

ANALYTICAL RESULTS SUMMARY

VOLATILE ORGANICS
GENERAL CHEMISTRY
METALS
GC SEMI-VOLATILES
SEMI-VOLATILE ORGANICS

PROJECT NAME : OCEAN COUNTY LANDFILL 2024

TETRA TECH

100 Crystal Run Road

Suite 101

Middletown, NY - 10941

Phone No: 845-695-0229

ORDER ID : P4860

ATTENTION : John Giuliano



Laboratory Certification ID # 20012





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

Hit Summary Sheet
SW-846

SDG No.: P4860
Client: Tetra Tech

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	PH2-BOT-001							
P4860-02	PH2-BOT-001	SOIL	Methyl Acetate	4.00		1.40	4.00	ug/Kg
			Total Voc :		4.00			
			Total Concentration:		4.00			

Hit Summary Sheet SW-846

SDG No.: P4860
Client: Tetra Tech

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : DUP-01								
P4860-01	DUP-01	SOIL	10,18-Bisnorabieta-5,7,9(10),11,1 *	120.000	J	0	0	ug/Kg
P4860-01	DUP-01	SOIL	4b,8-Dimethyl-2-isopropylphenan *	85.100	J	0	0	ug/Kg
P4860-01	DUP-01	SOIL	Benzophenone *	160.000	J	0	0	ug/Kg
P4860-01	DUP-01	SOIL	Cholestan-3-one, (5.alpha.)-	200.000	J	0	0	ug/Kg
P4860-01	DUP-01	SOIL	Heneicosane *	72.800	J	0	0	ug/Kg
P4860-01	DUP-01	SOIL	n-Hexadecanoic acid *	260.000	J	0	0	ug/Kg
P4860-01	DUP-01	SOIL	Octacosane *	80.700	J	0	0	ug/Kg
P4860-01	DUP-01	SOIL	Retene *	250.000	J	0	0	ug/Kg
P4860-01	DUP-01	SOIL	unknown16.286 *	210.000	J	0	0	ug/Kg
Total Tics :				1,438.60				
Total Concentration:				1,438.60				
Client ID : PH2-BOT-001								
P4860-02	PH2-BOT-001	SOIL	Bis(2-ethylhexyl)phthalate	420.000		93.9	180	ug/Kg
Total Svoc :				420.00				
P4860-02	PH2-BOT-001	SOIL	10,18-Bisnorabieta-5,7,9(10),11,1 *	730.000	J	0	0	ug/Kg
P4860-02	PH2-BOT-001	SOIL	1H-Indole, 2-methyl-3-phenyl- *	360.000	J	0	0	ug/Kg
P4860-02	PH2-BOT-001	SOIL	4b,8-Dimethyl-2-isopropylphenan *	220.000	J	0	0	ug/Kg
P4860-02	PH2-BOT-001	SOIL	5.beta.-Cholestan-3.alpha.-ol, 2-m *	1,600.000	J	0	0	ug/Kg
P4860-02	PH2-BOT-001	SOIL	Butane, 2-methoxy-2-methyl- *	1,200.000	JB	0	0	ug/Kg
P4860-02	PH2-BOT-001	SOIL	Cholestan-2-one *	1,800.000	J	0	0	ug/Kg
P4860-02	PH2-BOT-001	SOIL	Cyclohexane, 1,3,5-triphenyl- *	600.000	J	0	0	ug/Kg
P4860-02	PH2-BOT-001	SOIL	Eicosane *	750.000	J	0	0	ug/Kg
P4860-02	PH2-BOT-001	SOIL	Heneicosane *	650.000	J	0	0	ug/Kg
P4860-02	PH2-BOT-001	SOIL	Heneicosane, 11-(1-ethylpropyl)- *	420.000	J	0	0	ug/Kg
P4860-02	PH2-BOT-001	SOIL	Heptadecane *	410.000	J	0	0	ug/Kg
P4860-02	PH2-BOT-001	SOIL	Hexadecane, 2,6,10-trimethyl- *	230.000	J	0	0	ug/Kg
P4860-02	PH2-BOT-001	SOIL	n-Hexadecanoic acid *	500.000	J	0	0	ug/Kg
P4860-02	PH2-BOT-001	SOIL	Octacosane *	410.000	J	0	0	ug/Kg
P4860-02	PH2-BOT-001	SOIL	Stigmastanol *	320.000	J	0	0	ug/Kg
P4860-02	PH2-BOT-001	SOIL	Supraene *	250.000	J	0	0	ug/Kg
P4860-02	PH2-BOT-001	SOIL	Tetradecane, 2,6,10-trimethyl- *	240.000	J	0	0	ug/Kg
P4860-02	PH2-BOT-001	SOIL	Tricosane *	950.000	J	0	0	ug/Kg
P4860-02	PH2-BOT-001	SOIL	Tridecane, 6-propyl- *	240.000	J	0	0	ug/Kg
P4860-02	PH2-BOT-001	SOIL	unknown17.657 *	440.000	J	0	0	ug/Kg
Total Tics :				12,320.00				
Total Concentration:				12,740.00				

