

Donna Musa  
Initial Investigation / Site Hazard Assessment Coordinator  
Regional Facility Site / ISIS Database Coordinator  
NWRO Toxics Cleanup Program, WA Dept of Ecology  
3190 160th Ave SE, Bellevue WA 98008

**Excavation and Confirmation Sampling of Petroleum  
Contaminated Soil at 1002 E Seneca Street, Seattle, WA**

Dear Ms. Musa,

Date 12/11/2015

Ramboll Environ US Corporation (Ramboll Environ) was retained by Epstein Family, LLC ("owner") in 2014 to conduct a Site Investigation of potentially petroleum-contaminated soil at a commercial property located 1002 East Seneca Street, in Seattle, Washington ("site" or "facility"). The 0.41-acre site is located in Seattle, Washington and is developed with a 14,160-square foot building that is located on the western edge of the property, consisting of a ground-floor level and a basement (lower level). To the east of the building is a paved parking lot. There are no other structures on the site. The site is flanked by East Seneca Street to the south and 10<sup>th</sup> Avenue to the west. The site is currently occupied by the Bright Horizons Day Care.

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During construction in October of 2014, a petroleum odor was encountered by workers in the basement. Subsequently, approximately 1.5 cubic yards of soil was excavated from a small pit where the odor was reported to be the strongest and soil samples were collected by the owners from the excavated material, as well as from the side and base of the pit and submitted to a Washington State certified laboratory on October 16<sup>th</sup> of 2014. The samples were analyzed for diesel and heavy oil range organics. Diesel was detected at a concentration of 3,010 milligrams per kilogram (mg/kg) in the excavated material, which exceeds the Model Toxics Control Act (MTCA) Method A clean-up value. Diesel was also detected at concentrations of 1,940 mg/kg (for the sample collected from the bottom of the pit) and 1,480 mg/kg (for the sample collected from the side of the pit). Heavy oil was not detected in any of the samples collected. As a result, Ramboll Environ was retained by the owner to complete a Site Investigation and prepare a report for submittal to the Washington State Department of Ecology (Ecology).

Ramboll Environ's initial field activities were conducted on November 25<sup>th</sup> and December 11<sup>th</sup> of 2014 and consisted of the non-invasive sampling from the surface of exposed soils in the basement of the facility to evaluate the need of further investigation. Once a more defined scope of work was developed, field investigation activities included conducting utility clearance, advancing soil borings, and collection of soil samples, which were conducted from December 22<sup>nd</sup> to the 24<sup>th</sup>.

Diesel was not detected in any of the surface- or sub-surface samples collected as part of this investigation and detected concentration of heavy oil were observed in samples SB3-6-122214, SS02, SS03, SS06, SS07, and SS09, with a maximum value of 422 mg/kg (SS09) and all were well below the MTCA Method A level of 2,000 mg/kg for heavy oil in soils<sup>1</sup>. Also, gasoline was not detected in any of the samples analyzed and the only BTEX constituent detected was xylene at concentrations at an order-of-magnitude less than the MTCA Method A value for total xylenes.

<sup>1</sup> Site Investigation Report, 1002 East Seneca Street, Seattle, Washington, Prepared for Epstein family, LLC, Prepared by Environ International Corporation, Seattle, Washington, January 2015.

Based on the results of the investigation, the extent of diesel contamination above MTCA Method A criteria at the facility was limited to the pit area near the south wall of the basement, where the odor was originally observed. Furthermore, any vertical migration of diesel in this area was likely confined by the hard and till-like unit that resulted in refusal for all borings that were advanced in the basement.

As a result, to ensure that the residual-petroleum contaminated soils are mitigated to protect human health and the environment, including the needs of the new tenant, Ramboll Environ recommended the following:

- Excavate soils from the pit area to the depth of refusal. The extent of this excavation would be based on field observations but would likely be limited and not extend beyond locations SS05, SS07, and SB03/SS02 (Figure 1);
- Containerize the excavated soil for subsequent analysis, transport, and disposal off-site; and
- Oversee the excavation activities performed and collect of confirmation soil samples to ensure soils impacted MTCA Method A criteria have been removed.

Excavation of the source area of the petroleum-contaminated soils were conducted on January 27 of 2015, resulting in the removal of approximately 1.5 cubic yards of soil that were placed in twelve 50-gallon DOT steel drums for characterization, manifest as non-hazardous waste, and disposal.

Three confirmation samples were collected from the pit as shown on Figure 1, with all three retrieved from near the bottom of the pit on the north-, east-, and west-sides (C-N, C-E, and C-W, respectively). The three samples were submitted under a chain of custody to Fremont Analytical for the determination of BTEX, along with Gasoline range organics (GRO) and Diesel/Heavy Oil range organics (DRO) (Attachment A). BTEX compounds and GRO were not detected in any of the samples submitted and DRO was only detected in samples C-W and C-E at concentrations of 388 and 73.9, respectively (both well below the MTCA action limit of 2000 mg/kg).

Therefore, any remaining, residual petroleum in the soils at the site present a *de minimis* risk to human health and the environment. Furthermore, a vapor barrier was subsequently placed in areas of the basement where soil was exposed prior to the emplacement of new concrete to satisfy the concerns of the current tenant (the day care facility).

As a result, we do not recommend any further corrective actions at this time and, on behalf of Epstein Family, LLC, we request that Ecology not list the Site.

Yours sincerely



**Ken Ames, PG**  
Senior Manager

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kames@ramboll.com

Attachments  
Laboratory Analytical Report  
Figure 1







3600 Fremont Ave. N.

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**Epstein Family LLC**

Ken Ames

2308 48th Ave

Seattle, WA 98116

**RE: Seneca Site**

**Lab ID: 1501221**

January 29, 2015

**Attention Ken Ames:**

Fremont Analytical, Inc. received 3 sample(s) on 1/27/2015 for the analyses presented in the following report.

***Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.***

***Gasoline by NWTPH-Gx***

***Sample Moisture (Percent Moisture)***

***Volatile Organic Compounds by EPA Method 8260***

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Chelsea Ward  
Project Manager



Date: 01/29/2015

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**CLIENT:** Epstein Family LLC  
**Project:** Seneca Site  
**Lab Order:** 1501221

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## Work Order Sample Summary

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Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
1501221-001	C-N	01/27/2015 12:23 PM	01/27/2015 1:25 PM
1501221-002	C-E	01/27/2015 12:25 PM	01/27/2015 1:25 PM
1501221-003	C-W	01/27/2015 12:28 PM	01/27/2015 1:25 PM

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Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned



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**CLIENT:** Epstein Family LLC  
**Project:** Seneca Site

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**I. SAMPLE RECEIPT:**

Samples receipt information is recorded on the attached Sample Receipt Checklist.

**II. GENERAL REPORTING COMMENTS:**

Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

**III. ANALYSES AND EXCEPTIONS:**

Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.



# Analytical Report

WO#: 1501221

Date Reported: 1/29/2015

Client: Epstein Family LLC

Collection Date: 1/27/2015 12:23:00 PM

Project: Seneca Site

Lab ID: 1501221-001

Matrix: Soil

Client Sample ID: C-N

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b><u>Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.</u></b>				Batch ID: 9899		Analyst: EC
Diesel (Fuel Oil)	ND	22.6		mg/Kg-dry	1	1/28/2015 12:03:00 AM
Heavy Oil	ND	56.5		mg/Kg-dry	1	1/28/2015 12:03:00 AM
Surr: 2-Fluorobiphenyl	96.5	50-150		%REC	1	1/28/2015 12:03:00 AM
Surr: o-Terphenyl	99.2	50-150		%REC	1	1/28/2015 12:03:00 AM
<b><u>Gasoline by NWTPH-Gx</u></b>				Batch ID: 9900		Analyst: AK
Gasoline	ND	4.73		mg/Kg-dry	1	1/27/2015 10:10:00 PM
Surr: 4-Bromofluorobenzene	92.2	65-135		%REC	1	1/27/2015 10:10:00 PM
Surr: Toluene-d8	103	65-135		%REC	1	1/27/2015 10:10:00 PM
<b><u>Volatile Organic Compounds by EPA Method 8260</u></b>				Batch ID: 9900		Analyst: AK
Benzene	ND	0.0189		mg/Kg-dry	1	1/27/2015 10:10:00 PM
Toluene	ND	0.0189		mg/Kg-dry	1	1/27/2015 10:10:00 PM
Ethylbenzene	ND	0.0284		mg/Kg-dry	1	1/27/2015 10:10:00 PM
m,p-Xylene	ND	0.0189		mg/Kg-dry	1	1/27/2015 10:10:00 PM
o-Xylene	ND	0.0189		mg/Kg-dry	1	1/27/2015 10:10:00 PM
Surr: Dibromofluoromethane	86.3	63.7-129		%REC	1	1/27/2015 10:10:00 PM
Surr: Toluene-d8	103	64.3-131		%REC	1	1/27/2015 10:10:00 PM
Surr: 1-Bromo-4-fluorobenzene	92.2	63.1-141		%REC	1	1/27/2015 10:10:00 PM
<b><u>Sample Moisture (Percent Moisture)</u></b>				Batch ID: R20346		Analyst: CG
Percent Moisture	11.5			wt%	1	1/28/2015 10:44:36 AM

**Qualifiers:** B Analyte detected in the associated Method Blank  
E Value above quantitation range  
J Analyte detected below quantitation limits  
RL Reporting Limit

D Dilution was required  
H Holding times for preparation or analysis exceeded  
ND Not detected at the Reporting Limit  
S Spike recovery outside accepted recovery limits



## Analytical Report

WO#: 1501221

Date Reported: 1/29/2015

Client: Epstein Family LLC

Collection Date: 1/27/2015 12:25:00 PM

Project: Seneca Site

Lab ID: 1501221-002

Matrix: Soil

Client Sample ID: C-E

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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### Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Batch ID: 9899

Analyst: EC

Diesel (Fuel Oil)	388	22.1		mg/Kg-dry	1	1/28/2015 12:34:00 AM
Heavy Oil	ND	55.3		mg/Kg-dry	1	1/28/2015 12:34:00 AM
Surr: 2-Fluorobiphenyl	97.7	50-150		%REC	1	1/28/2015 12:34:00 AM
Surr: o-Terphenyl	109	50-150		%REC	1	1/28/2015 12:34:00 AM

### Gasoline by NWTPH-Gx

Batch ID: 9900

Analyst: AK

Gasoline	ND	4.28		mg/Kg-dry	1	1/27/2015 10:38:00 PM
Surr: 4-Bromofluorobenzene	91.7	65-135		%REC	1	1/27/2015 10:38:00 PM
Surr: Toluene-d8	101	65-135		%REC	1	1/27/2015 10:38:00 PM

### Volatile Organic Compounds by EPA Method 8260

Batch ID: 9900

Analyst: AK

Benzene	ND	0.0171		mg/Kg-dry	1	1/27/2015 10:38:00 PM
Toluene	ND	0.0171		mg/Kg-dry	1	1/27/2015 10:38:00 PM
Ethylbenzene	ND	0.0257		mg/Kg-dry	1	1/27/2015 10:38:00 PM
m,p-Xylene	ND	0.0171		mg/Kg-dry	1	1/27/2015 10:38:00 PM
o-Xylene	ND	0.0171		mg/Kg-dry	1	1/27/2015 10:38:00 PM
Surr: Dibromofluoromethane	87.4	63.7-129		%REC	1	1/27/2015 10:38:00 PM
Surr: Toluene-d8	101	64.3-131		%REC	1	1/27/2015 10:38:00 PM
Surr: 1-Bromo-4-fluorobenzene	91.7	63.1-141		%REC	1	1/27/2015 10:38:00 PM

### Sample Moisture (Percent Moisture)

Batch ID: R20346

Analyst: CG

Percent Moisture	9.54			wt%	1	1/28/2015 10:44:36 AM
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**Qualifiers:** B Analyte detected in the associated Method Blank  
E Value above quantitation range  
J Analyte detected below quantitation limits  
RL Reporting Limit

