

DATA FOR
VOLATILE ORGANICS
GC SEMI-VOLATILES
METALS
GENERAL CHEMISTRY

PROJECT NAME : LINDEN SWITCHING STATION

PSEG
80 Park Plaza

Newark, NJ - 07102
Phone No: 973-430-7000

ORDER ID : Q3491
ATTENTION : Elvin Ventura



Laboratory Certification ID # 20012

Date : 11/05/2025

Dear Elvin Ventura ,

1 soil samples for the **Linden Switching Station** project were received on **10/29/2025**. The analytical
fax results for those samples requested for an expedited turn around time may be seen in this report.
Please contact me if you have any questions or concerns regarding this report.

Regards,

YAZMEEN GOMEZ

9087283147

YAZMEEN.GOMEZ@AllianceTG.com

CLIENT INFORMATION

COMPANY: PSEG
ADDRESS: 4001 South Wood Ave
CITY: Linden STATE: NJ ZIP: 07036
ATTENTION: Elmer Ventura
PHONE: 970-418-1220 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Linden Switching / Transfer Point
PROJECT NO.: LOCATION:
PROJECT MANAGER:
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: PO#:
ADDRESS:
CITY: STATE: ZIP:
ATTENTION: PHONE:

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) DAYS*
HARDCOPY (DATA PACKAGE): 5-TAT DAYS*
EDD: DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

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

TEL VOCs
PCBs
TAC Met.
Fluoride

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS	
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	← Specify Preservatives A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER	
1.	Soil Cuttings Comp	S.	X		10/29	1440	8	X	X	X	X						PPM-0.0	
2.																		
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. <u>[Signature]</u>	DATE/TIME: <u> 1540 10-29-25 </u>	RECEIVED BY: 1. <u>[Signature]</u>	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP <u> 3.0 </u> °C
RELINQUISHED BY SAMPLER: 2. <u>[Signature]</u>	DATE/TIME: <u> </u>	RECEIVED BY: 2. <u>[Signature]</u>	Comments: <u> WATER inside ALL drums, (Soil sludge) </u>
RELINQUISHED BY SAMPLER: 3. <u>[Signature]</u>	DATE/TIME: <u> 10-29-25 </u>	RECEIVED BY: 3. <u>[Signature]</u>	



Service Order

Record ID: 11162191

10/29/2025_Linden SAA Transformer Install & Line Relocation_4001 South Wood Ave, Linden, NJ 07036_6249761

General Info

Date of Service:	10/29/2025	Start Time:	13:30	Date Service Ended:	10/29/2025
Environmental Coordinator:	Elvin Ventura				
Team Personnel #1:	Elvin Ventura	Contact Number #1:	973-418-1220		
Team Personnel #2:	Elvin Ventura	Contact Number #2:	973-418-1220		
Site Contact #3:		Contact Number #3:			
Facility Name: Linden Switching Station/Tremley Point					
Site Name/Project:	Linden SAA Transformer Install & Line Relocation				
Site Address:	4001 South Wood Ave, Linden, NJ 07036				
Line of Business:	Electric Transmission	Scheduler:	EPS Scheduler		
EP&S Invoice Contact:	Elvin Ventura	EP&S Mgr/Sup:	Jon Melitto		
Labor WBS/Order #					
Electric:		Gas:		Compliance:	
Regulatory Programs:		Other:			
Projects:	C00000 : TBD				
Project Details:	C.92347.1.C.1.1.6				
Safety Watcher Request:	NO				
Special Instruction:					
Vendor Information					
	Vendor #1	Vendor #2	Vendor #3		
Vendor Name	Alliance Technical Group				
Waste/Activity	Drum Sampling				
Emergency Response					
Confirmation Time					
Vendor PO#	5000060225 (2025)				
Project Specific PO#					
Transporter					
Rec. Facility/Approval #					
Lab Results					
Ticket #/Confirmation #					

Detailed Job Description

Alliance to collect a composite sample from four (4) 55-gallon drums containing drilling mud and cuttings. Drums are located on a small containment berm behind the south gate of the Linden 345kV switch yard. For access, check in at the security kiosk and then turn left. Follow access road to 345kV yard. Drums are staged outside the 345 kV switchyard by the back (South gate).

Sample for PCBs (#185), TAL Metals (#174), Flash (#79), and TCL VOC (#195). Run on 5-day TAT.

