

Hit Summary Sheet
SW-846

SDG No.: Q3092
Client: Atlantic Recovery Services, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID: Q3092-01	291376 291376	TCLP	2-Butanone	9.50	J	0.98	25.0	ug/L
			Total Voc :	9.50				
			Total Concentration:	9.50				
Client ID: Q3092-03	279182 279182	TCLP	2-Butanone	9.10	J	0.98	25.0	ug/L
			Total Voc :	9.10				
			Total Concentration:	9.10				



SAMPLE DATA

A

B

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D

Report of Analysis

Client:	Atlantic Recovery Services, Inc.		Date Collected:	09/12/25	
Project:	PGW Phila. Gas Works		Date Received:	09/12/25	
Client Sample ID:	291376		SDG No.:	Q3092	
Lab Sample ID:	Q3092-01		Matrix:	TCLP	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	TCLP VOA	
GC Column:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :	SW5035				

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087833.D	1	09/15/25 13:38	VN091525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.26	U	0.26	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	5.00	ug/L
78-93-3	2-Butanone	9.50	J	0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	5.00	ug/L
71-43-2	Benzene	0.15	U	0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	5.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	5.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	5.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.4		74 - 125	109%	SPK: 50
1868-53-7	Dibromofluoromethane	53.2		75 - 124	106%	SPK: 50
2037-26-5	Toluene-d8	49.9		86 - 113	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.5		77 - 121	95%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	169000	8.206			
540-36-3	1,4-Difluorobenzene	395000	9.083			
3114-55-4	Chlorobenzene-d5	406000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	181000	13.77			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	Atlantic Recovery Services, Inc.		Date Collected:	09/12/25	
Project:	PGW Phila. Gas Works		Date Received:	09/12/25	
Client Sample ID:	279182		SDG No.:	Q3092	
Lab Sample ID:	Q3092-03		Matrix:	TCLP	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	TCLP VOA	
GC Column:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :	SW5035				

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087835.D	1	09/15/25 14:20	VN091525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.26	U	0.26	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	5.00	ug/L
78-93-3	2-Butanone	9.10	J	0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	5.00	ug/L
71-43-2	Benzene	0.15	U	0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	5.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	5.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	5.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.2		74 - 125	108%	SPK: 50
1868-53-7	Dibromofluoromethane	51.4		75 - 124	103%	SPK: 50
2037-26-5	Toluene-d8	49.7		86 - 113	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.2		77 - 121	92%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	171000	8.212			
540-36-3	1,4-Difluorobenzene	400000	9.083			
3114-55-4	Chlorobenzene-d5	403000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	183000	13.77			

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B = Analyte Found in Associated Method Blank

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* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

LAB CHRONICLE

OrderID:	Q3092	OrderDate:	9/12/2025 12:02:28 PM
Client:	Atlantic Recovery Services, Inc.	Project:	PGW Phila. Gas Works
Contact:	Kenny Pyle	Location:	D41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3092-01	291376	TCLP	TCLP VOA	8260D	09/12/25		09/15/25	09/12/25
Q3092-03	279182	TCLP	TCLP VOA	8260D	09/12/25		09/15/25	09/12/25



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

A
B
C
D

Hit Summary Sheet
SW-846

SDG No.: Q3092
Client: Atlantic Recovery Services, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :				0.000				
Total Svoc :					0.00			
Total Concentration:					0.00			



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Atlantic Recovery Services, Inc.		Date Collected:	09/15/25	
Project:	PGW Phila. Gas Works		Date Received:	09/15/25	
Client Sample ID:	PB169677TB		SDG No.:	Q3092	
Lab Sample ID:	PB169677TB		Matrix:	TCLP	
Analytical Method:	8270E		% Solid:	0	
Sample Wt/Vol:	100	Units: mL	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	TCLP BNA	
Extraction Type :		Decanted : N	Level :	LOW	
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143754.D	1	09/15/25 10:10	09/15/25 16:20	PB169696