Hit Summary Sheet
SW-846

SDG No.: P4860
Client: Tetra Tech

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : PH2-BOT-002								
P4860-03	PH2-BOT-002	SOIL	Bis(2-ethylhexyl)phthalate	95.800	J	94	180	ug/Kg
			Total Svoc :	95.80				
P4860-03	PH2-BOT-002	SOIL	10,18-Bisnorabieta-5,7,9(10),11,1. *	84.400	J	0	0	ug/Kg
P4860-03	PH2-BOT-002	SOIL	Benzophenone *	510.000	J	0	0	ug/Kg
P4860-03	PH2-BOT-002	SOIL	Cholestan-3-ol, (3.alpha.,5.beta.) *	530.000	J	0	0	ug/Kg
P4860-03	PH2-BOT-002	SOIL	Cholestan-3-one, (5.beta.)- *	390.000	J	0	0	ug/Kg
P4860-03	PH2-BOT-002	SOIL	Hexacosane *	130.000	J	0	0	ug/Kg
P4860-03	PH2-BOT-002	SOIL	Methanone, (1-hydroxycyclohexy *	82.300	J	0	0	ug/Kg
P4860-03	PH2-BOT-002	SOIL	n-Hexadecanoic acid *	180.000	J	0	0	ug/Kg
P4860-03	PH2-BOT-002	SOIL	Supraene *	100.000	J	0	0	ug/Kg
P4860-03	PH2-BOT-002	SOIL	unknown17.068 *	98.500	J	0	0	ug/Kg
P4860-03	PH2-BOT-002	SOIL	unknown17.657 *	110.000	J	0	0	ug/Kg
			Total Tics :	2,215.20				
			Total Concentration:	2,311.00				
Client ID : PH2-BOT-003								
P4860-04	PH2-BOT-003	SOIL	2-Pentanone, 4-hydroxy-4-methyl *	70.800	A	0	0	ug/Kg
P4860-04	PH2-BOT-003	SOIL	Benzophenone *	140.000	J	0	0	ug/Kg
P4860-04	PH2-BOT-003	SOIL	n-Hexadecanoic acid *	120.000	J	0	0	ug/Kg
P4860-04	PH2-BOT-003	SOIL	Squalene *	91.900	J	0	0	ug/Kg
P4860-04	PH2-BOT-003	SOIL	Trichloroacetic acid, pentadecyl e *	170.000	J	0	0	ug/Kg
P4860-04	PH2-BOT-003	SOIL	unknown16.427 *	77.300	J	0	0	ug/Kg
			Total Tics :	670.00				
			Total Concentration:	670.00				
Client ID : PH2-BOT-004								
P4860-05	PH2-BOT-004	SOIL	Benzophenone *	370.000	J	0	0	ug/Kg
P4860-05	PH2-BOT-004	SOIL	Butane, 2-methoxy-2-methyl- *	1,400.000	JB	0	0	ug/Kg
P4860-05	PH2-BOT-004	SOIL	n-Hexadecanoic acid *	93.900	J	0	0	ug/Kg
P4860-05	PH2-BOT-004	SOIL	Pentadecafluorooctanoic acid, oct: *	150.000	J	0	0	ug/Kg
			Total Tics :	2,013.90				
			Total Concentration:	2,013.90				
Client ID : PH2-BOT-009								
P4860-06	PH2-BOT-009	SOIL	1-Hexadecanol *	120.000	J	0	0	ug/Kg
P4860-06	PH2-BOT-009	SOIL	Benzophenone *	400.000	J	0	0	ug/Kg
P4860-06	PH2-BOT-009	SOIL	Methanone, (1-hydroxycyclohexy *	70.100	J	0	0	ug/Kg
			Total Tics :	590.10				
			Total Concentration:	590.10				
Client ID : PH2-BOT-008								
P4860-07	PH2-BOT-008	SOIL	1-Hydroxycyclohexanecarboxylic *	74.600	J	0	0	ug/Kg

