# City of Garfield

413 Midland Avenue
Garfield, New Jersey 07026
**WATER DEPARTMENT**

**MICHAEL J. SFERRUZZO, C.P.W.M.**
Licensed Water Operator
Superintendent of Water

Telephone (973) 546-2200
Fax (973) 478-5921




**To: Paul Smith**

**From: Michael James Sferruzzo**
**Garfield Water Superintendent**

**Date: September 27, 2007**

**Subject: PFOA-PFOS Results**

**Paul, here is the packet that I received from the lab. As per our telephone conversation .**

Michael J. Sferruzzo

**Michael James Sferruzzo**
**Garfield Water Superintendent**

# PWS ID NJ 0221001
# SAMPLE POINT ID TP003015

Garfield Water Department

Client Sample ID: G1 ELMWOOD PARK PUMP STATION

HPLC

**Lot-Sample #...:** D7I060300-001 **Work Order #...:** J6A2N1AA **Matrix.....:** WATER
**Date Sampled...:** 09/05/07 08:40 **Date Received..:** 09/06/07
**Prep Date.....:** 09/12/07 **Analysis Date..:** 09/14/07
**Prep Batch #...:** 7255149 **Analysis Time..:** 16:41
**Dilution Factor:** 1
**Method.....:** DEN -LC-0012

| PARAMETER | RESULT | REPORTING LIMIT | UNITS |
|---|---|---|---|
| **PFOS** | **0.029** | **0.010** | **ug/L** |
| **PFOA** | **0.040** | **0.015** | **ug/L** |

| SURROGATE | PERCENT RECOVERY | RECOVERY LIMITS |
|---|---|---|
| 13C4 PFOA | 76 | (50 - 200) |
| 13C4 PFOS | 52 | (50 - 200) |

**PWS ID NJ0221001**

**SAMPLE POINT ID TP003015**

Garfield Water Department

Client Sample ID: G1 ELMWOOD PARK PUMP STATION DUP

HPLC

**Lot-Sample #...:** D7I060300-001 **Work Order #...:** J6A2N1AE **Matrix.....:** WATER
**Date Sampled...:** 09/05/07 08:40 **Date Received..:** 09/06/07
**Prep Date.....:** 09/12/07 **Analysis Date..:** 09/14/07
**Prep Batch #...:** 7255149 **Analysis Time..:** 17:13
**Dilution Factor:** 1
**Method.....:** DEN -LC-0012

| PARAMETER | RESULT | REPORTING LIMIT | UNITS |
|---|---|---|---|
| **PFOS** | **0.035** | **0.010** | **ug/L** |
| **PFOA** | **0.048** | **0.015** | **ug/L** |

| SURROGATE | PERCENT RECOVERY | RECOVERY LIMITS |
|---|---|---|
| 13C4 PFOA | 59 | (50 - 200) |
| 13C4 PFOS | 36 * | (50 - 200) |

**NOTE(S):**

* Surrogate recovery is outside stated control limits.

# PWS ID NJ0221001
# SAMPLE POINT ID TP003015

SAMPLE DUPLICATE EVALUATION REPORT

HPLC

Client Lot #...: D7I060300 Work Order #...: J6A2N1AA -SMP Matrix.....: WATER
SD Lot-Sample #: D7I060300-001 J6A2N1AE -DUP
Date Sampled...: 09/05/07 08:40 Date Received..: 09/06/07 MS Run #.....:
Prep Date.....: 09/12/07 Analysis Date..: 09/14/07
Prep Batch #...: 7255149 Analysis Time..: 17:13
Dilution Factor: 1

| PARAMETER | SAMPLE RESULT | DUPLICATE RESULT | UNITS | RPD | RPD LIMIT | METHOD |
|---|---|---|---|---|---|---|
| PFOS | 0.029 | 0.035 | ug/L | 21 | (0-20) | DEN -LC-0012 |
| PFOA | 0.040 | 0.048 | ug/L | 19 | (0-20) | DEN -LC-0012 |

| SURROGATE RECOVERY | SAMPLE % RECOVERY | DUPLICATE % RECOVERY | RECOVERY LIMITS |
|---|---|---|---|
| 13C4 PFOA | 76 | 59 | (50 - 200) |
| 13C4 PFOS | 52 | 36 | (50 - 200) |

