanston, Illinois / SCS Project #25216211.00, Task 0001 (Round-4 Sampling)
Note: All concentrations in parts per billion. Also known as micrograms per liter (µg/L).

Site #	Address	Phenanthrene	Fluoranthene	Trans 1,3 dichloropropene	Di (2-ethylhexyl) adipate
18	400 Block of Darrow Ave	.023 J (early)	ND	ND	ND
		.026 J (late)	ND	ND	ND
19	2100 Block of Dobson St	ND	ND	ND	ND
20	2100 Block of Brummel St	NS	NS	NS	NS
21	1600 Block of Mulford St	.028 J (early)	ND	ND	ND
		.036 J (late)	ND	ND	ND
22	2000 Block of Dobson St	ND	ND	ND	ND
23	1600 Block of Dobson St	ND	ND	ND	ND
24	1400 Block of Kirk St	ND	ND	ND	ND
25	2100 Block of Madison Pl	ND	ND	ND	ND
26	300 Block of Dodge Ave	ND	ND	ND	ND
27	400 Block of Dodge Ave	.027 J (early)	ND	ND	ND
		ND (late)	ND	ND	ND
28	2100 Block of Washington St	ND	ND	ND	ND
29	1100 Block of Mulford St	ND	ND	ND	ND
30	200 Block of Grey Ave	ND	ND	ND	ND
31	1400 Block of Oakton St	ND (early)	ND	ND	ND
		.046 J (late)	ND	ND	ND
32	400 Block of Ridge Ave	ND	ND	ND	ND
33	500 Block of Main St	.025 J (early)	ND	ND	ND
		ND (late)	ND	ND	ND
34	2100 Block of Oakton St	ND	ND	ND	ND
35	1900 Block of Oakton St	ND	ND	ND	ND
36	2100 Block of Dobson St	ND	ND	ND	ND

Table 2. Summary of Round-4, Semi-Volatile Organic Compound Detections
City of Evanston, Illinois / SCS Project #25216211.00, Task 0001 (Round-4 Sampling)
Note: All concentrations in parts per billion. Also known as micrograms per liter (µg/L).

Site #	Address	Phenanthrene	Fluoranthene	Trans 1,3 dichloropropene	Di (2-ethylhexyl) adipate
37	2100 Block of Dobson St	ND	ND	ND	ND
38	2100 Block of Dobson St	ND	ND	ND	ND
39	300 Block of Darrow Ave	.033 J (early)	ND	ND	ND
		.038 J (late)	ND	ND	ND
40	1900 Block of Warren St	.02 J (early)	ND	ND	ND
		.02 J (late)	ND	ND	ND
41	200 Block of Dodge Ave	.027 J (early)	ND	ND	ND
		.031 J (late)	ND	ND	ND
42	1700 Block of Kirk St	ND	ND	ND	ND
43	100 Block of Dodge Ave	ND	ND	ND	ND
44	200 Block of Richmond Ave	ND	ND	ND	ND
45	1600 Block of Mulford St	ND (early)	ND	ND	ND
		.029 J (late)	ND	ND	ND
46	1800 Block of Mulford St	ND	ND	ND	ND
47	1000 Block of Greenleaf St	NS	NS	NS	NS
48	1700 Block of Mulford St	.022 J (early)	ND	ND	ND
		.023 J (late)	ND	ND	ND
49	200 Block of Grey Ave	ND	ND	ND	ND
50	200 Block of Dodge Ave	ND	ND	ND	ND
51	400 Block of Darrow Ave	NS	NS	NS	NS
52	1100 Block of Mulford St	ND	ND	ND	ND
53	200 Block of Dodge Ave	ND	ND	ND	ND
54	2100 Block of Brummel St	NS	NS	NS	NS
55	1800 Block of Mulford St	ND	ND	ND	ND

Table 2. Summary of Round-4, Semi-Volatile Organic Compound Detections
City of Evanston, Illinois / SCS Project #25216211.00, Task 0001 (Round-4 Sampling)
Note: All concentrations in parts per billion. Also known as micrograms per liter (µg/L).