Hit Summary Sheet SW-846

SDG No.: P4860
Client: Tetra Tech

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4860-07	PH2-BOT-008	SOIL	Benzophenone	*	500.000	J 0	0	ug/Kg
P4860-07	PH2-BOT-008	SOIL	n-Hexadecanoic acid	*	89.800	J 0	0	ug/Kg
Total Tics :				664.40				
Total Concentration:				664.40				
Client ID : PH2-BOT-007								
P4860-08	PH2-BOT-007	SOIL	1-Tetracosene	*	150.000	J 0	0	ug/Kg
P4860-08	PH2-BOT-007	SOIL	Benzophenone	*	320.000	J 0	0	ug/Kg
P4860-08	PH2-BOT-007	SOIL	Butane, 2-methoxy-2-methyl-	*	1,200.000	JB 0	0	ug/Kg
P4860-08	PH2-BOT-007	SOIL	n-Hexadecanoic acid	*	130.000	J 0	0	ug/Kg
Total Tics :				1,800.00				
Total Concentration:				1,800.00				
Client ID : PH2-BOT-006								
P4860-09	PH2-BOT-006	SOIL	Benzophenone	*	330.000	J 0	0	ug/Kg
P4860-09	PH2-BOT-006	SOIL	n-Hexadecanoic acid	*	220.000	J 0	0	ug/Kg
P4860-09	PH2-BOT-006	SOIL	n-Nonadecanol-1	*	170.000	J 0	0	ug/Kg
P4860-09	PH2-BOT-006	SOIL	unknown16.457	*	78.100	J 0	0	ug/Kg
Total Tics :				798.10				
Total Concentration:				798.10				
Client ID : PH2-BOT-005								
P4860-10	PH2-BOT-005	SOIL	10,18-Bisnorabieta-5,7,9(10),11,1	*	81.900	J 0	0	ug/Kg
P4860-10	PH2-BOT-005	SOIL	Benzophenone	*	330.000	J 0	0	ug/Kg
P4860-10	PH2-BOT-005	SOIL	Butane, 2-methoxy-2-methyl-	*	1,100.000	JB 0	0	ug/Kg
P4860-10	PH2-BOT-005	SOIL	Cholestan-3-one	*	220.000	J 0	0	ug/Kg
P4860-10	PH2-BOT-005	SOIL	Eicosane	*	100.000	J 0	0	ug/Kg
P4860-10	PH2-BOT-005	SOIL	Heneicosane	*	79.800	J 0	0	ug/Kg
P4860-10	PH2-BOT-005	SOIL	Isobutyl tetracosyl ether	*	280.000	J 0	0	ug/Kg
P4860-10	PH2-BOT-005	SOIL	n-Hexadecanoic acid	*	170.000	J 0	0	ug/Kg
P4860-10	PH2-BOT-005	SOIL	Octacosane, 2-methyl-	*	74.700	J 0	0	ug/Kg
P4860-10	PH2-BOT-005	SOIL	Triacotane	*	140.000	J 0	0	ug/Kg
P4860-10	PH2-BOT-005	SOIL	unknown16.245	*	230.000	J 0	0	ug/Kg
P4860-10	PH2-BOT-005	SOIL	unknown16.498	*	75.700	J 0	0	ug/Kg
P4860-10	PH2-BOT-005	SOIL	unknown17.439	*	77.400	J 0	0	ug/Kg
P4860-10	PH2-BOT-005	SOIL	unknown17.651	*	70.600	J 0	0	ug/Kg
Total Tics :				3,030.10				
Total Concentration:				3,030.10				