If you have any questions please feel free to contact Elvin Ventura (973) 418-1220

CHEMTECH

Environmental Laboratory

www.chemtech.net | EMAIL: PM@chemtech.net

Project Name: Ludden Swallowing

Therapy Point

Service Order #:

Work Order #:

Labor WBS #:

Facility/Site:

Site Address:

4001 South Wood Ave
Ludden NJ 07036

Chemtech Order ID:

Sampler Name: Francis Nguyen

Client Project Coordinator & Phone:

Elvin Ventura 973-418-1220

Page #: 1 of 1

Date: 10-29-25

Arrive Time: 1430

Depart Time: 1540

Waste Stream (circle one) drum

roll-off / soil pile / in-situ / linear construction / frac-tank

Sample Matrices (circle all that apply): Water / Solid / NAPL / Concrete / Wipe

Collection Depths:

Temp (range):

°C

PID Readings (range)

0.0

PPM

Odor: Y / N

Color: Y / N

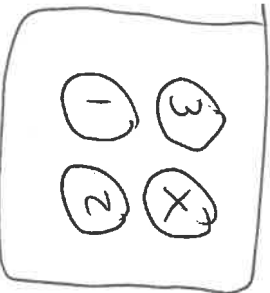
Sample Description:

Sludge Soil

Field Observations:

(3) Total Drums Sampled, Lots of water inside all drums

Grid/Area Composite Map:



QA Control # A3041134

Sampler Signature:

Client Signature:

Supervisor Review/Date:

Report of Analysis

Client: PSEG
Project: Linden Switching Station
Client Sample ID: SOIL-CUTTINGS-COMP
Lab Sample ID: Q3491-01

Date Collected: 10/29/25 14:40
Date Received: 10/29/25
SDG No.: Q3491
Matrix: SOIL
% Solid: 73.6

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ignitability	NO		1	0	0	oC		10/31/25 11:22	1030

Comments: _____

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
H = Sample Analysis Out Of Hold Time

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: PSEG
Project: Linden Switching Station
Client Sample ID: SOIL-CUTTINGS-COMP
Lab Sample ID: Q3491-01
Level (low/med): low

Date Collected: 10/29/25
Date Received: 10/29/25
SDG No.: Q3491
Matrix: SOIL
% Solid: 73.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	9380		1	0.98	5.86	mg/Kg	10/30/25 10:50	10/31/25 18:41	6010D	SW3050
7440-36-0	Antimony	0.61	JN*	1	0.26	2.93	mg/Kg	10/30/25 10:50	10/31/25 18:41	6010D	SW3050
7440-38-2	Arsenic	8.32		1	0.22	1.17	mg/Kg	10/30/25 10:50	10/31/25 18:41	6010D	SW3050
7440-39-3	Barium	121	N	1	0.86	5.86	mg/Kg	10/30/25 10:50	10/31/25 18:41	6010D	SW3050
7440-41-7	Beryllium	1.25		1	0.029	0.35	mg/Kg	10/30/25 10:50	10/31/25 18:41	6010D	SW3050
7440-43-9	Cadmium	1.64		1	0.028	0.35	mg/Kg	10/30/25 10:50	10/31/25 18:41	6010D	SW3050
7440-70-2	Calcium	8140	*	1	13.0	117	mg/Kg	10/30/25 10:50	10/31/25 18:41	6010D	SW3050
7440-47-3	Chromium	23.5	*	1	0.055	0.59	mg/Kg	10/30/25 10:50	10/31/25 18:41	6010D	SW3050
7440-48-4	Cobalt	18.8		1	0.12	1.76	mg/Kg	10/30/25 10:50	10/31/25 18:41	6010D	SW3050
7440-50-8	Copper	26.0	N	1	0.26	1.17	mg/Kg	10/30/25 10:50	10/31/25 18:41	6010D	SW3050
7439-89-6	Iron	31200		1	4.67	5.86	mg/Kg	10/30/25 10:50	10/31/25 18:41	6010D	SW3050
7439-92-1	Lead	19.0		1	0.15	0.70	mg/Kg	10/30/25 10:50	10/31/25 18:41	6010D	SW3050
7439-95-4	Magnesium	6930	*	1	14.1	117	mg/Kg	10/30/25 10:50	10/31/25 18:41	6010D	SW3050
7439-96-5	Manganese	588		1	0.16	1.17	mg/Kg	10/30/25 10:50	10/31/25 18:41	6010D	SW3050
7439-97-6	Mercury	0.012	J	1	0.0090	0.017	mg/Kg	10/30/25 09:40	10/30/25 15:43	7471B	
7440-02-0	Nickel	41.0	*	1	0.15	2.34	mg/Kg	10/30/25 10:50	10/31/25 18:41	6010D	SW3050
7440-09-7	Potassium	2500		1	32.4	117	mg/Kg	10/30/25 10:50	10/31/25 18:41	6010D	SW3050
7782-49-2	Selenium	1.17	U	1	0.31	1.17	mg/Kg	10/30/25 10:50	10/31/25 18:41	6010D	SW3050
7440-22-4	Silver	2.73		1	0.14	0.59	mg/Kg	10/30/25 10:50	10/31/25 18:41	6010D	SW3050
7440-23-5	Sodium	969		1	20.8	117	mg/Kg	10/30/25 10:50	10/31/25 18:41	6010D	SW3050
7440-28-0	Thallium	2.34	U	1	0.27	2.34	mg/Kg	10/30/25 10:50	10/31/25 18:41	6010D	SW3050
7440-62-2	Vanadium	28.7		1	0.29	2.34	mg/Kg	10/30/25 10:50	10/31/25 18:41	6010D	SW3050
7440-66-6	Zinc	64.5	N*	1	0.27	2.34	mg/Kg	10/30/25 10:50	10/31/25 18:41	6010D	SW3050