D Dilution was required  
H Holding times for preparation or analysis exceeded  
ND Not detected at the Reporting Limit  
S Spike recovery outside accepted recovery limits





# Analytical Report

WO#: 1501221

Date Reported: 1/29/2015

Client: Epstein Family LLC

Collection Date: 1/27/2015 12:28:00 PM

Project: Seneca Site

Lab ID: 1501221-003

Matrix: Soil

Client Sample ID: C-W

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b><u>Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.</u></b>				Batch ID: 9899		Analyst: EC
Diesel (Fuel Oil)	73.9	22.4		mg/Kg-dry	1	1/28/2015 1:06:00 AM
Heavy Oil	ND	56.1		mg/Kg-dry	1	1/28/2015 1:06:00 AM
Surr: 2-Fluorobiphenyl	95.3	50-150		%REC	1	1/28/2015 1:06:00 AM
Surr: o-Terphenyl	98.8	50-150		%REC	1	1/28/2015 1:06:00 AM
<b><u>Gasoline by NWTPH-Gx</u></b>				Batch ID: 9900		Analyst: AK
Gasoline	ND	4.14		mg/Kg-dry	1	1/27/2015 11:07:00 PM
Surr: 4-Bromofluorobenzene	96.1	65-135		%REC	1	1/27/2015 11:07:00 PM
Surr: Toluene-d8	91.7	65-135		%REC	1	1/27/2015 11:07:00 PM
<b><u>Volatile Organic Compounds by EPA Method 8260</u></b>				Batch ID: 9900		Analyst: AK
Benzene	ND	0.0166		mg/Kg-dry	1	1/27/2015 11:07:00 PM
Toluene	ND	0.0166		mg/Kg-dry	1	1/27/2015 11:07:00 PM
Ethylbenzene	ND	0.0248		mg/Kg-dry	1	1/27/2015 11:07:00 PM
m,p-Xylene	ND	0.0166		mg/Kg-dry	1	1/27/2015 11:07:00 PM
o-Xylene	ND	0.0166		mg/Kg-dry	1	1/27/2015 11:07:00 PM
Surr: Dibromofluoromethane	88.2	63.7-129		%REC	1	1/27/2015 11:07:00 PM
Surr: Toluene-d8	102	64.3-131		%REC	1	1/27/2015 11:07:00 PM
Surr: 1-Bromo-4-fluorobenzene	96.0	63.1-141		%REC	1	1/27/2015 11:07:00 PM
<b><u>Sample Moisture (Percent Moisture)</u></b>				Batch ID: R20346		Analyst: CG
Percent Moisture	10.8			wt%	1	1/28/2015 10:44:36 AM

**Qualifiers:** B Analyte detected in the associated Method Blank  
E Value above quantitation range  
J Analyte detected below quantitation limits  
RL Reporting Limit

D Dilution was required  
H Holding times for preparation or analysis exceeded  
ND Not detected at the Reporting Limit  
S Spike recovery outside accepted recovery limits



Date: 1/29/2015

Work Order: 1501221  
CLIENT: Epstein Family LLC  
Project: Seneca Site

**QC SUMMARY REPORT**  
**Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.**

Sample ID: <b>1501218-006BDUP</b>	SampType: <b>DUP</b>	Units: <b>mg/Kg-dry</b>		Prep Date: <b>1/27/2015</b>	RunNo: <b>20319</b>
Client ID: <b>BATCH</b>	Batch ID: <b>9899</b>	Analysis Date: <b>1/27/2015</b>		SeqNo: <b>386262</b>	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Diesel (Fuel Oil)	ND	22.3						0		30
Heavy Oil	ND	55.7						0		30
Surr: 2-Fluorobiphenyl	24.9		22.27		112	50	150		0	
Surr: o-Terphenyl	25.7		22.27		115	50	150		0	

Sample ID: <b>MB-9899</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>		Prep Date: <b>1/27/2015</b>	RunNo: <b>20319</b>
Client ID: <b>MBLKS</b>	Batch ID: <b>9899</b>	Analysis Date: <b>1/27/2015</b>		SeqNo: <b>386369</b>	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Diesel (Fuel Oil)	ND	20.0								
Heavy Oil	ND	50.0								
Surr: 2-Fluorobiphenyl	21.8		20.00		109	50	150			
Surr: o-Terphenyl	22.5		20.00		112	50	150			

Sample ID: <b>LCS-9899</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>		Prep Date: <b>1/27/2015</b>	RunNo: <b>20319</b>
Client ID: <b>LCSS</b>	Batch ID: <b>9899</b>	Analysis Date: <b>1/27/2015</b>		SeqNo: <b>386390</b>	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Diesel (Fuel Oil)	497	20.0	500.0	0	99.5	65	135			
Surr: 2-Fluorobiphenyl	22.1		20.00		111	50	150			
Surr: o-Terphenyl	26.0		20.00		130	50	150			

**Qualifiers:**

B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits



Date: 1/29/2015

Work Order: 1501221  
CLIENT: Epstein Family LLC  
Project: Seneca Site

## QC SUMMARY REPORT

### Gasoline by NWTPH-Gx

Sample ID: <b>LCS-9900</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>		Prep Date: <b>1/27/2015</b>	RunNo: <b>20328</b>
Client ID: <b>LCSS</b>	Batch ID: <b>9900</b>	Analysis Date: <b>1/27/2015</b>		SeqNo: <b>386711</b>	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Gasoline	23.8	5.00	25.00	0	95.2	65	135
Surr: Toluene-d8	1.18		1.250		94.7	65	135
Surr: 4-Bromofluorobenzene	1.22		1.250		97.4	65	135

Sample ID: <b>MB-9900</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>		Prep Date: <b>1/27/2015</b>	RunNo: <b>20328</b>
Client ID: <b>MBLKS</b>	Batch ID: <b>9900</b>	Analysis Date: <b>1/27/2015</b>		SeqNo: <b>386712</b>	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Gasoline	ND	5.00					
Surr: Toluene-d8	1.20		1.250		96.2	65	135
Surr: 4-Bromofluorobenzene	1.21		1.250		96.7	65	135

