

ANALYTICAL RESULTS SUMMARY

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

PROJECT NAME : NYCDEP C547A - SHAFTS 17B-1 & 18B-1 STAGE 2

WALSH CONSTRUCTION COMPANY II, LLC

150 Clove Road 11th Fl

Little Falls, NJ - 07424

Phone No: 2016916000

ORDER ID : P4722

ATTENTION : Kayla Timony



Laboratory Certification ID # 20012



Hit Summary Sheet
SW-846

SDG No.: P4722

Client: Walsh Construction Company II, LLC

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	WC-1(5.5)							
P4722-01	WC-1(5.5)	SOIL	Acetone	15.8		3.40	13.6	ug/Kg
P4722-01	WC-1(5.5)	SOIL	Methylene Chloride	2.00	J	1.90	5.40	ug/Kg
P4722-01	WC-1(5.5)	SOIL	2-Butanone	5.30	J	3.10	13.6	ug/Kg
P4722-01	WC-1(5.5)	SOIL	Chloroform	0.69	J	0.36	2.70	ug/Kg
P4722-01	WC-1(5.5)	SOIL	Tetrachloroethene	1.30	J	0.48	2.70	ug/Kg
			Total Voc :			25.1		
P4722-01	WC-1(5.5)	SOIL	unknown12.731	* 3.20	J	0	0	ug/Kg
P4722-01	WC-1(5.5)	SOIL	unknown13.664	* 2.90	J	0	0	ug/Kg
P4722-01	WC-1(5.5)	SOIL	Butane	* 4.20	J	0	0	ug/Kg
P4722-01	WC-1(5.5)	SOIL	cis-3-Decene	* 4.20	J	0	0	ug/Kg
			Total Tics :			14.5		
			Total Concentration:			39.6		
Client ID:	WC-2(2)							
P4722-06	WC-2(2)	SOIL	Bicyclo[3.1.0]hexane, 4-methyl	* 4.00	J	0	0	ug/Kg
			Total Tics :			4.00		
			Total Concentration:			4.00		
Client ID:	WC-3(5)							
P4722-11	WC-3(5)	SOIL	Acetone	120		5.20	20.9	ug/Kg
P4722-11	WC-3(5)	SOIL	Carbon Disulfide	1.70	J	1.10	4.20	ug/Kg
P4722-11	WC-3(5)	SOIL	2-Butanone	34.1		4.70	20.9	ug/Kg
			Total Voc :			156		
P4722-11	WC-3(5)	SOIL	unknown14.066	* 55.1	J	0	0	ug/Kg
P4722-11	WC-3(5)	SOIL	unknown14.651	* 110	J	0	0	ug/Kg
P4722-11	WC-3(5)	SOIL	unknown15.255	* 160	J	0	0	ug/Kg
P4722-11	WC-3(5)	SOIL	unknown15.511	* 91.3	J	0	0	ug/Kg
P4722-11	WC-3(5)	SOIL	Naphthalene, decahydro-	* 120	J	0	0	ug/Kg
P4722-11	WC-3(5)	SOIL	1-Methyldecahydronaphthalene	* 190	J	0	0	ug/Kg
P4722-11	WC-3(5)	SOIL	Naphthalene, decahydro-2-methyl	* 170	J	0	0	ug/Kg
P4722-11	WC-3(5)	SOIL	Cyclohexane, 2-butyl-1,1,3-trimethyl	* 64.0	J	0	0	ug/Kg
P4722-11	WC-3(5)	SOIL	Cyclohexane, 2,4-diethyl-1-methyl	* 70.6	J	0	0	ug/Kg
P4722-11	WC-3(5)	SOIL	trans, cis-3-Ethylbicyclo[4.4.0]dec-2-ene	* 58.2	J	0	0	ug/Kg
			Total Tics :			1090		
			Total Concentration:			1250		
Client ID:	WC-1(3.5)							
P4722-17	WC-1(3.5)	SOIL	Naphthalene	* 0.95	J	0.79	2.70	ug/Kg
			Total Tics :			0.95		
			Total Concentration:			0.95		
Client ID:	WC-3(3)							

Hit Summary Sheet
SW-846

SDG No.: P4722

Client: Walsh Construction Company II, LLC

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4722-21	WC-3(3)	SOIL	Tetrachloroethene	1.00	J	0.42	2.40	ug/Kg
			Total Voc :	1.00				
			Total Concentration:	1.00				