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	12.8	U	12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	5.30	U	5.30	50.0	ug/L
95-48-7	2-Methylphenol	11.2	U	11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	11.0	U	11.0	100	ug/L
67-72-1	Hexachloroethane	6.50	U	6.50	50.0	ug/L
98-95-3	Nitrobenzene	7.60	U	7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	5.40	U	5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	5.10	U	5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	6.20	U	6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	12.2	U	12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	5.20	U	5.20	50.0	ug/L
87-86-5	Pentachlorophenol	15.8	U	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	148		23 - 138	99%	SPK: 150
13127-88-3	Phenol-d6	146		10 - 134	97%	SPK: 150
4165-60-0	Nitrobenzene-d5	97.2		67 - 132	97%	SPK: 100
321-60-8	2-Fluorobiphenyl	96.7		52 - 132	97%	SPK: 100
118-79-6	2,4,6-Tribromophenol	144		44 - 137	96%	SPK: 150
1718-51-0	Terphenyl-d14	101		42 - 152	101%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	17700	6.893			
1146-65-2	Naphthalene-d8	66300	8.175			
15067-26-2	Acenaphthene-d10	37200	9.928			
1517-22-2	Phenanthrene-d10	65600	11.422			
1719-03-5	Chrysene-d12	43800	14.063			
1520-96-3	Perylene-d12	31700	15.545			

Report of Analysis

Client:	Atlantic Recovery Services, Inc.		Date Collected:	09/15/25	
Project:	PGW Phila. Gas Works		Date Received:	09/15/25	
Client Sample ID:	PB169677TB		SDG No.:	Q3092	
Lab Sample ID:	PB169677TB		Matrix:	TCLP	
Analytical Method:	8270E		% Solid:	0	
Sample Wt/Vol:	100	Units: mL	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	TCLP BNA	
Extraction Type :		Decanted : N	Level :	LOW	
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143754.D	1	09/15/25 10:10	09/15/25 16:20	PB169696

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected

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B = Analyte Found in Associated Method Blank

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D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	Atlantic Recovery Services, Inc.		Date Collected:	09/12/25	
Project:	PGW Phila. Gas Works		Date Received:	09/12/25	
Client Sample ID:	291376		SDG No.:	Q3092	
Lab Sample ID:	Q3092-02		Matrix:	TCLP	
Analytical Method:	8270E		% Solid:	0	
Sample Wt/Vol:	100	Units: mL	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	TCLP BNA	
Extraction Type :		Decanted : N	Level :	LOW	
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143763.D	1	09/15/25 10:10	09/15/25 20:55	PB169696

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	12.8	U	12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	5.30	U	5.30	50.0	ug/L
95-48-7	2-Methylphenol	11.2	U	11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	11.0	U	11.0	100	ug/L
67-72-1	Hexachloroethane	6.50	U	6.50	50.0	ug/L
98-95-3	Nitrobenzene	7.60	U	7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	5.40	U	5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	5.10	U	5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	6.20	U	6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	12.2	U	12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	5.20	U	5.20	50.0	ug/L
87-86-5	Pentachlorophenol	15.8	U	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	148		23 - 138	98%	SPK: 150
13127-88-3	Phenol-d6	134		10 - 134	90%	SPK: 150
4165-60-0	Nitrobenzene-d5	106		67 - 132	106%	SPK: 100
321-60-8	2-Fluorobiphenyl	102		52 - 132	102%	SPK: 100
118-79-6	2,4,6-Tribromophenol	166		44 - 137	110%	SPK: 150
1718-51-0	Terphenyl-d14	103		42 - 152	103%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	17000		6.892		
1146-65-2	Naphthalene-d8	62600		8.175		
15067-26-2	Acenaphthene-d10	34500		9.928		
1517-22-2	Phenanthrene-d10	56700		11.422		
1719-03-5	Chrysene-d12	40400		14.063		
1520-96-3	Perylene-d12	26900		15.545		