Sample ID: <b>1501218-001ADUP</b>	SampType: <b>DUP</b>	Units: <b>mg/Kg-dry</b>		Prep Date: <b>1/27/2015</b>	RunNo: <b>20328</b>
Client ID: <b>BATCH</b>	Batch ID: <b>9900</b>	Analysis Date: <b>1/27/2015</b>		SeqNo: <b>386713</b>	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Gasoline	ND	7.29					0	30
Surr: Toluene-d8	1.70		1.824		93.2	65	135	0
Surr: 4-Bromofluorobenzene	1.68		1.824		92.3	65	135	0

**Qualifiers:**

B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits



Date: 1/29/2015

Work Order: 1501221  
CLIENT: Epstein Family LLC  
Project: Seneca Site

**QC SUMMARY REPORT**  
**Volatile Organic Compounds by EPA Method 8260**

Sample ID: <b>LCS-9900</b>	SampType: <b>LCS</b>	Units: <b>µg/L</b>			Prep Date: <b>1/27/2015</b>			RunNo: <b>20324</b>			
Client ID: <b>LCSS</b>	Batch ID: <b>9900</b>	Analysis Date: <b>1/27/2015</b>						SeqNo: <b>386632</b>			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	0.952	0.0200	1.000	0	95.2	64.3	133				
Toluene	0.910	0.0200	1.000	0	91.0	67.3	138				
Ethylbenzene	0.942	0.0300	1.000	0	94.2	74	129				
m,p-Xylene	1.83	0.0200	2.000	0	91.4	79.8	128				
o-Xylene	0.949	0.0200	1.000	0	94.9	72.7	124				
Surr: Dibromofluoromethane	1.25		1.250		99.8	63.7	129				
Surr: Toluene-d8	1.35		1.250		108	64.3	131				
Surr: 1-Bromo-4-fluorobenzene	1.27		1.250		102	63.1	141				

Sample ID: <b>1501218-001ADUP</b>	SampType: <b>DUP</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>1/27/2015</b>			RunNo: <b>20324</b>		
Client ID: <b>BATCH</b>	Batch ID: <b>9900</b>	Analysis Date: <b>1/27/2015</b>							SeqNo: <b>386693</b>		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	ND	0.0292						0		30	
Toluene	ND	0.0292						0		30	
Ethylbenzene	ND	0.0438						0		30	
m,p-Xylene	ND	0.0292						0		30	
o-Xylene	ND	0.0292						0		30	
Surr: Dibromofluoromethane	1.61		1.824		88.4	63.7	129		0		
Surr: Toluene-d8	1.88		1.824		103	64.3	131		0		
Surr: 1-Bromo-4-fluorobenzene	1.68		1.824		91.9	63.1	141		0		

Sample ID: <b>1501218-002AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>1/27/2015</b>			RunNo: <b>20324</b>		
Client ID: <b>BATCH</b>	Batch ID: <b>9900</b>					Analysis Date: <b>1/27/2015</b>			SeqNo: <b>386694</b>		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	1.33	0.0275	1.375	0	96.7	63.5	133				
Toluene	1.19	0.0275	1.375	0	86.4	63.4	132				

**Qualifiers:**

B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits



Date: 1/29/2015

Work Order: 1501221  
CLIENT: Epstein Family LLC  
Project: Seneca Site

**QC SUMMARY REPORT**  
**Volatile Organic Compounds by EPA Method 8260**

Sample ID: <b>1501218-002AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>1/27/2015</b>			RunNo: <b>20324</b>		
Client ID: <b>BATCH</b>	Batch ID: <b>9900</b>	Analysis Date: <b>1/27/2015</b>							SeqNo: <b>386694</b>		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Ethylbenzene	1.30	0.0412	1.375	0	94.5	54.5	134				
m,p-Xylene	2.54	0.0275	2.749	0	92.3	53.1	132				
o-Xylene	1.32	0.0275	1.375	0	96.1	53.3	139				
Surr: Dibromofluoromethane	1.76		1.718		103	63.7	129				
Surr: Toluene-d8	1.76		1.718		102	64.3	131				
Surr: 1-Bromo-4-fluorobenzene	1.72		1.718		99.8	63.1	141				

Sample ID: <b>MB-9900</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>			Prep Date: <b>1/27/2015</b>			RunNo: <b>20324</b>			
Client ID: <b>MBLKS</b>	Batch ID: <b>9900</b>	Analysis Date: <b>1/27/2015</b>						SeqNo: <b>386696</b>			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	ND	0.0200									
Toluene	ND	0.0200									
Ethylbenzene	ND	0.0300									
m,p-Xylene	ND	0.0200									
o-Xylene	ND	0.0200									
Surr: Dibromofluoromethane	1.15		1.250		91.9	63.7	129				
Surr: Toluene-d8	1.34		1.250		107	64.3	131				
Surr: 1-Bromo-4-fluorobenzene	1.20		1.250		96.3	63.1	141				

**Qualifiers:**

B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits





## Sample Log-In Check List

Client Name: **EPSTEIN**  
Logged by: **Kerra Ziegler**

Work Order Number: **1501221**  
Date Received: **1/27/2015 1:25:00 PM**

### Chain of Custody

1. Is Chain of Custody complete? Yes ☒ No ☐ Not Present ☐  
2. How was the sample delivered? Client

### Log In

3. Coolers are present? Yes ☒ No ☐ NA ☐  
4. Shipping container/cooler in good condition? Yes ☒ No ☐  
5. Custody seals intact on shipping container/cooler? Yes ☐ No ☐ Not Required ☒  
6. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐  
7. Were all coolers received at a temperature of  $>0^{\circ}\text{C}$  to  $10.0^{\circ}\text{C}$ ? Yes ☒ No ☐ NA ☐  
8. Sample(s) in proper container(s)? Yes ☒ No ☐  
9. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐  
10. Are samples properly preserved? Yes ☒ No ☐  
11. Was preservative added to bottles? Yes ☐ No ☒ NA ☐  
12. Is the headspace in the VOA vials? Yes ☐ No ☐ NA ☒  
13. Did all samples containers arrive in good condition(unbroken)? Yes ☒ No ☐  
14. Does paperwork match bottle labels? Yes ☒ No ☐  
15. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐  
16. Is it clear what analyses were requested? Yes ☒ No ☐  
17. Were all holding times able to be met? Yes ☒ No ☐