Hit Summary Sheet
SW-846

SDG No.: P4722

Client: Walsh Construction Company II, LLC

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID: P4722-02	WC-1(3.5) WC-1(3.5)	TCLP	2-Butanone	7.40	J	1.30	25.0	ug/L
			Total Voc :	7.40				
			Total Concentration:	7.40				
Client ID: P4722-07	WC-2(4) WC-2(4)	TCLP	2-Butanone	8.30	J	1.30	25.0	ug/L
			Total Voc :	8.30				
			Total Concentration:	8.30				
Client ID: P4722-12	WC-3(3) WC-3(3)	TCLP	2-Butanone	8.00	J	1.30	25.0	ug/L
			Total Voc :	8.00				
			Total Concentration:	8.00				
Client ID: P4722-16	WC-1(5.5) WC-1(5.5)	TCLP	2-Butanone	9.00	J	1.30	25.0	ug/L
			Total Voc :	9.00				
			Total Concentration:	9.00				
Client ID: P4722-18	WC-2(2) WC-2(2)	TCLP	2-Butanone	7.40	J	1.30	25.0	ug/L
			Total Voc :	7.40				
			Total Concentration:	7.40				
Client ID: P4722-20	WC-3(5) WC-3(5)	TCLP	2-Butanone	11.1	J	1.30	25.0	ug/L
			Total Voc :	11.1				
			Total Concentration:	11.1				

Hit Summary Sheet
SW-846

SDG No.: P4722

Client: Walsh Construction Company II, LLC

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	WC-1(0-6)							
P4722-05	WC-1(0-6)	WATER	Acetone	7.40	J	1.40	25.0	ug/L
P4722-05	WC-1(0-6)	WATER	Methylene Chloride	3.20	J	0.32	5.00	ug/L
P4722-05	WC-1(0-6)	WATER	1,2,4-Trichlorobenzene	1.00	J	0.42	5.00	ug/L
P4722-05	WC-1(0-6)	WATER	1,2,3-Trichlorobenzene	1.10	J	0.51	5.00	ug/L
			Total Voc :	12.7				
			Total Concentration:	12.7				
Client ID:	WC-2(0-6)							
P4722-10	WC-2(0-6)	WATER	Acetone	6.10	J	1.40	25.0	ug/L
P4722-10	WC-2(0-6)	WATER	Methylene Chloride	15.5		0.32	5.00	ug/L
			Total Voc :	21.6				
			Total Concentration:	21.6				
Client ID:	WC-3(0-6)							
P4722-15	WC-3(0-6)	WATER	Methylene Chloride	1.30	J	0.32	5.00	ug/L
			Total Voc :	1.30				
			Total Concentration:	1.30				