Report of Analysis

Client:	Atlantic Recovery Services, Inc.		Date Collected:	09/12/25	
Project:	PGW Phila. Gas Works		Date Received:	09/12/25	
Client Sample ID:	291376		SDG No.:	Q3092	
Lab Sample ID:	Q3092-02		Matrix:	TCLP	
Analytical Method:	8270E		% Solid:	0	
Sample Wt/Vol:	100	Units: mL	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	TCLP BNA	
Extraction Type :		Decanted : N	Level :	LOW	
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143763.D	1	09/15/25 10:10	09/15/25 20:55	PB169696

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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Report of Analysis

Client:	Atlantic Recovery Services, Inc.		Date Collected:	09/12/25	
Project:	PGW Phila. Gas Works		Date Received:	09/12/25	
Client Sample ID:	279182		SDG No.:	Q3092	
Lab Sample ID:	Q3092-04		Matrix:	TCLP	
Analytical Method:	8270E		% Solid:	0	
Sample Wt/Vol:	100	Units: mL	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	TCLP BNA	
Extraction Type :		Decanted : N	Level :	LOW	
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025762.D	1	09/15/25 10:10	09/16/25 17:53	PB169696

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	12.8	U	12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	5.30	U	5.30	50.0	ug/L
95-48-7	2-Methylphenol	11.2	U	11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	11.0	U	11.0	100	ug/L
67-72-1	Hexachloroethane	6.50	U	6.50	50.0	ug/L
98-95-3	Nitrobenzene	7.60	U	7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	5.40	U	5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	5.10	U	5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	6.20	U	6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	12.2	U	12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	5.20	U	5.20	50.0	ug/L
87-86-5	Pentachlorophenol	15.8	U	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	133		23 - 138	89%	SPK: 150
13127-88-3	Phenol-d6	117		10 - 134	78%	SPK: 150
4165-60-0	Nitrobenzene-d5	88.2		67 - 132	88%	SPK: 100
321-60-8	2-Fluorobiphenyl	88.3		52 - 132	88%	SPK: 100
118-79-6	2,4,6-Tribromophenol	142		44 - 137	95%	SPK: 150
1718-51-0	Terphenyl-d14	93.4		42 - 152	93%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	150000	7.755			
1146-65-2	Naphthalene-d8	565000	10.525			
15067-26-2	Acenaphthene-d10	362000	14.372			
1517-22-2	Phenanthrene-d10	738000	17.166			
1719-03-5	Chrysene-d12	764000	21.619			
1520-96-3	Perylene-d12	803000	24.977			

Report of Analysis

Client:	Atlantic Recovery Services, Inc.		Date Collected:	09/12/25	
Project:	PGW Phila. Gas Works		Date Received:	09/12/25	
Client Sample ID:	279182		SDG No.:	Q3092	
Lab Sample ID:	Q3092-04		Matrix:	TCLP	
Analytical Method:	8270E		% Solid:	0	
Sample Wt/Vol:	100	Units: mL	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	TCLP BNA	
Extraction Type :		Decanted : N	Level :	LOW	
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025762.D	1	09/15/25 10:10	09/16/25 17:53	PB169696

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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A = Aldol-Condensation Reaction Products

LAB CHRONICLE

OrderID:	Q3092	OrderDate:	9/12/2025 12:02:28 PM
Client:	Atlantic Recovery Services, Inc.	Project:	PGW Phila. Gas Works
Contact:	Kenny Pyle	Location:	D41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3092-02	291376	TCLP	TCLP BNA	8270E	09/12/25	09/15/25	09/15/25	09/12/25
Q3092-04	279182	TCLP	TCLP BNA	8270E	09/12/25	09/15/25	09/16/25	09/12/25



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

Hit Summary Sheet
SW-846

SDG No.: Q3092

Order ID: Q3092

Client: Atlantic Recovery Services, Inc.