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: PSEG
Project: Linden Switching Station
Client Sample ID: SOIL-CUTTINGS-COMP
Lab Sample ID: Q3491-01
Analytical Method: 8260D
Sample Wt/Vol: 10.35 g

Level : LOW
Final Vol: 5000 uL

Date Collected: 10/29/25
Date Received: 10/29/25
SDG No.: Q3491
Matrix: SOIL
% Solid: 73.6
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	0.0033	U	1	0.00075	0.0033	mg/Kg	10/31/25 11:14	VY103125
74-87-3	Chloromethane	0.0033	U	1	0.00075	0.0033	mg/Kg	10/31/25 11:14	VY103125
75-01-4	Vinyl Chloride	0.0033	U	1	0.00052	0.0033	mg/Kg	10/31/25 11:14	VY103125
74-83-9	Bromomethane	0.0033	U	1	0.00070	0.0033	mg/Kg	10/31/25 11:14	VY103125
75-00-3	Chloroethane	0.0033	U	1	0.00083	0.0033	mg/Kg	10/31/25 11:14	VY103125
75-69-4	Trichlorofluoromethane	0.0033	U	1	0.00079	0.0033	mg/Kg	10/31/25 11:14	VY103125
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0033	U	1	0.00070	0.0033	mg/Kg	10/31/25 11:14	VY103125
75-35-4	1,1-Dichloroethene	0.0033	U	1	0.00066	0.0033	mg/Kg	10/31/25 11:14	VY103125
67-64-1	Acetone	0.016	U	1	0.0031	0.016	mg/Kg	10/31/25 11:14	VY103125
75-15-0	Carbon Disulfide	0.0012	J	1	0.00070	0.0033	mg/Kg	10/31/25 11:14	VY103125
1634-04-4	Methyl tert-butyl Ether	0.0033	U	1	0.00048	0.0033	mg/Kg	10/31/25 11:14	VY103125
79-20-9	Methyl Acetate	0.0033	U	1	0.0010	0.0033	mg/Kg	10/31/25 11:14	VY103125
75-09-2	Methylene Chloride	0.0023	J	1	0.0023	0.0066	mg/Kg	10/31/25 11:14	VY103125
156-60-5	trans-1,2-Dichloroethene	0.0033	U	1	0.00056	0.0033	mg/Kg	10/31/25 11:14	VY103125
75-34-3	1,1-Dichloroethane	0.0033	U	1	0.00053	0.0033	mg/Kg	10/31/25 11:14	VY103125
110-82-7	Cyclohexane	0.0033	U	1	0.00052	0.0033	mg/Kg	10/31/25 11:14	VY103125
78-93-3	2-Butanone	0.016	U	1	0.0043	0.016	mg/Kg	10/31/25 11:14	VY103125
56-23-5	Carbon Tetrachloride	0.0033	U	1	0.00064	0.0033	mg/Kg	10/31/25 11:14	VY103125
156-59-2	cis-1,2-Dichloroethene	0.0033	U	1	0.00049	0.0033	mg/Kg	10/31/25 11:14	VY103125
74-97-5	Bromochloromethane	0.0033	U	1	0.00075	0.0033	mg/Kg	10/31/25 11:14	VY103125
67-66-3	Chloroform	0.0011	J	1	0.00055	0.0033	mg/Kg	10/31/25 11:14	VY103125
71-55-6	1,1,1-Trichloroethane	0.0033	U	1	0.00061	0.0033	mg/Kg	10/31/25 11:14	VY103125
108-87-2	Methylcyclohexane	0.0033	U	1	0.00060	0.0033	mg/Kg	10/31/25 11:14	VY103125
71-43-2	Benzene	0.0033	U	1	0.00052	0.0033	mg/Kg	10/31/25 11:14	VY103125
107-06-2	1,2-Dichloroethane	0.0033	U	1	0.00052	0.0033	mg/Kg	10/31/25 11:14	VY103125
79-01-6	Trichloroethene	0.0033	U	1	0.00053	0.0033	mg/Kg	10/31/25 11:14	VY103125
78-87-5	1,2-Dichloropropane	0.0033	U	1	0.00060	0.0033	mg/Kg	10/31/25 11:14	VY103125
75-27-4	Bromodichloromethane	0.0033	U	1	0.00051	0.0033	mg/Kg	10/31/25 11:14	VY103125
108-10-1	4-Methyl-2-Pentanone	0.016	U	1	0.0023	0.016	mg/Kg	10/31/25 11:14	VY103125
108-88-3	Toluene	0.0033	U	1	0.00051	0.0033	mg/Kg	10/31/25 11:14	VY103125
10061-02-6	t-1,3-Dichloropropene	0.0033	U	1	0.00043	0.0033	mg/Kg	10/31/25 11:14	VY103125
10061-01-5	cis-1,3-Dichloropropene	0.0033	U	1	0.00041	0.0033	mg/Kg	10/31/25 11:14	VY103125
79-00-5	1,1,2-Trichloroethane	0.0033	U	1	0.00060	0.0033	mg/Kg	10/31/25 11:14	VY103125
591-78-6	2-Hexanone	0.016	U	1	0.0024	0.016	mg/Kg	10/31/25 11:14	VY103125
124-48-1	Dibromochloromethane	0.0033	U	1	0.00057	0.0033	mg/Kg	10/31/25 11:14	VY103125
106-93-4	1,2-Dibromoethane	0.0033	U	1	0.00058	0.0033	mg/Kg	10/31/25 11:14	VY103125
127-18-4	Tetrachloroethene	0.0033	U	1	0.00069	0.0033	mg/Kg	10/31/25 11:14	VY103125
108-90-7	Chlorobenzene	0.0033	U	1	0.00060	0.0033	mg/Kg	10/31/25 11:14	VY103125
100-41-4	Ethyl Benzene	0.0033	U	1	0.00044	0.0033	mg/Kg	10/31/25 11:14	VY103125
179601-23-1	m/p-Xylenes	0.0066	U	1	0.00081	0.0066	mg/Kg	10/31/25 11:14	VY103125
95-47-6	o-Xylene	0.0033	U	1	0.00054	0.0033	mg/Kg	10/31/25 11:14	VY103125
100-42-5	Styrene	0.0033	U	1	0.00047	0.0033	mg/Kg	10/31/25 11:14	VY103125
75-25-2	Bromoform	0.0033	U	1	0.00056	0.0033	mg/Kg	10/31/25 11:14	VY103125