### Special Handling (if applicable)

18. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified:  Date:   
By Whom:  Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person  
Regarding:   
Client Instructions:

19. Additional remarks:

### Item Information

Item #	Temp $^{\circ}\text{C}$	Condition
Cooler	6.0	Good
Sample	6.0	Good



**Fremont**  
Analytical

3600 Fremont Ave N.  
Seattle, WA 98103

Tel: 206-352-3790  
Fax: 206-352-7178

Date: 1-27-15  
Laboratory Project No (internal): 1501221

Chain of Custody Record

- Client wants  
to be billed  
directly

Client: Eastern Family LLC Store  
Address: Eastern  
City, State, Zip: 2010-1009-7173  
Project Name: Seneca Site  
Location: 1002 E Seneca St., Seattle  
Collected by: Sam Leick  
Email: kames@envirocorp.com  
Project No:

Reports To (PM): Ken Ames  
Matrix Codes: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, WW = Waste Water

Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOC (EPA 8260)	GV/BTEX	BTEX	Gasoline Range Organics (GRO)	Hydrocarbon Identification (HID)	Diesel/Heav Oil Range Organics (DO)	SEMI VOL (EPA 8270)	PAH (EPA 8270 - SIM)	PCBs (EPA 8082)	Metals** (6020 / 200.8)	Total (T)   Dissolved (D)	Anions (IC)**	EDR (8011)	Comments/Depth
1 C-N	1-21-1223		S														
2 C-E	1225																
3 C-W	1228																
4																	
5																	
6																	
7																	
8																	
9																	
10																	

\*\*\*Metals Analysis (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL Individual: Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Si Sn Ti Tl U V Zn

\*\*\*Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide Iodide Phosphate Fluoride Nitrate-Nitrite

Sample Disposal: ☐ Return to Client ☐ Disposal by Lab (a fee may be assessed if samples are retained after 30 days.)

