

## **DATA PACKAGE**

GC SEMI-VOLATILES

**PROJECT NAME : CON EDISON NON-MGP - EAST RIVER 453648.60024.03**

**PARSONS MAIN OF NEW YORK, INC.**

**301 Plainfield Road**

**Suite 350**

**Syracuse, NY - 13212**

**Phone No: 315-451-9560**

**ORDER ID : P5361**

**ATTENTION : Stephen Liberatore**



**Laboratory Certification ID # 20012**



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## Cover Page

**Order ID :** P5361

**Project ID :** Con Edison Non-MGP - East River 453648.60024.03

**Client :** PARSONS Main of New York, Inc.

**Lab Sample Number**

P5361-01  
P5361-02

**Client Sample Number**

SB-01-20241219-7.0-7.5  
SB-01-20241219-9.0-9.5

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature :

**APPROVED**

*By Nimisha Pandya, QA/QC Supervisor at 3:44 pm, Jan 06, 2025*

Date: 12/28/2024

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

## **CASE NARRATIVE**

**PARSONS Main of New York, Inc.**

**Project Name: Con Edison Non-MGP - East River 453648.60024.03**

**Project # N/A**

**Chemtech Project # P5361**

**Test Name: PCB**

### **A. Number of Samples and Date of Receipt:**

2 Solid samples were received on 12/19/2024.

### **B. Parameters**

According to the Chain of Custody document, the following analyses were requested: PCB and TPH GC. This data package contains results for PCB.

### **C. Analytical Techniques:**

The analyses were performed on instrument GCECD\_O. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0.5 um df, Catalogue # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 µm; Catalogue # 7HM-G017-11. The analysis of PCBs was based on method 8082A and extraction was done based on method 3541.

### **D. QA/ QC Samples:**

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria.

The Retention Times were acceptable for all samples.

The MS recoveries met the requirements for all compounds .

The MSD recoveries met the acceptable requirements .

The RPD met criteria .

The Blank Spike met requirements for all samples .

The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements .

The Continuous Calibration met the requirements .

### **E. Additional Comments:**

The soil samples results are based on a dry weight basis.



284 Sheffield Street, Mountainside, NJ 07092  
Phone: 908 789 8900 Fax: 908 789 8922

**F. Manual Integration Comments:**

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

---

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature\_\_\_\_\_

**APPROVED**

*By Nimisha Pandya, QA/QC Supervisor at 3:45 pm, Jan 06, 2025*

## **CASE NARRATIVE**

**PARSONS Main of New York, Inc.**

**Project Name: Con Edison Non-MGP - East River 453648.60024.03**

**Project # N/A**

**Chemtech Project # P5361**

**Test Name: TPH GC**

### **A. Number of Samples and Date of Receipt:**

2 Solid samples were received on 12/19/2024.

### **B. Parameters**

According to the Chain of Custody document, the following analyses were requested: PCB and TPH GC. This data package contains results for TPH GC.

### **C. Analytical Techniques:**

The analysis were performed on instrument FID\_G. The column is RXI-1MS which is 20 meters, 0.18mm ID, 0.18 um df, catalog 13302. The analysis of TPH GC was based on method 8015D and extraction was done based on method 3541.

### **D. QA/ QC Samples:**

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria.

The Retention Times were acceptable for all samples.

The MS {P5361-02MS} with File ID: FG015020.D recoveries met the requirements for all compounds except for Petroleum Hydrocarbons[18.4%] Due to matrix interference.

The MSD {P5361-02MSD} with File ID: FG015026.D recoveries met the acceptable requirements except for Petroleum Hydrocarbons[19.1%] Due to matrix interference.

The RPD met criteria .

The Blank Spike met requirements for all samples .

The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements .

The Continuous Calibration met the requirements .

### **E. Additional Comments:**

The soil samples results are based on a dry weight basis.



284 Sheffield Street, Mountainside, NJ 07092  
Phone: 908 789 8900 Fax: 908 789 8922

**F. Manual Integration Comments:**

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

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I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature\_\_\_\_\_

**APPROVED**

*By Nimisha Pandya, QA/QC Supervisor at 3:45 pm, Jan 06, 2025*

## DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following “ Results Qualifiers” are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. “10 U”. This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value. This flag is used: <ol style="list-style-type: none"> <li>(1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.)</li> <li>(2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.</li> </ol>
B	Indicates the analyte was found in the blank as well as the sample report as “12 B”.
E	Indicates the analyte ‘s concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a “P”.
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements



## APPENDIX A

### QA REVIEW GENERAL DOCUMENTATION

Project #: P5361

Completed

For thorough review, the report must have the following:

#### GENERAL:

Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)

✓

Check chain-of-custody for proper relinquish/return of samples

✓

Is the chain of custody signed and complete

✓

Check internal chain-of-custody for proper relinquish/return of samples /sample extracts

✓

Collect information for each project id from server. Were all requirements followed

✓

#### COVER PAGE:

Do numbers of samples correspond to the number of samples in the Chain of Custody on login page