Site #	Address	Phenanthrene	Fluoranthene	Trans 1,3 dichloropropene	Di (2-ethylhexyl) adipate
56	2100 Block of Brummel St	ND	ND	ND	ND
57	2000 Block of Warren St	ND (early)	ND	ND	ND (early)
		.026 J (late)	ND	ND	**.97 (late)**
58	200 Block of Richmond Ave	**.027 J (early)**	ND	ND	ND
		.023 J (late)	ND	ND	ND
59	200 Block of Richmond Ave	ND	ND	ND	ND
60	1800 Block of Brummel St	ND	ND	ND	ND
61	1800 Block of Brummel St	ND	ND	ND	ND
62	1700 Block of Orrington Ave	ND	ND	ND	ND
63	2000 Block of Asbury Ave	ND	ND	ND	ND
64	2900 Block of Central St	ND	ND	ND	ND
65	900 Block of Noyes St	ND (early)	ND	ND	ND
		.026 J (late)	ND	ND	ND
66	2100 Block of Dempster St	ND	ND	ND	ND
67	1600 Block of Foster St	ND	ND	ND	ND
68	1100 Block of Central St	ND	ND	ND	ND

Refer to Next Page for Notes.

Table 2. Summary of Round-4, Semi-Volatile Organic Compound Detections
City of Evanston, Illinois / SCS Project #25216211.00, Task 0001 (Round-4 Sampling)

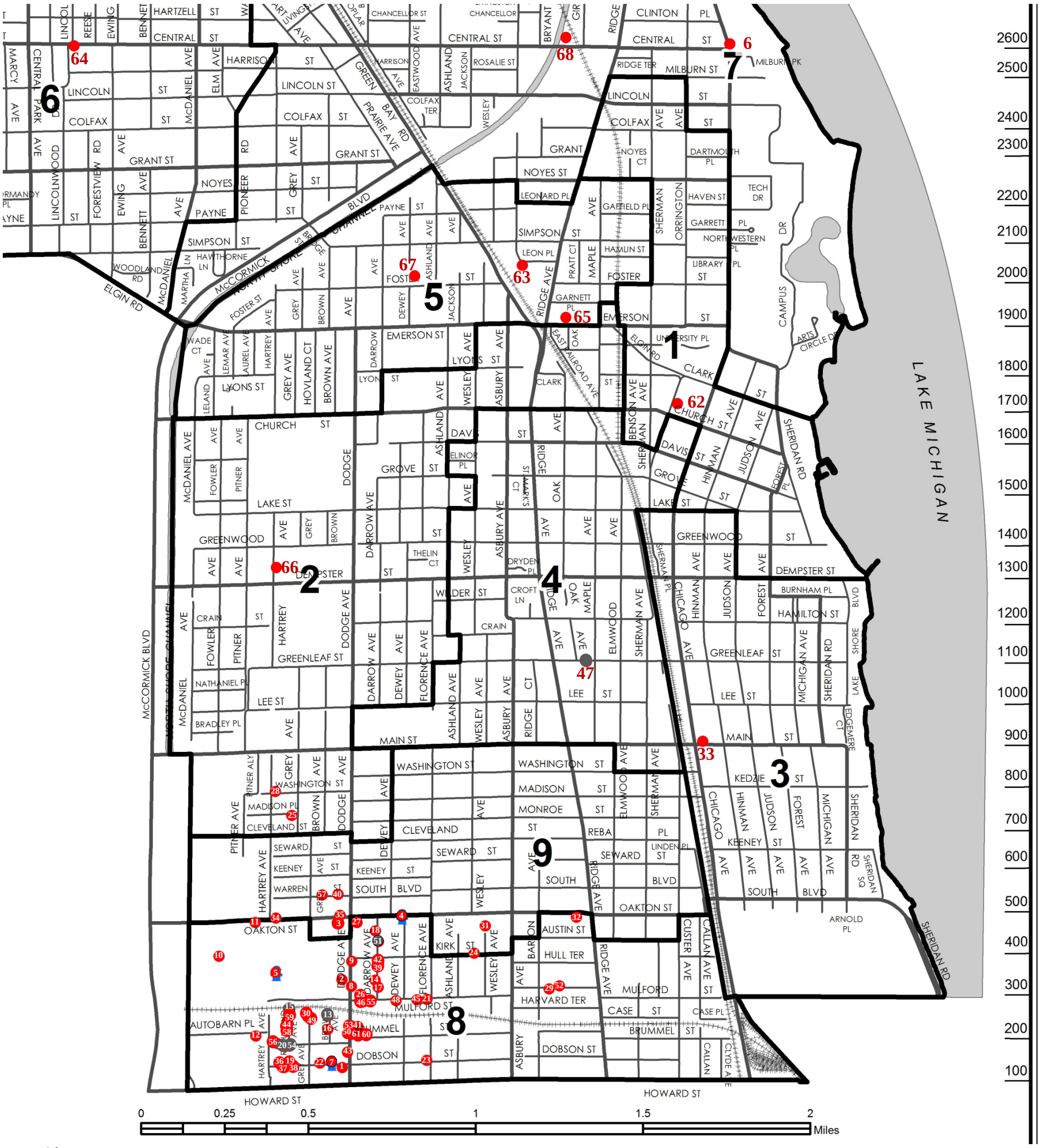
Notes:

1. All concentrations are reported in micrograms per liter (µg/L), also known as parts per billion (ppb).
2. Round-4 sampling was conducted by SCS Engineers between November 28 and December 2, 2016. One hundred twenty-six samples were collected from 63 locations.
3. Two samples were collected at each sampling location; an early sample before flushing the faucet for 7 minutes (early sample) and a sample after flushing (late sample).
4. The letter "J" following the concentration means that the result is less than the reporting limit but greater than or equal to the method detection limit and the concentration is therefore an approximate value. In plain English, the concentration was so low that the laboratory could detect it, but not precisely quantify it.
5. Sample stations with no SVOC detections are represented with ND, for not detected.
6. Sample stations with SVOC detections are shaded gray and consist of two lines, one for the early sample results and one for the late sample results. The detections are highlighted in green.
7. Locations where the resident requested sampling, but failed to make a sampling appointment, are represented with NS, for not sampled.
8. There are no Maximum Contaminant Levels (MCL) established by USEPA or IEPA for either Phenanthrene or Fluoranthene. There are USEPA Regional Screening Levels (not standards), which include an acceptable risk-based "tap water" concentration for Fluoranthene (800 ppb). There is actually no EPA-adopted toxicity value for phenanthrene, but it generally considered to have the same toxicity as pyrene (120 ppb) or other non-carcinogenic PAHs.