Relinquished: 1325/1-27-15 Date/Time Received: 1-27-15 Date/Time

Relinquished: 1325/1-27-15 Date/Time Received: 1-27-15 Date/Time

TAT -> SameDay^ NextDay^ 2 Day^ 3 Day^ 5 Day^ 10 Day^ 15 Day^ 30 Day^ 60 Day^ 90 Day^ 120 Day^ 180 Day^ 240 Day^ 360 Day^ 720 Day^ 1080 Day^ 1440 Day^ 2160 Day^ 2880 Day^ 3600 Day^ 4320 Day^ 5040 Day^ 5760 Day^ 6480 Day^ 7200 Day^ 7920 Day^ 8640 Day^ 9360 Day^ 10080 Day^ 10800 Day^ 11520 Day^ 12240 Day^ 12960 Day^ 13680 Day^ 14400 Day^ 15120 Day^ 15840 Day^ 16560 Day^ 17280 Day^ 18000 Day^ 18720 Day^ 19440 Day^ 20160 Day^ 20880 Day^ 21600 Day^ 22320 Day^ 23040 Day^ 23760 Day^ 24480 Day^ 25200 Day^ 25920 Day^ 26640 Day^ 27360 Day^ 28080 Day^ 28800 Day^ 29520 Day^ 30240 Day^ 30960 Day^ 31680 Day^ 32400 Day^ 33120 Day^ 33840 Day^ 34560 Day^ 35280 Day^ 36000 Day^ 36720 Day^ 37440 Day^ 38160 Day^ 38880 Day^ 39600 Day^ 40320 Day^ 41040 Day^ 41760 Day^ 42480 Day^ 43200 Day^ 43920 Day^ 44640 Day^ 45360 Day^ 46080 Day^ 46800 Day^ 47520 Day^ 48240 Day^ 48960 Day^ 49680 Day^ 50400 Day^ 51120 Day^ 51840 Day^ 52560 Day^ 53280 Day^ 54000 Day^ 54720 Day^ 55440 Day^ 56160 Day^ 56880 Day^ 57600 Day^ 58320 Day^ 59040 Day^ 59760 Day^ 60480 Day^ 61200 Day^ 61920 Day^ 62640 Day^ 63360 Day^ 64080 Day^ 64800 Day^ 65520 Day^ 66240 Day^ 66960 Day^ 67680 Day^ 68400 Day^ 69120 Day^ 69840 Day^ 70560 Day^ 71280 Day^ 72000 Day^ 72720 Day^ 73440 Day^ 74160 Day^ 74880 Day^ 75600 Day^ 76320 Day^ 77040 Day^ 77760 Day^ 78480 Day^ 79200 Day^ 79920 Day^ 80640 Day^ 81360 Day^ 82080 Day^ 82800 Day^ 83520 Day^ 84240 Day^ 84960 Day^ 85680 Day^ 86400 Day^ 87120 Day^ 87840 Day^ 88560 Day^ 89280 Day^ 90000 Day^ 90720 Day^ 91440 Day^ 92160 Day^ 92880 Day^ 93600 Day^ 94320 Day^ 95040 Day^ 95760 Day^ 96480 Day^ 97200 Day^ 97920 Day^ 98640 Day^ 99360 Day^ 100080 Day^ 100800 Day^ 101520 Day^ 102240 Day^ 102960 Day^ 103680 Day^ 104400 Day^ 105120 Day^ 105840 Day^ 106560 Day^ 107280 Day^ 108000 Day^ 108720 Day^ 109440 Day^ 110160 Day^ 110880 Day^ 111600 Day^ 112320 Day^ 113040 Day^ 113760 Day^ 114480 Day^ 115200 Day^ 115920 Day^ 116640 Day^ 117360 Day^ 118080 Day^ 118800 Day^ 119520 Day^ 120240 Day^ 120960 Day^ 121680 Day^ 122400 Day^ 123120 Day^ 123840 Day^ 124560 Day^ 125280 Day^ 126000 Day^ 126720 Day^ 127440 Day^ 128160 Day^ 128880 Day^ 129600 Day^ 130320 Day^ 131040 Day^ 131760 Day^ 132480 Day^ 133200 Day^ 133920 Day^ 134640 Day^ 135360 Day^ 136080 Day^ 136800 Day^ 137520 Day^ 138240 Day^ 138960 Day^ 139680 Day^ 140400 Day^ 141120 Day^ 141840 Day^ 142560 Day^ 143280 Day^ 144000 Day^ 144720 Day^ 145440 Day^ 146160 Day^ 146880 Day^ 147600 Day^ 148320 Day^ 149040 Day^ 149760 Day^ 150480 Day^ 151200 Day^ 151920 Day^ 152640 Day^ 153360 Day^ 154080 Day^ 154800 Day^ 155520 Day^ 156240 Day^ 156960 Day^ 157680 Day^ 158400 Day^ 159120 Day^ 159840 Day^ 160560 Day^ 161280 Day^ 162000 Day^ 162720 Day^ 163440 Day^ 164160 Day^ 164880 Day^ 165600 Day^ 166320 Day^ 167040 Day^ 167760 Day^ 168480 Day^ 169200 Day^ 169920 Day^ 170640 Day^ 171360 Day^ 172080 Day^ 172800 Day^ 173520 Day^ 174240 Day^ 174960 Day^ 175680 Day^ 176400 Day^ 177120 Day^ 177840 Day^ 178560 Day^ 179280 Day^ 180000 Day^ 180720 Day^ 181440 Day^ 182160 Day^ 182880 Day^ 183600 Day^ 184320 Day^ 185040 Day^ 185760 Day^ 186480 Day^ 187200 Day^ 187920 Day^ 188640 Day^ 189360 Day^ 190080 Day^ 190800 Day^ 191520 Day^ 192240 Day^ 192960 Day^ 193680 Day^ 194400 Day^ 195120 Day^ 195840 Day^ 196560 Day^ 197280 Day^ 198000 Day^ 198720 Day^ 199440 Day^ 200160 Day^ 200880 Day^ 201600 Day^ 202320 Day^ 203040 Day^ 203760 Day^ 204480 Day^ 205200 Day^ 205920 Day^ 206640 Day^ 207360 Day^ 208080 Day^ 208800 Day^ 209520 Day^ 210240 Day^ 210960 Day^ 211680 Day^ 212400 Day^ 213120 Day^ 213840 Day^ 214560 Day^ 215280 Day^ 216000 Day^ 216720 Day^ 217440 Day^ 218160 Day^ 218880 Day^ 219600 Day^ 220320 Day^ 221040 Day^ 221760 Day^ 222480 Day^ 223200 Day^ 223920 Day^ 224640 Day^ 225360 Day^ 226080 Day^ 226800 Day^ 227520 Day^ 228240 Day^ 228960 Day^ 229680 Day^ 230400 Day^ 231120 Day^ 231840 Day^ 232560 Day^ 233280 Day^ 234000 Day^ 234720 Day^ 235440 Day^ 236160 Day^ 236880 Day^ 237600 Day^ 238320 Day^ 239040 Day^ 239760 Day^ 240480 Day^ 241200 Day^ 241920 Day^ 242640 Day^ 243360 Day^ 244080 Day^ 244800 Day^ 245520 Day^ 246240 Day^ 246960 Day^ 247680 Day^ 248400 Day^ 249120 Day^ 249840 Day^ 250560 Day^ 251280 Day^ 252000 Day^ 252720 Day^ 253440 Day^ 254160 Day^ 254880 Day^ 255600 Day^ 256320 Day^ 257040 Day^ 257760 Day^ 258480 Day^ 259200 Day^ 259920 Day^ 