✓

Do lab numbers and client Ids on cover page agree with the Chain of Custody

✓

#### CHAIN OF CUSTODY:

Do requested analyses on Chain of Custody agree with form I results

✓

Do requested analyses on Chain of Custody agree with the log-in page

✓

Were the correct method log-in for analysis according to the Analytical Request and Chain of Custody

✓

Were the samples received within hold time

✓

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

✓

#### ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: SOHIL JODHANI

Date: 12/28/2024

**Hit Summary Sheet**  
**SW-846**

A

B

C

D

<b>SDG No.:</b>	<b>P5361</b>	<b>Order ID:</b>	<b>P5361</b>
<b>Client:</b>	<b>PARSONS Main of New York, Inc.</b>	<b>Project ID:</b>	<b>Con Edison Non-MGP - East River 45'</b>

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :								

**Total Concentration: 0.000**



# SAMPLE DATA

## Report of Analysis

Client:	PARSONS Main of New York, Inc.		Date Collected:	12/19/24	
Project:	Con Edison Non-MGP - East River 453648.60024.03		Date Received:	12/19/24	
Client Sample ID:	SB-01-20241219-7.0-7.5		SDG No.:	P5361	
Lab Sample ID:	P5361-01		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	91.7	Decanted:
Sample Wt/Vol:	30.01	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO108717.D	1	12/20/24 08:30	12/20/24 17:39	PB165777

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
<b>TARGETS</b>						
12674-11-2	Aroclor-1016	3.70	U	3.70	18.5	ug/kg
11104-28-2	Aroclor-1221	7.00	U	7.00	18.5	ug/kg
11141-16-5	Aroclor-1232	3.70	U	3.70	18.5	ug/kg
53469-21-9	Aroclor-1242	3.70	U	3.70	18.5	ug/kg
12672-29-6	Aroclor-1248	8.60	U	8.60	18.5	ug/kg
11097-69-1	Aroclor-1254	3.00	U	3.00	18.5	ug/kg
37324-23-5	Aroclor-1262	5.00	U	5.00	18.5	ug/kg
11100-14-4	Aroclor-1268	3.70	U	3.70	18.5	ug/kg
11096-82-5	Aroclor-1260	3.20	U	3.20	18.5	ug/kg
<b>SURROGATES</b>						
877-09-8	Tetrachloro-m-xylene	21.2		32 - 144	106%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.7		32 - 175	93%	SPK: 20

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates &gt;25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

## Report of Analysis

Client:	PARSONS Main of New York, Inc.		Date Collected:	12/19/24	
Project:	Con Edison Non-MGP - East River 453648.60024.03		Date Received:	12/19/24	
Client Sample ID:	SB-01-20241219-9.0-9.5		SDG No.:	P5361	
Lab Sample ID:	P5361-02		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	87.1	Decanted:
Sample Wt/Vol:	30.06	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO108718.D	1	12/20/24 08:30	12/20/24 17:56	PB165777

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
<b>TARGETS</b>						
12674-11-2	Aroclor-1016	3.90	U	3.90	19.5	ug/kg
11104-28-2	Aroclor-1221	7.30	U	7.30	19.5	ug/kg
11141-16-5	Aroclor-1232	3.90	U	3.90	19.5	ug/kg
53469-21-9	Aroclor-1242	3.90	U	3.90	19.5	ug/kg
12672-29-6	Aroclor-1248	9.00	U	9.00	19.5	ug/kg
11097-69-1	Aroclor-1254	3.10	U	3.10	19.5	ug/kg
37324-23-5	Aroclor-1262	5.20	U	5.20	19.5	ug/kg
11100-14-4	Aroclor-1268	3.90	U	3.90	19.5	ug/kg
11096-82-5	Aroclor-1260	3.30	U	3.30	19.5	ug/kg
<b>SURROGATES</b>						
877-09-8	Tetrachloro-m-xylene	19.9		32 - 144	100%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.5		32 - 175	82%	SPK: 20

### Comments:

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LOQ = Limit of Quantitation

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LOD = Limit of Detection

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S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

LAB CHRONICLE

OrderID:	P5361	OrderDate:	12/20/2024 10:02:00 AM
Client:	PARSONS Main of New York, Inc.	Project:	Con Edison Non-MGP - East River 453648.60024.03
Contact:	Stephen Liberatore	Location:	N12

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5361-01	SB-01-20241219-7.0-7.5	SOIL			12/19/24			12/19/24
			PCB	8082A		12/20/24	12/20/24	
			TPH GC	8015D		12/23/24	12/23/24	
P5361-02	SB-01-20241219-9.0-9.5	SOIL			12/19/24			12/19/24
			PCB	8082A		12/20/24	12/20/24	
			TPH GC	8015D		12/23/24	12/23/24	