Hit Summary Sheet
SW-846

SDG No.: P4860

Order ID: P4860

Client: Tetra Tech

Project ID: Ocean County Landfill 2024

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : DUP-01								
P4860-01	DUP-01	SOIL	4,4-DDE	0.31	JP	0.13	1.80	ug/kg
P4860-01	DUP-01	SOIL	4,4-DDD	0.26	JP	0.20	1.80	ug/kg
P4860-01	DUP-01	SOIL	alpha-Chlordane	0.29	J	0.18	1.80	ug/kg
P4860-01	DUP-01	SOIL	gamma-Chlordane	0.37	JP	0.20	1.80	ug/kg
Total Concentration:				1.230				
Client ID : PH2-BOT-001								
P4860-02	PH2-BOT-001	SOIL	Dieldrin	0.34	J	0.15	1.80	ug/kg
P4860-02	PH2-BOT-001	SOIL	4,4-DDE	0.62	J	0.13	1.80	ug/kg
P4860-02	PH2-BOT-001	SOIL	4,4-DDD	1.30	JP	0.20	1.80	ug/kg
P4860-02	PH2-BOT-001	SOIL	4,4-DDT	2.10	P	0.18	1.80	ug/kg
P4860-02	PH2-BOT-001	SOIL	alpha-Chlordane	2.60	P	0.18	1.80	ug/kg
P4860-02	PH2-BOT-001	SOIL	gamma-Chlordane	6.50	P	0.20	1.80	ug/kg
Total Concentration:				13.460				
Client ID : PH2-BOT-002								
P4860-03	PH2-BOT-002	SOIL	4,4-DDE	1.00	JP	0.13	1.80	ug/kg
P4860-03	PH2-BOT-002	SOIL	4,4-DDD	1.20	J	0.20	1.80	ug/kg
P4860-03	PH2-BOT-002	SOIL	4,4-DDT	2.40	P	0.18	1.80	ug/kg
Total Concentration:				4.600				
Client ID : PH2-BOT-003								
P4860-04	PH2-BOT-003	SOIL	4,4-DDD	0.53	JP	0.19	1.70	ug/kg
P4860-04	PH2-BOT-003	SOIL	4,4-DDT	0.34	J	0.17	1.70	ug/kg
P4860-04	PH2-BOT-003	SOIL	alpha-Chlordane	1.50	J	0.17	1.70	ug/kg
P4860-04	PH2-BOT-003	SOIL	gamma-Chlordane	1.20	JP	0.19	1.70	ug/kg
Total Concentration:				3.570				
Client ID : PH2-BOT-004								
P4860-05	PH2-BOT-004	SOIL	4,4-DDE	0.17	J	0.13	1.70	ug/kg
P4860-05	PH2-BOT-004	SOIL	4,4-DDD	0.97	J	0.19	1.70	ug/kg
P4860-05	PH2-BOT-004	SOIL	4,4-DDT	2.20		0.17	1.70	ug/kg
P4860-05	PH2-BOT-004	SOIL	alpha-Chlordane	0.65	JP	0.17	1.70	ug/kg
P4860-05	PH2-BOT-004	SOIL	gamma-Chlordane	0.42	J	0.19	1.70	ug/kg
Total Concentration:				4.410				
Client ID : PH2-BOT-008								
P4860-07	PH2-BOT-008	SOIL	4,4-DDD	2.10	P	0.20	1.80	ug/kg
P4860-07	PH2-BOT-008	SOIL	4,4-DDT	0.87	JP	0.18	1.80	ug/kg

Hit Summary Sheet
SW-846

SDG No.: P4860

Order ID: P4860

Client: Tetra Tech

Project ID: Ocean County Landfill 2024

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4860-07	PH2-BOT-008	SOIL	alpha-Chlordane	1.40	JP	0.18	1.80	ug/kg
P4860-07	PH2-BOT-008	SOIL	gamma-Chlordane	1.30	JP	0.20	1.80	ug/kg
Total Concentration:				5.670				
Client ID :	PH2-BOT-007							
P4860-08	PH2-BOT-007	SOIL	4,4-DDE	0.48	J	0.13	1.70	ug/kg
P4860-08	PH2-BOT-007	SOIL	4,4-DDD	1.00	J	0.19	1.70	ug/kg
P4860-08	PH2-BOT-007	SOIL	4,4-DDT	1.70	P	0.17	1.70	ug/kg
Total Concentration:				3.180				