FIGURES

1 Map of Round-4 Sampling Locations
2 Map of Round-4 SVOC Detections

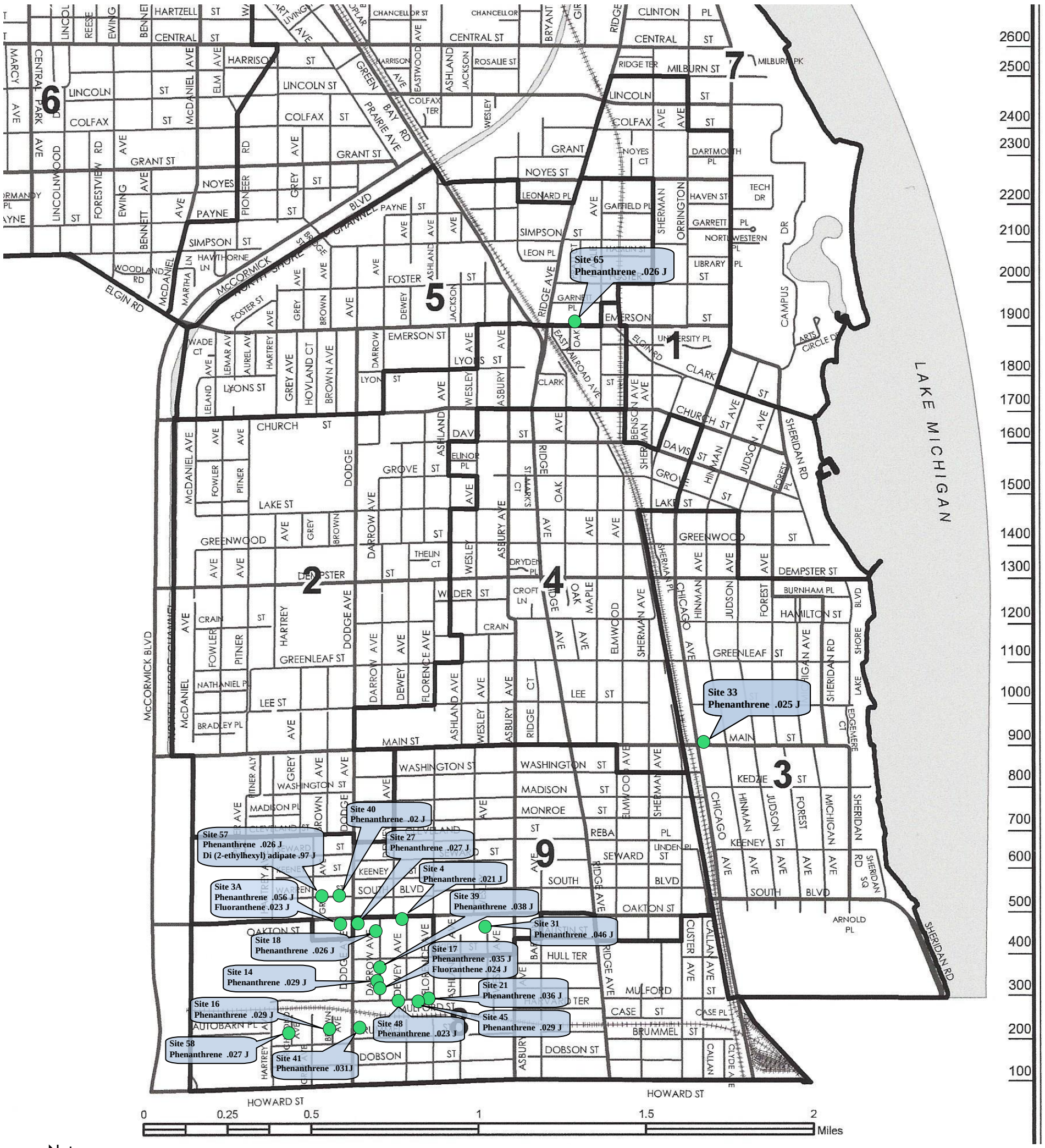
Figure 1. Map of Round-4 Sample Locations



Notes:

1. Round-4 sampling was conducted by SCS Engineers between November 28 and December 2, 2016. One hundred twenty-six samples were collected from 63 locations.
2. Sampling locations are labeled with red dots along with sample site numbers.
3. Locations where a resident requested sampling, but did not make a sampling appointment, are indicated with gray dots. No samples were collected at these five locations.
4. In the vicinity of James Park, where the sample locations are densely packed, the sample numbers were written inside the sample dots.

Figure 2. Map of Round-4 SVOC Detections



Notes:

1. All concentrations are reported in micrograms per liter (µg/L), also known as parts per billion (ppb).
2. Round-4 sampling was conducted by SCS Engineers between November 28 and December 2, 2016. One hundred twenty-six samples were collected from 64 locations.
3. Two samples were collected at each sampling location; an early sample collected before flushing the faucet for 7 minutes and a late sample after flushing.
4. The concentrations shown on the map are the highest concentrations detected in the two samples. For example, if Phenanthrene was detected at concentrations of .032 µg/L and .011 µg/L, only the higher concentration of .032 µg/L was plotted.
5. The letter "J" following the concentration means that the result is less than the reporting limit but greater than or equal to the method detection limit and the concentration is therefore an approximate value. In plain English, the concentration was so low that the laboratory could detect it, but not precisely quantify it.
6. Sample stations with no SVOC detections are not shown. Sample stations with SVOC detections are represented with a green dot.
7. There are no Maximum Contaminant Levels (MCL) established by USEPA or IEPA for either Phenanthrene or Fluoranthene. There are USEPA Regional Screening Levels (not standards), which include an acceptable risk-based "tap water" concentration for Fluoranthrene (800 ppb). There is actually no EPA-adopted toxicity value for phenanthrene, but it is generally considered to have the same toxicity as pyrene (120 ppb) or other non-carcinogenic PAHs.