Project ID: PGW Phila. Gas Works

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

Total Concentration: 0.000

A

B

C

D



SAMPLE DATA

A

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Report of Analysis

Client:	Atlantic Recovery Services, Inc.		Date Collected:		
Project:	PGW Phila. Gas Works		Date Received:	09/22/25	
Client Sample ID:	PB169677TB		SDG No.:	Q3092	
Lab Sample ID:	PB169677TB		Matrix:	TCLP	
Analytical Method:	8081B		% Solid:	0	Decanted:
Sample Wt/Vol:	100	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Pesticide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097337.D	1	09/22/25 10:05	09/22/25 20:14	PB169782

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.037	U	0.037	0.50	ug/L
76-44-8	Heptachlor	0.027	U	0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	0.096	U	0.096	0.50	ug/L
72-20-8	Endrin	0.032	U	0.032	0.50	ug/L
72-43-5	Methoxychlor	0.11	U	0.11	0.50	ug/L
8001-35-2	Toxaphene	1.70	U	1.70	10.0	ug/L
57-74-9	Chlordane	0.88	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	17.6		57 - 171	88%	SPK: 20
877-09-8	Tetrachloro-m-xylene	16.8		61 - 148	84%	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:	Atlantic Recovery Services, Inc.		Date Collected:	09/12/25	
Project:	PGW Phila. Gas Works		Date Received:	09/12/25	
Client Sample ID:	291376		SDG No.:	Q3092	
Lab Sample ID:	Q3092-02		Matrix:	TCLP	
Analytical Method:	8081B		% Solid:	0	Decanted:
Sample Wt/Vol:	100	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Pesticide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097334.D	1	09/22/25 10:05	09/22/25 19:33	PB169782

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.037	U	0.037	0.50	ug/L
76-44-8	Heptachlor	0.027	U	0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	0.096	U	0.096	0.50	ug/L
72-20-8	Endrin	0.032	U	0.032	0.50	ug/L
72-43-5	Methoxychlor	0.11	U	0.11	0.50	ug/L
8001-35-2	Toxaphene	1.70	U	1.70	10.0	ug/L
57-74-9	Chlordane	0.88	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	16.6		57 - 171	83%	SPK: 20
877-09-8	Tetrachloro-m-xylene	16.8		61 - 148	84%	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:	Atlantic Recovery Services, Inc.		Date Collected:	09/12/25	
Project:	PGW Phila. Gas Works		Date Received:	09/12/25	
Client Sample ID:	279182		SDG No.:	Q3092	
Lab Sample ID:	Q3092-04		Matrix:	TCLP	
Analytical Method:	8081B		% Solid:	0	Decanted:
Sample Wt/Vol:	100	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Pesticide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097342.D	1	09/22/25 10:05	09/22/25 21:49	PB169782

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.037	U	0.037	0.50	ug/L
76-44-8	Heptachlor	0.027	U	0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	0.096	U	0.096	0.50	ug/L
72-20-8	Endrin	0.032	U	0.032	0.50	ug/L
72-43-5	Methoxychlor	0.11	U	0.11	0.50	ug/L
8001-35-2	Toxaphene	1.70	U	1.70	10.0	ug/L
57-74-9	Chlordane	0.88	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	16.2		57 - 171	81%	SPK: 20
877-09-8	Tetrachloro-m-xylene	16.6		61 - 148	83%	SPK: 20

Comments:

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LAB CHRONICLE

OrderID:	Q3092	OrderDate:	9/12/2025 12:02:28 PM
Client:	Atlantic Recovery Services, Inc.	Project:	PGW Phila. Gas Works
Contact:	Kenny Pyle	Location:	D41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3092-02	291376	TCLP			09/12/25			09/12/25
			TCLP Herbicide	8151A		09/22/25	09/22/25	
			TCLP Pesticide	8081B		09/22/25	09/22/25	
Q3092-04	279182	TCLP			09/12/25			09/12/25
			TCLP Herbicide	8151A		09/22/25	09/22/25	
			TCLP Pesticide	8081B		09/22/25	09/22/25	



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Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: Q3092

Order ID: Q3092

Client: Atlantic Recovery Services, Inc.