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Hit Summary Sheet
SW-846

SDG No.: P4860

Order ID: P4860

Client: Tetra Tech

Project ID: Ocean County Landfill 2024

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

Total Concentration: 0.000

Hit Summary Sheet
SW-846

SDG No.: P4860

Order ID: P4860

Client: Tetra Tech

Project ID: Ocean County Landfill 2024

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : DUP-01								
P4860-01	DUP-01	SOIL	Aluminum	237		2.12	4.40	mg/Kg
P4860-01	DUP-01	SOIL	Antimony	0.22	J	0.13	2.20	mg/Kg
P4860-01	DUP-01	SOIL	Barium	0.80	J	0.56	4.40	mg/Kg
P4860-01	DUP-01	SOIL	Beryllium	0.024	J	0.011	0.26	mg/Kg
P4860-01	DUP-01	SOIL	Cadmium	0.038	J	0.014	0.26	mg/Kg
P4860-01	DUP-01	SOIL	Calcium	107		2.46	87.9	mg/Kg
P4860-01	DUP-01	SOIL	Chromium	1.80		0.047	0.44	mg/Kg
P4860-01	DUP-01	SOIL	Cobalt	0.079	J	0.051	1.32	mg/Kg
P4860-01	DUP-01	SOIL	Copper	1.13		0.41	0.88	mg/Kg
P4860-01	DUP-01	SOIL	Iron	1340		2.37	4.40	mg/Kg
P4860-01	DUP-01	SOIL	Lead	0.86		0.13	0.53	mg/Kg
P4860-01	DUP-01	SOIL	Magnesium	11.6	J	3.02	87.9	mg/Kg
P4860-01	DUP-01	SOIL	Manganese	3.14		0.062	0.88	mg/Kg
P4860-01	DUP-01	SOIL	Nickel	0.30	J	0.079	1.76	mg/Kg
P4860-01	DUP-01	SOIL	Potassium	35.6	J	25.2	87.9	mg/Kg
P4860-01	DUP-01	SOIL	Vanadium	2.98		0.24	1.76	mg/Kg
P4860-01	DUP-01	SOIL	Zinc	3.98		0.097	1.76	mg/Kg
Client ID : PH2-BOT-001								
P4860-02	PH2-BOT-001	SOIL	Aluminum	802		2.07	4.29	mg/Kg
P4860-02	PH2-BOT-001	SOIL	Barium	3.59	J	0.55	4.29	mg/Kg
P4860-02	PH2-BOT-001	SOIL	Beryllium	0.042	J	0.010	0.26	mg/Kg
P4860-02	PH2-BOT-001	SOIL	Cadmium	0.095	J	0.014	0.26	mg/Kg
P4860-02	PH2-BOT-001	SOIL	Calcium	245		2.40	85.7	mg/Kg
P4860-02	PH2-BOT-001	SOIL	Chromium	4.30		0.046	0.43	mg/Kg
P4860-02	PH2-BOT-001	SOIL	Cobalt	0.15	J	0.050	1.29	mg/Kg
P4860-02	PH2-BOT-001	SOIL	Copper	4.12		0.40	0.86	mg/Kg
P4860-02	PH2-BOT-001	SOIL	Iron	1740		2.31	4.29	mg/Kg
P4860-02	PH2-BOT-001	SOIL	Lead	3.02		0.13	0.51	mg/Kg
P4860-02	PH2-BOT-001	SOIL	Magnesium	32.0	J	2.94	85.7	mg/Kg
P4860-02	PH2-BOT-001	SOIL	Manganese	7.09		0.061	0.86	mg/Kg
P4860-02	PH2-BOT-001	SOIL	Mercury	0.016		0.0060	0.012	mg/Kg
P4860-02	PH2-BOT-001	SOIL	Nickel	1.70	J	0.077	1.71	mg/Kg
P4860-02	PH2-BOT-001	SOIL	Potassium	54.3	J	24.6	85.7	mg/Kg
P4860-02	PH2-BOT-001	SOIL	Silver	0.11	J	0.045	0.43	mg/Kg
P4860-02	PH2-BOT-001	SOIL	Vanadium	3.79		0.23	1.71	mg/Kg
P4860-02	PH2-BOT-001	SOIL	Zinc	17.9		0.094	1.71	mg/Kg

Hit Summary Sheet
SW-846

SDG No.: P4860

Order ID: P4860

Client: Tetra Tech

Project ID: Ocean County Landfill 2024

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : PH2-BOT-002								
P4860-03	PH2-BOT-002	SOIL	Aluminum	842		2.08	4.31	mg/Kg
P4860-03	PH2-BOT-002	SOIL	Barium	5.21		0.55	4.31	mg/Kg
P4860-03	PH2-BOT-002	SOIL	Beryllium	0.032	J	0.010	0.26	mg/Kg
P4860-03	PH2-BOT-002	SOIL	Cadmium	0.093	J	0.014	0.26	mg/Kg
P4860-03	PH2-BOT-002	SOIL	Calcium	446		2.42	86.3	mg/Kg
P4860-03	PH2-BOT-002	SOIL	Chromium	4.64		0.047	0.43	mg/Kg
P4860-03	PH2-BOT-002	SOIL	Cobalt	0.19	J	0.050	1.29	mg/Kg
P4860-03	PH2-BOT-002	SOIL	Copper	6.86		0.41	0.86	mg/Kg
P4860-03	PH2-BOT-002	SOIL	Iron	1280		2.32	4.31	mg/Kg
P4860-03	PH2-BOT-002	SOIL	Lead	3.61		0.13	0.52	mg/Kg
P4860-03	PH2-BOT-002	SOIL	Magnesium	77.8	J	2.96	86.3	mg/Kg
P4860-03	PH2-BOT-002	SOIL	Manganese	6.98		0.061	0.86	mg/Kg
P4860-03	PH2-BOT-002	SOIL	Mercury	0.025		0.0060	0.014	mg/Kg
P4860-03	PH2-BOT-002	SOIL	Nickel	3.03		0.078	1.73	mg/Kg
P4860-03	PH2-BOT-002	SOIL	Potassium	57.9	J	24.8	86.3	mg/Kg
P4860-03	PH2-BOT-002	SOIL	Silver	0.19	J	0.045	0.43	mg/Kg
P4860-03	PH2-BOT-002	SOIL	Vanadium	2.83		0.23	1.73	mg/Kg
P4860-03	PH2-BOT-002	SOIL	Zinc	14.4		0.095	1.73	mg/Kg
Client ID : PH2-BOT-003								
P4860-04	PH2-BOT-003	SOIL	Aluminum	1300		2.16	4.48	mg/Kg
P4860-04	PH2-BOT-003	SOIL	Arsenic	0.55	J	0.26	0.90	mg/Kg
P4860-04	PH2-BOT-003	SOIL	Barium	3.61	J	0.57	4.48	mg/Kg
P4860-04	PH2-BOT-003	SOIL	Beryllium	0.21	J	0.011	0.27	mg/Kg
P4860-04	PH2-BOT-003	SOIL	Cadmium	0.36		0.014	0.27	mg/Kg
P4860-04	PH2-BOT-003	SOIL	Calcium	348		2.51	89.7	mg/Kg
P4860-04	PH2-BOT-003	SOIL	Chromium	17.9		0.048	0.45	mg/Kg
P4860-04	PH2-BOT-003	SOIL	Cobalt	0.44	J	0.052	1.35	mg/Kg
P4860-04	PH2-BOT-003	SOIL	Copper	5.12		0.42	0.90	mg/Kg
P4860-04	PH2-BOT-003	SOIL	Iron	10100		2.41	4.48	mg/Kg
P4860-04	PH2-BOT-003	SOIL	Lead	2.93		0.14	0.54	mg/Kg
P4860-04	PH2-BOT-003	SOIL	Magnesium	37.6	J	3.08	89.7	mg/Kg
P4860-04	PH2-BOT-003	SOIL	Manganese	2.89		0.064	0.90	mg/Kg
P4860-04	PH2-BOT-003	SOIL	Mercury	0.039		0.0060	0.014	mg/Kg
P4860-04	PH2-BOT-003	SOIL	Nickel	1.01	J	0.081	1.79	mg/Kg
P4860-04	PH2-BOT-003	SOIL	Potassium	39.3	J	25.7	89.7	mg/Kg
P4860-04	PH2-BOT-003	SOIL	Silver	0.094	J	0.047	0.45	mg/Kg
P4860-04	PH2-BOT-003	SOIL	Vanadium	10.8		0.24	1.79	mg/Kg
P4860-04	PH2-BOT-003	SOIL	Zinc	7.61		0.099	1.79	mg/Kg