# SAMPLE DATA

## Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	12/19/24
Project:	Con Edison Non-MGP - East River 453648.60024.03	Date Received:	12/19/24
Client Sample ID:	SB-01-20241219-7.0-7.5	SDG No.:	P5361
Lab Sample ID:	P5361-01	Matrix:	SOIL
Analytical Method:	8015D TPH	% Solid:	91.7
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1 mL
Soil Aliquot Vol:	uL	Test:	TPH GC
Extraction Type:		Injection Volume :	
GPC Factor :	PH :		
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG015018.D	1	12/23/24 08:35	12/23/24 12:26	PB165807

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
<b>TARGETS</b>						
PHC	Petroleum Hydrocarbons	19800		346	3080	ug/kg
<b>SURROGATES</b>						
16416-32-3	TETRACOSANE-d50	11.1		37 - 130	55%	SPK: 20

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit



## Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	12/19/24
Project:	Con Edison Non-MGP - East River 453648.60024.03	Date Received:	12/19/24
Client Sample ID:	SB-01-20241219-9.0-9.5	SDG No.:	P5361
Lab Sample ID:	P5361-02	Matrix:	SOIL
Analytical Method:	8015D TPH	% Solid:	87.1
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1 mL
Soil Aliquot Vol:	uL	Test:	TPH GC
Extraction Type:		Injection Volume :	
GPC Factor :	PH :		
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG015019.D	1	12/23/24 08:35	12/23/24 12:54	PB165807

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
<b>TARGETS</b>						
PHC	Petroleum Hydrocarbons	12800		365	3250	ug/kg
<b>SURROGATES</b>						
16416-32-3	TETRACOSANE-d50	12.5		37 - 130	62%	SPK: 20

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

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D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

## LAB CHRONICLE

<b>OrderID:</b>	P5361	<b>OrderDate:</b>	12/20/2024 10:02:00 AM
<b>Client:</b>	PARSONS Main of New York, Inc.	<b>Project:</b>	Con Edison Non-MGP - East River 453648.60024.03
<b>Contact:</b>	Stephen Liberatore	<b>Location:</b>	N12

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
<b>P5361-01</b>	<b>SB-01-20241219-7.0-7.5</b>	<b>SOIL</b>			<b>12/19/24</b>			<b>12/19/24</b>
			PCB	8082A		12/20/24	12/20/24	
			TPH GC	8015D		12/23/24	12/23/24	
<b>P5361-02</b>	<b>SB-01-20241219-9.0-9.5</b>	<b>SOIL</b>			<b>12/19/24</b>			<b>12/19/24</b>
			PCB	8082A		12/20/24	12/20/24	
			TPH GC	8015D		12/23/24	12/23/24	



# SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:  
COMPANY: Parsons  
ADDRESS: 301 plainfield Road  
CITY Syracuse STATE: NY ZIP: 13212  
ATTENTION: Stephen Liberatore  
PHONE: (315) 418-8767 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Con Ed East River Spill 2-4  
PROJECT NO.: 453648 LOCATION: Manhattan  
PROJECT MANAGER: Stephen Liberatore NY  
e-mail: Stephen.Liberatore@parsons.com  
PHONE: (315) 418-8767 FAX: -

CLIENT BILLING INFORMATION

BILL TO: Parsons PO#: 453648  
ADDRESS: 301 Plainfield Road  
CITY Syracuse STATE: NY ZIP: 13212  
ATTENTION: S. Liberatore PHONE: (315) 418-8767

DATA TURNAROUND INFORMATION

FAX (RUSH) standard DAYS\*  
HARDCOPY (DATA PACKAGE):  DAYS\*  
EDD:  DAYS\*  
\*TO BE APPROVED BY CHEMTECH  
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)  
☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP  
☐ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B  
+ Raw Data ☐ Other   
☐ EDD FORMAT

PCBS

TPH

1 2 3 4 5 6 7 8 9

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS ← Specify Preservatives A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER	
			COMP	GRAB	DATE	TIME		E	E									
								1	2	3	4	5	6	7	8	9		
1.	<u>SB-01-20241219-7.0-7.5</u>	<u>Soil</u>		<u>X</u>	<u>12/19/24</u>	<u>1045</u>	<u>2</u>	<u>X</u>	<u>X</u>									
2.	<u>SB-01-20241219-9.0-9.5</u>	<u>Soil</u>		<u>X</u>	<u>12/19/24</u>	<u>1050</u>	<u>2</u>	<u>X</u>	<u>X</u>									
3.																		
4.																		
5.																		
6.																		
7.																		
8.																		
9.																		
10.																		

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:  
1. K. Walentin  
RELINQUISHED BY SAMPLER:  
2.  
RELINQUISHED BY SAMPLER:  
3.

DATE/TIME:  
12-19-24/1630  
DATE/TIME:  
DATE/TIME:

RECEIVED BY:  
[Signature]  
RECEIVED BY:  
RECEIVED BY:

12-19-24  
12-19-24

12-19-24

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 5.1 °C  
Comments:  
Page \_\_\_\_ of \_\_\_\_

CLIENT: ☐ Hand Delivered ☐ Other  
CHEMTECH: ☐ Picked Up ☐ Field Sampling  
Shipment Complete  
☐ YES ☐ NO

Copyright © 2023 P5361 WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY 20 of 21

**Laboratory Certification**

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488