SEVERN TRENT STL

**STL Denver**
4955 Yarrow Street
Arvada, CO 80002

Tel: 303 736 0100 Fax: 303 431 7171
www.stl-inc.com

# ANALYTICAL REPORT

## PFOA/PFOS Analysis

Lot #: D7I060300

Michael Sferruzzo

Garfield Water Dept.
413 Midland Ave.
Garfield, NJ 07026

TestAmerica Denver

Gail DeRuzzo
Project Manager

September 24, 2007

# Table Of Contents

## *Standard Deliverables*

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# Case Narrative
**D7I060300**

TestAmerica Denver utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameters listed on the methods summary page in accordance with the methods indicated. Dilution factors and footnotes are provided on each datasheet to assist in the interpretation of the results.

The results relate only to the samples in this report and meet all requirements of NELAC. All data have been reviewed for compliance with the laboratory QA/QC plan and have found to be compliant with laboratory protocols with any exceptions noted below.

Please note that Non-Detect (ND) results have been evaluated down to the Method Detection Limit (MDL) and should be considered ND at the MDL. Unless otherwise noted, results for solids have been dry weight corrected.

This report shall not be reproduced except in full, without the written approval of the laboratory.

**Sample Arrival and Receipt**

The following report contains the analytical results for one sample received 9/6/07, according to documented sample acceptance procedures. The sample was received in good condition at a temperature of 18.9°C. Although the sample was received outside the preferred 2-6°C temperature, no storage temperature has been defined for these analytes. No other anomalies were encountered during sample receipt.

**Standards**

Analytical standards were prepared using the acid form of the compound perfluorooctanoic acid (PFOA). PFOS is a commercial prepared and certified solution.

Perfluoro-n-[1,2,3,4-$^{13}C_4$]octanoic acid was introduced at the extraction step and was used as an internal standard for quantitation of PFOA. Perfluoro-1-[1,2,3,4-$^{13}C_4$]octanatesulfonate was introduced at the extraction step and was used as an internal standard for quantitation of PFOS.

**Sample Extraction and Analysis**

The samples presented in this report were analyzed for the target analyte by TestAmerica Denver's SOP DEN-LC-0012A.

For water samples a 250 mL aliquot of each sample is acidified with 1 mL of 6N HCl solution and it is extracted using solid phase extraction technique with methanol conditioned C18 cartridges. Each sample is spiked with the internal standard, prior to extraction. After the sample is passed through the cartridge, the analytes are eluted with 4 mL of methanol. The final volume is brought to 5 mL using methanol and the extract is analyzed by LC/MS/MS.

**Method QC Samples**

The Method Blank is processed reagent water spiked with surrogate and prepared with each *batch of 20 samples of the same matrix*. The method blank was non-detect for the target analytes at the reporting limits.

Each batch is prepared with a Laboratory Control Sample (LCS). The recoveries of two concentration levels of Laboratory Control Samples were within control limits. The internal standard recovery for 13C4 PFOS in the mid-level LCS was below the lower control limit. No corrective action was necessary as the control limits for this internal standard are still being established.

**Analytical Comments**

The sample G1 ELMWOOD PARK PUMP STATION was analyzed in duplicate. The internal standard recovery for 13C4 PFOS was below the lower control limit in the duplicate sample but it was in control in the parent sample. No corrective action was necessary as the control limits for this internal standard are still being established. The RPD (relative percent difference) was outside control limits for the PFOS results. This may indicate some variability in this result.

The MS/MSD was performed on sample G1 ELMWOOD PARK PUMP STATION. The matrix spike and surrogate spike recoveries were in control.

No other anomalies were observed.

# EXECUTIVE SUMMARY - Detection Highlights

D7I060300

| PARAMETER | RESULT | REPORTING LIMIT | UNITS | ANALYTICAL METHOD |
|---|---|---|---|---|
| **G1 ELMWOOD PARK PUMP STATION 09/05/07 08:40 001** | | | | |
| PFOS | 0.029 | 0.010 | ug/L | DEN -LC-0012 |
| PFOA | 0.040 | 0.015 | ug/L | DEN -LC-0012 |

# METHODS SUMMARY

D7I060300

| PARAMETER | ANALYTICAL METHOD | PREPARATION METHOD |
|---|---|---|
| LC/MS/MS, PFOA | DEN -LC-0012 | |

**References:**


DEN Severn Trent Laboratores, Denver, Facility Standard Operating Procedure.