Hit Summary Sheet
SW-846

SDG No.: P4860

Order ID: P4860

Client: Tetra Tech

Project ID: Ocean County Landfill 2024

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : PH2-BOT-004								
P4860-05	PH2-BOT-004	SOIL	Aluminum	816		2.24	4.65	mg/Kg
P4860-05	PH2-BOT-004	SOIL	Arsenic	0.70	J	0.27	0.93	mg/Kg
P4860-05	PH2-BOT-004	SOIL	Barium	2.23	J	0.60	4.65	mg/Kg
P4860-05	PH2-BOT-004	SOIL	Beryllium	0.12	J	0.011	0.28	mg/Kg
P4860-05	PH2-BOT-004	SOIL	Cadmium	0.18	J	0.015	0.28	mg/Kg
P4860-05	PH2-BOT-004	SOIL	Calcium	103		2.61	93.1	mg/Kg
P4860-05	PH2-BOT-004	SOIL	Chromium	4.73		0.050	0.47	mg/Kg
P4860-05	PH2-BOT-004	SOIL	Cobalt	0.30	J	0.054	1.40	mg/Kg
P4860-05	PH2-BOT-004	SOIL	Copper	2.47		0.44	0.93	mg/Kg
P4860-05	PH2-BOT-004	SOIL	Iron	5890		2.50	4.65	mg/Kg
P4860-05	PH2-BOT-004	SOIL	Lead	1.55		0.14	0.56	mg/Kg
P4860-05	PH2-BOT-004	SOIL	Magnesium	58.4	J	3.19	93.1	mg/Kg
P4860-05	PH2-BOT-004	SOIL	Manganese	3.41		0.066	0.93	mg/Kg
P4860-05	PH2-BOT-004	SOIL	Nickel	0.65	J	0.084	1.86	mg/Kg
P4860-05	PH2-BOT-004	SOIL	Potassium	84.0	J	26.7	93.1	mg/Kg
P4860-05	PH2-BOT-004	SOIL	Vanadium	5.62		0.25	1.86	mg/Kg
P4860-05	PH2-BOT-004	SOIL	Zinc	4.29		0.10	1.86	mg/Kg
Client ID : PH2-BOT-009								
P4860-06	PH2-BOT-009	SOIL	Aluminum	568		2.19	4.54	mg/Kg
P4860-06	PH2-BOT-009	SOIL	Barium	0.83	J	0.58	4.54	mg/Kg
P4860-06	PH2-BOT-009	SOIL	Beryllium	0.083	J	0.011	0.27	mg/Kg
P4860-06	PH2-BOT-009	SOIL	Cadmium	0.11	J	0.015	0.27	mg/Kg
P4860-06	PH2-BOT-009	SOIL	Calcium	54.4	J	2.54	90.8	mg/Kg
P4860-06	PH2-BOT-009	SOIL	Chromium	2.90		0.049	0.45	mg/Kg
P4860-06	PH2-BOT-009	SOIL	Cobalt	0.15	J	0.053	1.36	mg/Kg
P4860-06	PH2-BOT-009	SOIL	Copper	1.51		0.43	0.91	mg/Kg
P4860-06	PH2-BOT-009	SOIL	Iron	3990		2.44	4.54	mg/Kg
P4860-06	PH2-BOT-009	SOIL	Lead	1.08		0.14	0.55	mg/Kg
P4860-06	PH2-BOT-009	SOIL	Magnesium	17.6	J	3.12	90.8	mg/Kg
P4860-06	PH2-BOT-009	SOIL	Manganese	1.95		0.064	0.91	mg/Kg
P4860-06	PH2-BOT-009	SOIL	Nickel	0.33	J	0.082	1.82	mg/Kg
P4860-06	PH2-BOT-009	SOIL	Vanadium	3.73		0.25	1.82	mg/Kg
P4860-06	PH2-BOT-009	SOIL	Zinc	2.73		0.10	1.82	mg/Kg
Client ID : PH2-BOT-008								
P4860-07	PH2-BOT-008	SOIL	Aluminum	564		2.12	4.40	mg/Kg
P4860-07	PH2-BOT-008	SOIL	Barium	3.91	J	0.56	4.40	mg/Kg
P4860-07	PH2-BOT-008	SOIL	Beryllium	0.052	J	0.011	0.26	mg/Kg
P4860-07	PH2-BOT-008	SOIL	Cadmium	0.095	J	0.014	0.26	mg/Kg