Project ID: PGW Phila. Gas Works

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

Total Concentration: 0.000

A

B

C

D



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Atlantic Recovery Services, Inc.		Date Collected:		
Project:	PGW Phila. Gas Works		Date Received:	09/22/25	
Client Sample ID:	PB169677TB		SDG No.:	Q3092	
Lab Sample ID:	PB169677TB		Matrix:	TCLP	
Analytical Method:	8151A		% Solid:	0	Decanted:
Sample Wt/Vol:	100	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Herbicide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	8151A				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031787.D	1	09/22/25 10:20	09/22/25 18:40	PB169784

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	9.20	U	9.20	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	7.80	U	7.80	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	446		61 - 136	89%	SPK: 500

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

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B = Analyte Found in Associated Method Blank

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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

Report of Analysis

Client:	Atlantic Recovery Services, Inc.		Date Collected:	09/12/25	
Project:	PGW Phila. Gas Works		Date Received:	09/12/25	
Client Sample ID:	291376		SDG No.:	Q3092	
Lab Sample ID:	Q3092-02		Matrix:	TCLP	
Analytical Method:	8151A		% Solid:	0	Decanted:
Sample Wt/Vol:	100	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Herbicide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	8151A				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031790.D	1	09/22/25 10:20	09/22/25 19:53	PB169784

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	9.20	U	9.20	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	7.80	U	7.80	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	584		61 - 136	117%	SPK: 500

Comments:

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MDL = Method Detection Limit

LOD = Limit of Detection

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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:	Atlantic Recovery Services, Inc.		Date Collected:	09/12/25	
Project:	PGW Phila. Gas Works		Date Received:	09/12/25	
Client Sample ID:	279182		SDG No.:	Q3092	
Lab Sample ID:	Q3092-04		Matrix:	TCLP	
Analytical Method:	8151A		% Solid:	0	Decanted:
Sample Wt/Vol:	100	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Herbicide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	8151A				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031795.D	1	09/22/25 10:20	09/22/25 22:18	PB169784

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	9.20	U	9.20	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	7.80	U	7.80	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	484		61 - 136	97%	SPK: 500

Comments:

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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

LAB CHRONICLE

OrderID:	Q3092	OrderDate:	9/12/2025 12:02:28 PM
Client:	Atlantic Recovery Services, Inc.	Project:	PGW Phila. Gas Works
Contact:	Kenny Pyle	Location:	D41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3092-02	291376	TCLP			09/12/25			09/12/25
			TCLP Herbicide	8151A		09/22/25	09/22/25	
			TCLP Pesticide	8081B		09/22/25	09/22/25	
Q3092-04	279182	TCLP			09/12/25			09/12/25
			TCLP Herbicide	8151A		09/22/25	09/22/25	
			TCLP Pesticide	8081B		09/22/25	09/22/25	



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Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: Q3092 **Order ID:** Q3092
Client: Atlantic Recovery Services, Inc. **Project ID:** PGW Phila. Gas Works

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : 291376								
Q3092-02	291376	TCLP	Barium	1120		72.8	500	ug/L
Q3092-02	291376	TCLP	Lead	19.5	J	11.5	60.0	ug/L
Q3092-02	291376	TCLP	Mercury	1.18	J	0.76	2.00	ug/L
Q3092-02	291376	TCLP	Silver	11.0	J	8.10	50.0	ug/L
Client ID : 279182								
Q3092-04	279182	TCLP	Barium	1200		72.8	500	ug/L
Q3092-04	279182	TCLP	Lead	19.3	J	11.5	60.0	ug/L
Q3092-04	279182	TCLP	Silver	13.1	J	8.10	50.0	ug/L