# METHOD / ANALYST SUMMARY

D7I060300

| ANALYTICAL METHOD | ANALYST | ANALYST ID |
|---|---|---|
| DEN -LC-0012 | Jaqueline Bonnett | 003601 |

**References:**


DEN Severn Trent Laboratores, Denver, Facility Standard Operating Procedure.

# SAMPLE SUMMARY

D7I060300

| WO # | SAMPLE# | CLIENT SAMPLE ID | SAMPLED DATE | SAMP TIME |
|---|---|---|---|---|
| J6A2N | 001 | G1 ELMWOOD PARK PUMP STATION | 09/05/07 | 08:40 |

**NOTE(S):**

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

Garfield Water Department

Client Sample ID: G1 ELMWOOD PARK PUMP STATION

HPLC

| | | | |
|---|---|---|---|
| **Lot-Sample #...:** D7I060300-001 | **Work Order #...:** J6A2N1AA | **Matrix.....:** WATER | |
| **Date Sampled...:** 09/05/07 08:40 | **Date Received..:** 09/06/07 | | |
| **Prep Date.....:** 09/12/07 | **Analysis Date..:** 09/14/07 | | |
| **Prep Batch #...:** 7255149 | **Analysis Time..:** 16:41 | | |
| **Dilution Factor:** 1 | | | |
| | **Method.....:** DEN -LC-0012 | | |

| PARAMETER | RESULT | REPORTING LIMIT | UNITS |
|---|---|---|---|
| **PFOS** | **0.029** | **0.010** | **ug/L** |
| **PFOA** | **0.040** | **0.015** | **ug/L** |

| SURROGATE | PERCENT RECOVERY | RECOVERY LIMITS |
|---|---|---|
| 13C4 PFOA | 76 | (50 - 200) |
| 13C4 PFOS | 52 | (50 - 200) |

Garfield Water Department

Client Sample ID: G1 ELMWOOD PARK PUMP STATION DUP

HPLC

**Lot-Sample #...:** D7I060300-001 **Work Order #...:** J6A2N1AE **Matrix.....:** WATER
**Date Sampled...:** 09/05/07 08:40 **Date Received..:** 09/06/07
**Prep Date.....:** 09/12/07 **Analysis Date..:** 09/14/07
**Prep Batch #...:** 7255149 **Analysis Time..:** 17:13
**Dilution Factor:** 1
**Method.....:** DEN -LC-0012

| PARAMETER | RESULT | REPORTING LIMIT | UNITS |
|---|---|---|---|
| **PFOS** | **0.035** | **0.010** | **ug/L** |
| **PFOA** | **0.048** | **0.015** | **ug/L** |

| SURROGATE | PERCENT RECOVERY | RECOVERY LIMITS |
|---|---|---|
| 13C4 PFOA | 59 | (50 - 200) |
| 13C4 PFOS | 36 * | (50 - 200) |

**NOTE(S):**

* Surrogate recovery is outside stated control limits.

# QC DATA ASSOCIATION SUMMARY

D7I060300

Sample Preparation and Analysis Control Numbers

| SAMPLE# | MATRIX | ANALYTICAL METHOD | LEACH BATCH # | PREP BATCH # | MS RUN# |
|---|---|---|---|---|---|
| 001 | WATER | DEN -LC-0012 | | 7255149 | 7255093 |

## METHOD BLANK REPORT

### HPLC

**Client Lot #...:** D7I060300 **Work Order #...:** J6LXD1AA **Matrix.....:** WATER
**MB Lot-Sample #:** R7I120000-149

**Prep Date.....:** 09/12/07 **Analysis Time..:** 15:53
**Analysis Date..:** 09/14/07 **Prep Batch #...:** 7255149
**Dilution Factor:** 1

| PARAMETER | RESULT | REPORTING LIMIT | UNITS | METHOD |
|---|---|---|---|---|
| PFOA | ND | 0.015 | ug/L | DEN -LC-0012 |
| PFOS | ND | 0.010 | ug/L | DEN -LC-0012 |

| SURROGATE | PERCENT RECOVERY | RECOVERY LIMITS |
|---|---|---|
| 13C4 PFOA | 65 | (50 - 200) |
| 13C4 PFOS | 52 | (50 - 200) |

**NOTE(S):**

Calculations are performed before rounding to avoid round-off errors in calculated results.