Hit Summary Sheet
SW-846

SDG No.: P4860

Order ID: P4860

Client: Tetra Tech

Project ID: Ocean County Landfill 2024

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4860-07	PH2-BOT-008	SOIL	Calcium	272		2.46	87.9	mg/Kg
P4860-07	PH2-BOT-008	SOIL	Chromium	3.39		0.047	0.44	mg/Kg
P4860-07	PH2-BOT-008	SOIL	Cobalt	0.23	J	0.051	1.32	mg/Kg
P4860-07	PH2-BOT-008	SOIL	Copper	2.61		0.41	0.88	mg/Kg
P4860-07	PH2-BOT-008	SOIL	Iron	2250		2.37	4.40	mg/Kg
P4860-07	PH2-BOT-008	SOIL	Lead	10.2		0.13	0.53	mg/Kg
P4860-07	PH2-BOT-008	SOIL	Magnesium	72.0	J	3.02	87.9	mg/Kg
P4860-07	PH2-BOT-008	SOIL	Manganese	6.35		0.062	0.88	mg/Kg
P4860-07	PH2-BOT-008	SOIL	Mercury	0.0080	J	0.0060	0.013	mg/Kg
P4860-07	PH2-BOT-008	SOIL	Nickel	0.57	J	0.079	1.76	mg/Kg
P4860-07	PH2-BOT-008	SOIL	Potassium	35.0	J	25.2	87.9	mg/Kg
P4860-07	PH2-BOT-008	SOIL	Vanadium	3.70		0.24	1.76	mg/Kg
P4860-07	PH2-BOT-008	SOIL	Zinc	7.06		0.097	1.76	mg/Kg
Client ID : PH2-BOT-007								
P4860-08	PH2-BOT-007	SOIL	Aluminum	908		2.11	4.38	mg/Kg
P4860-08	PH2-BOT-007	SOIL	Barium	2.89	J	0.56	4.38	mg/Kg
P4860-08	PH2-BOT-007	SOIL	Beryllium	0.090	J	0.011	0.26	mg/Kg
P4860-08	PH2-BOT-007	SOIL	Cadmium	0.16	J	0.014	0.26	mg/Kg
P4860-08	PH2-BOT-007	SOIL	Calcium	570		2.45	87.6	mg/Kg
P4860-08	PH2-BOT-007	SOIL	Chromium	4.93		0.047	0.44	mg/Kg
P4860-08	PH2-BOT-007	SOIL	Cobalt	0.23	J	0.051	1.31	mg/Kg
P4860-08	PH2-BOT-007	SOIL	Copper	3.37		0.41	0.88	mg/Kg
P4860-08	PH2-BOT-007	SOIL	Iron	4420		2.36	4.38	mg/Kg
P4860-08	PH2-BOT-007	SOIL	Lead	2.07		0.13	0.53	mg/Kg
P4860-08	PH2-BOT-007	SOIL	Magnesium	58.0	J	3.00	87.6	mg/Kg
P4860-08	PH2-BOT-007	SOIL	Manganese	3.22		0.062	0.88	mg/Kg
P4860-08	PH2-BOT-007	SOIL	Mercury	0.0090	J	0.0060	0.013	mg/Kg
P4860-08	PH2-BOT-007	SOIL	Nickel	0.45	J	0.079	1.75	mg/Kg
P4860-08	PH2-BOT-007	SOIL	Potassium	80.9	J	25.1	87.6	mg/Kg
P4860-08	PH2-BOT-007	SOIL	Silver	0.15	J	0.046	0.44	mg/Kg
P4860-08	PH2-BOT-007	SOIL	Sodium	56.2	J	31.6	87.6	mg/Kg
P4860-08	PH2-BOT-007	SOIL	Vanadium	5.76		0.24	1.75	mg/Kg
P4860-08	PH2-BOT-007	SOIL	Zinc	8.05		0.096	1.75	mg/Kg
Client ID : PH2-BOT-006								
P4860-09	PH2-BOT-006	SOIL	Aluminum	528		2.12	4.40	mg/Kg
P4860-09	PH2-BOT-006	SOIL	Barium	0.69	J	0.56	4.40	mg/Kg
P4860-09	PH2-BOT-006	SOIL	Beryllium	0.054	J	0.011	0.26	mg/Kg
P4860-09	PH2-BOT-006	SOIL	Cadmium	0.097	J	0.014	0.26	mg/Kg
P4860-09	PH2-BOT-006	SOIL	Calcium	135		2.47	88.0	mg/Kg