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Atlantic Recovery Services, Inc.	Date Collected:	09/12/25
Project:	PGW Phila. Gas Works	Date Received:	09/12/25
Client Sample ID:	291376	SDG No.:	Q3092
Lab Sample ID:	Q3092-02	Matrix:	TCLP
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-38-2	Arsenic	25.6	U	1	25.6	100	ug/L	09/15/25 12:30	09/15/25 16:21	6010D	SW3050
7440-39-3	Barium	1120	N	1	72.8	500	ug/L	09/15/25 12:30	09/15/25 16:21	6010D	SW3050
7440-43-9	Cadmium	2.50	U	1	2.50	30.0	ug/L	09/15/25 12:30	09/15/25 16:21	6010D	SW3050
7440-47-3	Chromium	10.6	U	1	10.6	50.0	ug/L	09/15/25 12:30	09/15/25 16:21	6010D	SW3050
7439-92-1	Lead	19.5	J	1	11.5	60.0	ug/L	09/15/25 12:30	09/15/25 16:21	6010D	SW3050
7439-97-6	Mercury	1.18	J	1	0.76	2.00	ug/L	09/15/25 14:50	09/16/25 10:57	7470A	
7782-49-2	Selenium	48.2	U	1	48.2	100	ug/L	09/15/25 12:30	09/15/25 16:21	6010D	SW3050
7440-22-4	Silver	11.0	J	1	8.10	50.0	ug/L	09/15/25 12:30	09/15/25 16:21	6010D	SW3050

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	TCLP-FULL			

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 D = Dilution
 Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 * = indicates the duplicate analysis is not within control limits.
 E = Indicates the reported value is estimated because of the presence of interference.
 OR = Over Range
 N = Spiked sample recovery not within control limits

Report of Analysis

Client:	Atlantic Recovery Services, Inc.	Date Collected:	09/12/25
Project:	PGW Phila. Gas Works	Date Received:	09/12/25
Client Sample ID:	279182	SDG No.:	Q3092
Lab Sample ID:	Q3092-04	Matrix:	TCLP
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-38-2	Arsenic	25.6	U	1	25.6	100	ug/L	09/15/25 12:30	09/15/25 16:25	6010D	SW3050
7440-39-3	Barium	1200	N	1	72.8	500	ug/L	09/15/25 12:30	09/15/25 16:25	6010D	SW3050
7440-43-9	Cadmium	2.50	U	1	2.50	30.0	ug/L	09/15/25 12:30	09/15/25 16:25	6010D	SW3050
7440-47-3	Chromium	10.6	U	1	10.6	50.0	ug/L	09/15/25 12:30	09/15/25 16:25	6010D	SW3050
7439-92-1	Lead	19.3	J	1	11.5	60.0	ug/L	09/15/25 12:30	09/15/25 16:25	6010D	SW3050
7439-97-6	Mercury	0.76	U	1	0.76	2.00	ug/L	09/15/25 14:50	09/16/25 10:59	7470A	
7782-49-2	Selenium	48.2	U	1	48.2	100	ug/L	09/15/25 12:30	09/15/25 16:25	6010D	SW3050
7440-22-4	Silver	13.1	J	1	8.10	50.0	ug/L	09/15/25 12:30	09/15/25 16:25	6010D	SW3050

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	TCLP-FULL			

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 N = Spiked sample recovery not within control limits

LAB CHRONICLE

OrderID:	Q3092	OrderDate:	9/12/2025 12:02:28 PM
Client:	Atlantic Recovery Services, Inc.	Project:	PGW Phila. Gas Works
Contact:	Kenny Pyle	Location:	D41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3092-02	291376	TCLP			09/12/25			09/12/25
			TCLP ICP Metals	6010D		09/15/25	09/15/25	
			TCLP Mercury	7470A		09/15/25	09/16/25	
Q3092-04	279182	TCLP			09/12/25			09/12/25
			TCLP ICP Metals	6010D		09/15/25	09/15/25	
			TCLP Mercury	7470A		09/15/25	09/16/25	