## LABORATORY CONTROL SAMPLE EVALUATION REPORT

### HPLC

**Client Lot #...:** D7I060300 **Work Order #...:** J6LXD1AC **Matrix.....:** WATER
**LCS Lot-Sample#:** R7I120000-149
**Prep Date.....:** 09/12/07 **Analysis Date..:** 09/14/07
**Prep Batch #...:** 7255149 **Analysis Time..:** 16:09
**Dilution Factor:** 1

| PARAMETER | PERCENT RECOVERY | RECOVERY LIMITS | METHOD |
|---|---|---|---|
| **PFOA** | **109** | **(70 - 130)** | **DEN -LC-0012** |
| **PFOS** | **97** | **(39 - 120)** | **DEN -LC-0012** |

| SURROGATE | PERCENT RECOVERY | RECOVERY LIMITS |
|---|---|---|
| 13C4 PFOA | 65 | (50 - 200) |
| 13C4 PFOS | 45 * | (50 - 200) |

**NOTE(S):**

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

* Surrogate recovery is outside stated control limits.

## LABORATORY CONTROL SAMPLE DATA REPORT

### HPLC

**Client Lot #...:** D7I060300 **Work Order #...:** J6LXD1AC **Matrix.....:** WATER
**LCS Lot-Sample#:** R7I120000-149
**Prep Date.....:** 09/12/07 **Analysis Date..:** 09/14/07
**Prep Batch #...:** 7255149 **Analysis Time..:** 16:09
**Dilution Factor:** 1

| PARAMETER | SPIKE AMOUNT | MEASURED AMOUNT | UNITS | PERCENT RECOVERY | METHOD |
|---|---|---|---|---|---|
| **PFOA** | **0.200** | **0.217** | **ug/L** | **109** | **DEN -LC-0012** |
| **PFOS** | **0.200** | **0.194** | **ug/L** | **97** | **DEN -LC-0012** |

| SURROGATE | PERCENT RECOVERY | RECOVERY LIMITS |
|---|---|---|
| 13C4 PFOA | 65 | (50 - 200) |
| 13C4 PFOS | 45 * | (50 - 200) |

**NOTE(S):**

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

* Surrogate recovery is outside stated control limits.

## LABORATORY CONTROL SAMPLE EVALUATION REPORT

### HPLC

**Client Lot #...:** D7I060300 **Work Order #...:** J6LXD1AD **Matrix.....:** WATER
**LCS Lot-Sample#:** R7I120000-149
**Prep Date.....:** 09/12/07 **Analysis Date..:** 09/14/07
**Prep Batch #...:** 7255149 **Analysis Time..:** 16:25
**Dilution Factor:** 1

| PARAMETER | PERCENT RECOVERY | RECOVERY LIMITS | METHOD |
|---|---|---|---|
| **PFOA** | **115** | **(70 - 130)** | **DEN -LC-0012** |
| **PFOS** | **103** | **(39 - 120)** | **DEN -LC-0012** |

| SURROGATE | PERCENT RECOVERY | RECOVERY LIMITS |
|---|---|---|
| 13C4 PFOA | 60 | (50 - 200) |
| 13C4 PFOS | 50 | (50 - 200) |