Hit Summary Sheet
SW-846

SDG No.: P4860

Order ID: P4860

Client: Tetra Tech

Project ID: Ocean County Landfill 2024

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4860-09	PH2-BOT-006	SOIL	Chromium	7.11		0.048	0.44	mg/Kg
P4860-09	PH2-BOT-006	SOIL	Cobalt	0.14	J	0.051	1.32	mg/Kg
P4860-09	PH2-BOT-006	SOIL	Copper	1.78		0.41	0.88	mg/Kg
P4860-09	PH2-BOT-006	SOIL	Iron	2880		2.37	4.40	mg/Kg
P4860-09	PH2-BOT-006	SOIL	Lead	1.13		0.13	0.53	mg/Kg
P4860-09	PH2-BOT-006	SOIL	Magnesium	21.3	J	3.02	88.0	mg/Kg
P4860-09	PH2-BOT-006	SOIL	Manganese	2.65		0.063	0.88	mg/Kg
P4860-09	PH2-BOT-006	SOIL	Mercury	0.0090	J	0.0060	0.014	mg/Kg
P4860-09	PH2-BOT-006	SOIL	Nickel	0.40	J	0.079	1.76	mg/Kg
P4860-09	PH2-BOT-006	SOIL	Potassium	51.7	J	25.3	88.0	mg/Kg
P4860-09	PH2-BOT-006	SOIL	Silver	0.056	J	0.046	0.44	mg/Kg
P4860-09	PH2-BOT-006	SOIL	Sodium	54.2	J	31.8	88.0	mg/Kg
P4860-09	PH2-BOT-006	SOIL	Vanadium	5.99		0.24	1.76	mg/Kg
P4860-09	PH2-BOT-006	SOIL	Zinc	4.95		0.097	1.76	mg/Kg
Client ID : PH2-BOT-005								
P4860-10	PH2-BOT-005	SOIL	Aluminum	220		2.19	4.55	mg/Kg
P4860-10	PH2-BOT-005	SOIL	Beryllium	0.029	J	0.011	0.27	mg/Kg
P4860-10	PH2-BOT-005	SOIL	Cadmium	0.041	J	0.015	0.27	mg/Kg
P4860-10	PH2-BOT-005	SOIL	Calcium	81.8	J	2.55	91.1	mg/Kg
P4860-10	PH2-BOT-005	SOIL	Chromium	2.58		0.049	0.46	mg/Kg
P4860-10	PH2-BOT-005	SOIL	Cobalt	0.073	J	0.053	1.37	mg/Kg
P4860-10	PH2-BOT-005	SOIL	Copper	0.96		0.43	0.91	mg/Kg
P4860-10	PH2-BOT-005	SOIL	Iron	1550		2.45	4.55	mg/Kg
P4860-10	PH2-BOT-005	SOIL	Lead	0.55		0.14	0.55	mg/Kg
P4860-10	PH2-BOT-005	SOIL	Magnesium	9.02	J	3.12	91.1	mg/Kg
P4860-10	PH2-BOT-005	SOIL	Manganese	2.02		0.065	0.91	mg/Kg
P4860-10	PH2-BOT-005	SOIL	Nickel	0.46	J	0.082	1.82	mg/Kg
P4860-10	PH2-BOT-005	SOIL	Vanadium	3.33		0.25	1.82	mg/Kg
P4860-10	PH2-BOT-005	SOIL	Zinc	2.59		0.10	1.82	mg/Kg