260640 Day^ 261360 Day^ 262080 Day^ 262800 Day^ 263520 Day^ 264240 Day^ 264960 Day^ 265680 Day^ 266400 Day^ 267120 Day^ 267840 Day^ 268560 Day^ 269280 Day^ 270000 Day^ 270720 Day^ 271440 Day^ 272160 Day^ 272880 Day^ 273600 Day^ 274320 Day^ 275040 Day^ 275760 Day^ 276480 Day^ 277200 Day^ 277920 Day^ 278640 Day^ 279360 Day^ 280080 Day^ 280800 Day^ 281520 Day^ 282240 Day^ 282960 Day^ 283680 Day^ 284400 Day^ 285120 Day^ 285840 Day^ 286560 Day^ 287280 Day^ 288000 Day^ 288720 Day^ 289440 Day^ 290160 Day^ 290880 Day^ 291600 Day^ 292320 Day^ 293040 Day^ 293760 Day^ 294480 Day^ 295200 Day^ 295920 Day^ 296640 Day^ 297360 Day^ 298080 Day^ 298800 Day^ 299520 Day^ 300240 Day^ 300960 Day^ 301680 Day^ 302400 Day^ 303120 Day^ 303840 Day^ 304560 Day^ 305280 Day^ 306000 Day^ 306720 Day^ 307440 Day^ 308160 Day^ 308880 Day^ 309600 Day^ 310320 Day^ 311040 Day^ 311760 Day^ 312480 Day^ 313200 Day^ 313920 Day^ 314640 Day^ 315360 Day^ 316080 Day^ 316800 Day^ 317520 Day^ 318240 Day^ 318960 Day^ 319680 Day^ 320400 Day^ 321120 Day^ 321840 Day^ 322560 Day^ 323280 Day^ 324000 Day^ 324720 Day^ 325440 Day^ 326160 Day^ 326880 Day^ 327600 Day^ 328320 Day^ 329040 Day^ 329760 Day^ 330480 Day^ 331200 Day^ 331920 Day^ 332640 Day^ 333360 Day^ 334080 Day^ 334800 Day^ 335520 Day^ 336240 Day^ 336960 Day^ 337680 Day^ 338400 Day^ 339120 Day^ 339840 Day^ 340560 Day^ 341280 Day^ 342000 Day^ 342720 Day^ 343440 Day^ 344160 Day^ 344880 Day^ 345600 Day^ 346320 Day^ 347040 Day^ 347760 Day^ 348480 Day^ 349200 Day^ 349920 Day^ 350640 Day^ 351360 Day^ 352080 Day^ 352800 Day^ 353520 Day^ 354240 Day^ 354960 Day^ 355680 Day^ 356400 Day^ 357120 Day^ 357840 Day^ 358560 Day^ 359280 Day^ 360000 Day^ 360720 Day^ 361440 Day^ 362160 Day^ 362880 Day^ 363600 Day^ 364320 Day^ 365040 Day^ 365760 Day^ 366480 Day^ 367200 Day^ 367920 Day^ 368640 Day^ 369360 Day^ 370080 Day^ 370800 Day^ 371520 Day^ 372240 Day^ 372960 Day^ 373680 Day^ 374400 Day^ 375120 Day^ 375840 Day^ 376560 Day^ 377280 Day^ 378000 Day^ 378720 Day^ 379440 Day^ 380160 Day^ 380880 Day^ 381600 Day^ 382320 Day^ 383040 Day^ 383760 Day^ 384480 Day^ 385200 Day^ 385920 Day^ 386640 Day^ 387360 Day^ 388080 Day^ 388800 Day^ 389520 Day^ 390240 Day^ 390960 Day^ 391680 Day^ 392400 Day^ 393120 Day^ 393840 Day^ 394560 Day^ 395280 Day^ 396000 Day^ 396720 Day^ 397440 Day^ 398160 Day^ 398880 Day^ 399600 Day^ 400320 Day^ 401040 Day^ 401760 Day^ 402480 Day^ 403200 Day^ 403920 Day^ 404640 Day^ 405360 Day^ 406080 Day^ 406800 Day^ 407520 Day^ 408240 Day^ 408960 Day^ 409680 Day^ 410400 Day^ 411120 Day^ 411840 Day^ 412560 Day^ 413280 Day^ 414000 Day^ 414720 Day^ 415440 Day^ 416160 Day^ 416880 Day^ 417600 Day^ 418320 Day^ 419040 Day^ 419760 Day^ 420480 Day^ 421200 Day^ 421920 Day^ 422640 Day^ 423360 Day^ 424080 Day^ 424800 Day^ 425520 Day^ 426240 Day^ 426960 Day^ 427680 Day^ 428400 Day^ 429120 Day^ 429840 Day^ 430560 Day^ 431280 Day^ 432000 Day^ 432720 Day^ 433440 Day^ 434160 Day^ 434880 Day^ 435600 Day^ 436320 Day^ 437040 Day^ 437760 Day^ 438480 Day^ 439200 Day^ 439920 Day^ 440640 Day^ 441360 Day^ 442080 Day^ 442800 Day^ 443520 Day^ 444240 Day^ 444960 Day^ 445680 Day^ 446400 Day^ 447120 Day^ 447840 Day^ 448560 Day^ 449280 Day^ 450000 Day^ 450720 Day^ 451440 Day^ 452160 Day^ 452880 Day^ 453600 Day^ 454320 Day^ 455040 Day^ 455760 Day^ 456480 Day^ 457200 Day^ 457920 Day^ 458640 Day^ 459360 Day^ 460080 Day^ 460800 Day^ 461520 Day^ 462240 Day^ 462960 Day^ 463680 Day^ 464400 Day^ 465120 Day^ 465840 Day^ 466560 Day^ 467280 Day^ 468000 Day^ 468720 Day^ 469440 Day^ 470160 Day^ 470880 Day^ 471600 Day^ 472320 Day^ 473040 Day^ 473760 Day^ 474480 Day^ 475200 Day^ 475920 Day^ 476640 Day^ 477360 Day^ 478080 Day^ 478800 Day^ 479520 Day^ 480240 Day^ 480960 Day^ 481680 Day^ 482400 Day^ 483120 Day^ 483840 Day^ 484560 Day^ 485280 Day^ 486000 Day^ 486720 Day^ 487440 Day^ 488160 Day^ 488880 Day^ 489600 Day^ 490320 Day^ 491040 Day^ 491760 Day^ 492480 Day^ 493200 Day^ 493920 Day^ 494640 Day^ 495360 Day^ 496080 Day^ 496800 Day^ 497520 Day^ 498240 Day^ 498960 Day^ 499680 Day^ 500400 Day^ 501120 Day^ 501840 Day^ 502560 Day^ 503280 Day^ 504000 Day^ 504720 Day^ 505440 Day^ 506160 Day^ 506880 Day^ 507600 Day^ 508320 Day^ 509040 Day^ 509760 Day^ 510480 Day^ 511200 Day^ 511920 Day^ 512640 Day^ 513360 Day^ 514080 Day^ 514800 Day^ 515520 Day^ 516240 Day^ 516960 Day^ 517680 Day^ 518400 Day^ 519120 Day^ 519840 Day^ 520560 Day^ 521280 Day^ 522000 Day^ 522720 Day^ 523440 Day^ 524160 Day^ 524880 Day^ 525600 Day^ 526320 Day^ 527040 