**NOTE(S):**

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

## LABORATORY CONTROL SAMPLE DATA REPORT

### HPLC

**Client Lot #...:** D7I060300 **Work Order #...:** J6LXD1AD **Matrix.....:** WATER
**LCS Lot-Sample#:** R7I120000-149
**Prep Date.....:** 09/12/07 **Analysis Date..:** 09/14/07
**Prep Batch #...:** 7255149 **Analysis Time..:** 16:25
**Dilution Factor:** 1

| PARAMETER | SPIKE AMOUNT | MEASURED AMOUNT | UNITS | PERCENT RECOVERY | METHOD |
|---|---|---|---|---|---|
| **PFOA** | **0.0200** | **0.0230** | **ug/L** | **115** | **DEN -LC-0012** |
| **PFOS** | **0.0200** | **0.0206** | **ug/L** | **103** | **DEN -LC-0012** |

| SURROGATE | PERCENT RECOVERY | RECOVERY LIMITS |
|---|---|---|
| 13C4 PFOA | 60 | (50 - 200) |
| 13C4 PFOS | 50 | (50 - 200) |

**NOTE(S):**

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

## MATRIX SPIKE SAMPLE EVALUATION REPORT

### HPLC

**Lot-Sample #...:** D7I060300 **Work Order #...:** J6A2N1AC **Matrix.....:** WATER
**MS Lot-Sample #:** D7I060300-001
**Date Sampled...:** 09/05/07 08:40 **Date Received..:** 09/06/07
**Prep Date.....:** 09/12/07 **Analysis Date..:** 09/14/07
**Prep Batch #...:** 7255149
**Dilution Factor:** 1

| PARAMETER | PERCENT RECOVERY | RECOVERY LIMITS | METHOD |
|---|---|---|---|
| **PFOA** | **113** | **(70 - 130)** | **DEN -LC-0012** |
| **PFOS** | **90** | **(39 - 120)** | **DEN -LC-0012** |

| SURROGATE | PERCENT RECOVERY | RECOVERY LIMITS |
|---|---|---|
| 13C4 PFOA | 69 | (50 - 200) |
| 13C4 PFOS | 58 | (50 - 200) |

**NOTE(S):**

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

## MATRIX SPIKE SAMPLE DATA REPORT

### HPLC

**Lot-Sample #...:** D7I060300 **Work Order #...:** J6A2N1AC **Matrix.....:** WATER
**MS Lot-Sample #:** D7I060300-001
**Date Sampled...:** 09/05/07 08:40 **Date Received..:** 09/06/07
**Prep Date.....:** 09/12/07 **Analysis Date..:** 09/14/07
**Prep Batch #...:** 7255149
**Dilution Factor:** 1

| PARAMETER | SAMPLE AMOUNT | SPIKE AMT | MEASRD AMOUNT | UNITS | PERCENT RECOVERY | METHOD |
|---|---|---|---|---|---|---|
| **PFOA** | **0.040** | **0.195** | **0.260** | **ug/L** | **113** | **DEN -LC-0012** |
| **PFOS** | **0.029** | **0.195** | **0.205** | **ug/L** | **90** | **DEN -LC-0012** |

| SURROGATE | PERCENT RECOVERY | RECOVERY LIMITS |
|---|---|---|
| 13C4 PFOA | 69 | (50 - 200) |
| 13C4 PFOS | 58 | (50 - 200) |

**NOTE(S):**

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

SAMPLE DUPLICATE EVALUATION REPORT

HPLC

**Client Lot #...:** D7I060300 **Work Order #...:** J6A2N1AA -SMP **Matrix.....:** WATER
**SD Lot-Sample #:** D7I060300-001 J6A2N1AE -DUP
**Date Sampled...:** 09/05/07 08:40 **Date Received..:** 09/06/07 **MS Run #.....:**
**Prep Date.....:** 09/12/07 **Analysis Date..:** 09/14/07
**Prep Batch #...:** 7255149 **Analysis Time..:** 17:13
**Dilution Factor:** 1

| PARAMETER | SAMPLE RESULT | DUPLICATE RESULT | UNITS | RPD | RPD LIMIT | METHOD |
|---|---|---|---|---|---|---|
| PFOS | 0.029 | 0.035 | ug/L | 21 | (0-20) | DEN -LC-0012 |
| PFOA | 0.040 | 0.048 | ug/L | 19 | (0-20) | DEN -LC-0012 |

| SURROGATE RECOVERY | SAMPLE % RECOVERY | DUPLICATE % RECOVERY | RECOVERY LIMITS |
|---|---|---|---|
| 13C4 PFOA | 76 | 59 | (50 - 200) |
| 13C4 PFOS | 52 | 36 | (50 - 200) |

# Chain of Custody Record

IRI
9/6/07

SEVERN TRENT STL
Severn Trent Laboratories, Inc.