Report of Analysis

Client: PSEG
Project: Linden Switching Station
Client Sample ID: SOIL-CUTTINGS-COMP
Lab Sample ID: Q3491-01
Analytical Method: 8260D
Sample Wt/Vol: 10.35 g

Level : LOW
Final Vol: 5000 uL

Date Collected: 10/29/25
Date Received: 10/29/25
SDG No.: Q3491
Matrix: SOIL
% Solid: 73.6
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.0033	U	1	0.00051	0.0033	mg/Kg	10/31/25 11:14	VY103125
79-34-5	1,1,2,2-Tetrachloroethane	0.0033	U	1	0.00079	0.0033	mg/Kg	10/31/25 11:14	VY103125
541-73-1	1,3-Dichlorobenzene	0.0033	U	1	0.0011	0.0033	mg/Kg	10/31/25 11:14	VY103125
106-46-7	1,4-Dichlorobenzene	0.0033	U	1	0.0010	0.0033	mg/Kg	10/31/25 11:14	VY103125
95-50-1	1,2-Dichlorobenzene	0.0033	U	1	0.00095	0.0033	mg/Kg	10/31/25 11:14	VY103125
96-12-8	1,2-Dibromo-3-Chloropropane	0.0033	U	1	0.0012	0.0033	mg/Kg	10/31/25 11:14	VY103125
120-82-1	1,2,4-Trichlorobenzene	0.0033	U	1	0.0019	0.0033	mg/Kg	10/31/25 11:14	VY103125
87-61-6	1,2,3-Trichlorobenzene	0.0033	U	1	0.0021	0.0033	mg/Kg	10/31/25 11:14	VY103125
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	55.5			63 - 155	111%	SPK: 50		
1868-53-7	Dibromofluoromethane	50.9			70 - 134	102%	SPK: 50		
2037-26-5	Toluene-d8	49.2			74 - 123	98%	SPK: 50		
460-00-4	4-Bromofluorobenzene	44.3			17 - 146	89%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	740000							
540-36-3	1,4-Difluorobenzene	1260000							
3114-55-4	Chlorobenzene-d5	1050000							
3855-82-1	1,4-Dichlorobenzene-d4	436000							

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