Day^ 527760 Day^ 528480 Day^ 529200 Day^ 529920 Day^ 530640 Day^ 531360 Day^ 532080 Day^ 532800 Day^ 533520 Day^ 534240 Day^ 534960 Day^ 535680 Day^ 536400 Day^ 537120 Day^ 537840 Day^ 538560 Day^ 539280 Day^ 540000 Day^ 540720 Day^ 541440 Day^ 542160 Day^ 542880 Day^ 543600 Day^ 544320 Day^ 545040 Day^ 545760 Day^ 546480 Day^ 547200 Day^ 547920 Day^ 548640 Day^ 549360 Day^ 550080 Day^ 550800 Day^ 551520 Day^ 552240 Day^ 552960 Day^ 553680 Day^ 554400 Day^ 555120 Day^ 555840 Day^ 556560 Day^ 557280 Day^ 558000 Day^ 558720 Day^ 559440 Day^ 560160 Day^ 560880 Day^ 561600 Day^ 562320 Day^ 563040 Day^ 563760 Day^ 564480 Day^ 565200 Day^ 565920 Day^ 566640 Day^ 567360 Day^ 568080 Day^ 568800 Day^ 569520 Day^ 570240 Day^ 570960 Day^ 571680 Day^ 572400 Day^ 573120 Day^ 573840 Day^ 574560 Day^ 575280 Day^ 576000 Day^ 576720 Day^ 577440 Day^ 578160 Day^ 578880 Day^ 579600 Day^ 580320 Day^ 581040 Day^ 581760 Day^ 582480 Day^ 583200 Day^ 583920 Day^ 584640 Day^ 585360 Day^ 586080 Day^ 586800 Day^ 587520 Day^ 588240 Day^ 588960 Day^ 589680 Day^ 590400 Day^ 591120 Day^ 591840 Day^ 592560 Day^ 593280 Day^ 594000 Day^ 594720 Day^ 595440 Day^ 596160 Day^ 596880 Day^ 597600 Day^ 598320 Day^ 599040 Day^ 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659520 Day^ 660240 Day^ 660960 Day^ 661680 Day^ 662400 Day^ 663120 Day^ 663840 Day^ 664560 Day^ 665280 Day^ 666000 Day^ 666720 Day^ 667440 Day^ 668160 Day^ 668880 Day^ 669600 Day^ 670320 Day^ 671040 Day^ 671760 Day^ 672480 Day^ 673200 Day^ 673920 Day^ 674640 Day^ 675360 Day^ 676080 Day^ 676800 Day^ 677520 Day^ 678240 Day^ 678960 Day^ 679680 Day^ 680400 Day^ 681120 Day^ 681840 Day^ 682560 Day^ 683280 Day^ 684000 Day^ 684720 Day^ 685440 Day^ 686160 Day^ 686880 Day^ 687600 Day^ 688320 Day^ 689040 Day^ 689760 Day^ 690480 Day^ 691200 Day^ 691920 Day^ 692640 Day^ 693360 Day^ 694080 Day^ 694800 Day^ 695520 Day^ 696240 Day^ 696960 Day^ 697680 Day^ 698400 Day^ 699120 Day^ 699840 Day^ 700560 Day^ 701280 Day^ 702000 Day^ 702720 Day^ 703440 Day^ 704160 Day^ 704880 Day^ 705600 Day^ 706320 Day^ 707040 Day^ 707760 Day^ 708480 Day^ 709200 Day^ 709920 Day^ 710640 Day^ 711360 Day^ 712080 Day^ 712800 Day^ 713520 Day^ 714240 Day^ 714960 Day^ 715680 Day^ 716400 Day^ 717120 Day^ 717840 Day^ 718560 Day^ 719280 Day^ 720000 Day^ 720720 Day^ 721440 Day^ 722160 Day^ 722880 Day^ 723600 Day^ 724320 Day^ 725040 Day^ 725760 Day^ 726480 Day^ 727200 Day^ 727920 Day^ 728640 Day^ 729360 Day^ 730080 Day^ 730800 Day^ 731520 Day^ 732240 Day^ 732960 Day^ 733680 Day^ 734400 Day^ 735120 Day^ 735840 Day^ 736560 Day^ 737280 Day^ 738000 Day^ 738720 Day^ 739440 Day^ 740160 Day^ 740880 Day^ 741600 Day^ 742320 Day^ 743040 Day^ 743760 Day^ 744480 Day^ 745200 Day^ 745920 Day^ 746640 Day^ 747360 Day^ 748080 Day^ 748800 Day^ 749520 Day^ 750240 Day^ 750960 Day^ 751680 Day^ 752400 Day^ 753120 Day^ 753840 Day^ 754560 Day^ 755280 Day^ 756000 Day^ 756720 Day^ 757440 Day^ 758160 Day^ 758880 Day^ 759600 Day^ 760320 Day^ 761040 Day^ 761760 Day^ 762480 Day^ 763200 Day^ 763920 Day^ 764640 Day^ 765360 Day^ 766080 Day^ 766800 Day^ 767520 Day^ 768240 Day^ 768960 Day^ 769680 Day^ 770400 Day^ 771120 Day^ 771840 Day^ 772560 Day^ 773280 Day^ 774000 Day^ 774720 Day^ 775440 Day^ 776160 Day^ 776880 Day^ 777600 Day^ 778320 Day^ 779040 Day^ 779760 Day^ 780480 Day^ 781200 Day^ 781920 Day^ 782640 Day^ 783360 Day^ 784080 Day^ 784800 Day^ 785520 Day^ 786240 Day^ 786960 Day^ 787680 Day^ 788400 Day^ 789120 Day^ 789840 Day^ 790560 Day^ 791280 Day^ 792000 Day^ 792720 Day^ 793440 Day^ 794160 Day^ 794880 Day^ 795600 Day^ 796320 Day^ 797040 Day^ 797760 Day^ 798480 Day^ 799200 Day^ 799920 Day^ 800640 Day^ 801360 Day^ 802080 Day^ 802800 Day^ 803520 Day^ 804240 Day^ 804960 Day^ 805680 Day^ 806400 Day^ 807120 Day^ 807840 Day^ 808560 Day^ 809280 Day^ 810000 Day^ 810720 Day^ 811440 Day^ 812160 Day^ 812880 Day^ 813600 Day^ 814320 Day^ 815040 Day^ 815760 Day^ 816480 Day^ 817200 Day^ 817920 Day^ 818640 Day^ 819360 Day^ 820080 Day^ 820800 Day^ 821520 Day^ 822240 Day^ 822960 Day^ 823680 Day^ 824400 Day^ 825120 Day^ 825840 Day^ 826560 Day^ 827280 Day^ 828000 Day^ 828720 Day^ 829440 Day^ 830160 Day^ 830880 Day^ 831600 Day^ 832320 Day^ 833040 Day^ 833760 Day^ 834480 Day^ 835200 Day^ 835920 Day^ 836640 Day^ 837360 Day^ 838080 Day^ 838800 Day^ 839520 Day^ 840240 Day^ 840960 Day^ 841680 Day^ 842400 Day^ 843120 Day^ 843840 Day^ 844560 Day^ 845280 Day^ 846000 Day^ 846720 Day^ 847440 Day^ 848160 Day^ 848880 Day^ 849600 Day^ 850320 Day^