19

STL-4124 (0901)

| Client | Project Manager | Date | Chain of Custody Number |
|---|---|---|---|
| Garfield WATER Dept | MICHAEL SFERRUZZO | | 355987 |
| **Address** | **Telephone Number (Area Code)/Fax Number** | **Lab Number** | **Page ____ of ____** |
| 413 MIDland AVE | (973) 340 6102 /Fax (973) 478 5921 | | |
| **City** / **State** / **Zip Code** | **Site Contact** | **Lab Contact** | **Analysis (Attach list if more space is needed)** |
| Garfield / NJ / 07026 | | G DeRuzzo | |
| **Project Name and Location (State)** | **Carrier/Waybill Number** | | |
| Garfield PFOA Testing | | | |
| **Contract/Purchase Order/Quote No.** | | | |
| 75834 | | | |

| Sample I.D. No. and Description (Containers for each sample may be combined on one line) | Date | Time | Matrix: Air | Aqueous | Sed. | Soil | Containers & Preservatives: Unpres. | H2SO4 | HNO3 | HCl | NaOH | ZnAc/ NaOH | PFOA/PFOS | Special Instructions/ Conditions of Receip |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| G1 Elmwood Park Pump Station | 9/5/07 | 840AM | | X | | | 1 | | | | | | X | |
| | | | | ↓ | | | ↓ | | | | | | ↓ | |

**Possible Hazard Identification**
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

**Sample Disposal**
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months
(A fee may be assessed if samples are retained longer than 1 month)

**Turn Around Time Required**
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other ____

**QC Requirements (Specify)**

| | Date | Time | | Date | Time |
|---|---|---|---|---|---|
| 1. Relinquished By: Anthony D Rakowsky | 9/5/07 | 959 | 1. Received By: Allison Brandt | 9/6/07 | 0830 |
| 2. Relinquished By | | | 2. Received By | | |
| 3. Relinquished By | | | 3. Received By | | |

Comments: Fill in yellow areas.

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

DEP2-SDWB-000042

# Chain of Custody Record

MB 9/6/07

SEVERN TRENT **STL**

**Severn Trent Laboratories, Inc.**

STL-4124 (0901)

| | | | |
|---|---|---|---|
| Client: Garfield Water Dept | Project Manager: MICHAEL SFERRUZZO | Date: | Chain of Custody Number: 355987 |
| Address: 413 Midland Ave | Telephone Number (Area Code)/Fax Number: (973) 340 6102 / fax (973) 478 5921 | Lab Number: | Page ____ of ____ |
| City: Garfield / State: NJ / Zip Code: 07026 | Site Contact: | Lab Contact: G DeRuzzo | |
| Project Name and Location (State): Garfield PFOA Testing | Carrier/Waybill Number: | | |
| Contract/Purchase Order/Quote No.: 75834 | | | |

| Sample I.D. No. and Description (Containers for each sample may be combined on one line) | Date | Time | Matrix: Air | Aqueous | Sed. | Soil | Containers & Preservatives: Unpres. | H2SO4 | HNO3 | HCl | NaOH | ZnAc/ NaOH | Analysis: PFOA/PFOS | Special Instructions/ Conditions of Receipt |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| G1 — Elmwood Park Pump Station | 9/5/07 | 8:40AM | | X | | | 1 | | | | | | Y | |
| | | | | ↓ | | | ↓ | | | | | | ↓ | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other ____

QC Requirements (Specify):

| | | | | | |
|---|---|---|---|---|---|
| 1. Relinquished By: Anthony D Rostkowsky | Date: 9/5/07 | Time: 959 | 1. Received By: [signature] | Date: 9/6/07 | Time: 0830 |
| 2. Relinquished By: | Date: | Time: | 2. Received By: | Date: | Time: |
| 3. Relinquished By: | Date: | Time: | 3. Received By: | Date: | Time: |

Comments: Fill in yellow areas.

**DISTRIBUTION:** WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

DEP2-SDWB-000043