Hit Summary Sheet SW-846

SDG No.: P4722

Client: Walsh Construction Company II, LLC

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : WC-1(0-6)								
P4722-03	WC-1(0-6)	SOIL	Phenanthrene	910.000		180	360	ug/Kg
P4722-03	WC-1(0-6)	SOIL	Anthracene	230.000	J	180	360	ug/Kg
P4722-03	WC-1(0-6)	SOIL	Fluoranthene	1,600.000		170	360	ug/Kg
P4722-03	WC-1(0-6)	SOIL	Pyrene	1,400.000		180	360	ug/Kg
P4722-03	WC-1(0-6)	SOIL	Benzo(a)anthracene	890.000		170	360	ug/Kg
P4722-03	WC-1(0-6)	SOIL	Chrysene	680.000		170	360	ug/Kg
P4722-03	WC-1(0-6)	SOIL	Benzo(b)fluoranthene	850.000		170	360	ug/Kg
P4722-03	WC-1(0-6)	SOIL	Benzo(k)fluoranthene	430.000		180	360	ug/Kg
P4722-03	WC-1(0-6)	SOIL	Benzo(a)pyrene	830.000		200	360	ug/Kg
P4722-03	WC-1(0-6)	SOIL	Indeno(1,2,3-cd)pyrene	380.000		170	360	ug/Kg
P4722-03	WC-1(0-6)	SOIL	Benzo(g,h,i)perylene	450.000		170	360	ug/Kg
Total Svoc :				8,650.00				
P4722-03	WC-1(0-6)	SOIL	1H-Cyclopropa[l]phenanthrene,1a *	490.000	J	0	0	ug/Kg
P4722-03	WC-1(0-6)	SOIL	4H-Cyclopenta[def]phenanthrene *	310.000	J	0	0	ug/Kg
P4722-03	WC-1(0-6)	SOIL	Benzophenone *	150.000	J	0	0	ug/Kg
Total Tics :				950.00				
Total Concentration:				9,600.00				
Client ID : WC-2(0-6)								
P4722-08	WC-2(0-6)	SOIL	Naphthalene	160.000	J	91.5	190	ug/Kg
P4722-08	WC-2(0-6)	SOIL	Acenaphthylene	140.000	J	95.8	190	ug/Kg
P4722-08	WC-2(0-6)	SOIL	Acenaphthene	250.000		89.8	190	ug/Kg
P4722-08	WC-2(0-6)	SOIL	Dibenzofuran	150.000	J	93.5	190	ug/Kg
P4722-08	WC-2(0-6)	SOIL	Fluorene	210.000		94.7	190	ug/Kg
P4722-08	WC-2(0-6)	SOIL	Phenanthrene	2,200.000		93	190	ug/Kg
P4722-08	WC-2(0-6)	SOIL	Anthracene	600.000		93.5	190	ug/Kg
P4722-08	WC-2(0-6)	SOIL	Carbazole	220.000		88.9	190	ug/Kg
P4722-08	WC-2(0-6)	SOIL	Fluoranthene	3,000.000	E	90.5	190	ug/Kg
P4722-08	WC-2(0-6)	SOIL	Pyrene	2,300.000		91.9	190	ug/Kg
P4722-08	WC-2(0-6)	SOIL	Benzo(a)anthracene	1,600.000		89.4	190	ug/Kg
P4722-08	WC-2(0-6)	SOIL	Chrysene	1,400.000		88	190	ug/Kg
P4722-08	WC-2(0-6)	SOIL	Benzo(b)fluoranthene	2,000.000		89.8	190	ug/Kg
P4722-08	WC-2(0-6)	SOIL	Benzo(k)fluoranthene	620.000		91.5	190	ug/Kg
P4722-08	WC-2(0-6)	SOIL	Benzo(a)pyrene	1,600.000		100	190	ug/Kg
P4722-08	WC-2(0-6)	SOIL	Indeno(1,2,3-cd)pyrene	770.000		86.5	190	ug/Kg
P4722-08	WC-2(0-6)	SOIL	Dibenzo(a,h)anthracene	260.000		89.9	190	ug/Kg
P4722-08	WC-2(0-6)	SOIL	Benzo(g,h,i)perylene	930.000		88.7	190	ug/Kg
Total Svoc :				18,410.00				

Hit Summary Sheet SW-846

SDG No.: P4722

Client: Walsh Construction Company II, LLC

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4722-08	WC-2(0-6)	SOIL	Cyclopenta(def)phenanthrenone	* 180.000	J	0	0	ug/Kg
P4722-08	WC-2(0-6)	SOIL	Dibenzothiophene	* 130.000	J	0	0	ug/Kg
P4722-08	WC-2(0-6)	SOIL	Fluoranthene, 2-methyl-	* 140.000	J	0	0	ug/Kg
P4722-08	WC-2(0-6)	SOIL	Naphthalene, 2-phenyl-	* 180.000	J	0	0	ug/Kg
P4722-08	WC-2(0-6)	SOIL	Perylene	* 1,000.000	J	0	0	ug/Kg
P4722-08	WC-2(0-6)	SOIL	Phenanthrene, 2,3-dimethyl-	* 200.000	J	0	0	ug/Kg
P4722-08	WC-2(0-6)	SOIL	Phenanthrene, 2-methyl-	* 220.000	J	0	0	ug/Kg
P4722-08	WC-2(0-6)	SOIL	Pyrene, 1-methyl-	* 100.000	J	0	0	ug/Kg
P4722-08	WC-2(0-6)	SOIL	unknown12.498	* 160.000	J	0	0	ug/Kg
P4722-08	WC-2(0-6)	SOIL	11H-Benzo[a]fluoren-11-one	* 160.000	J	0	0	ug/Kg
P4722-08	WC-2(0-6)	SOIL	1H-Cyclopropa[l]phenanthrene, 1a	* 640.000	J	0	0	ug/Kg
P4722-08	WC-2(0-6)	SOIL	1H-Indene, 2-phenyl-	* 150.000	J	0	0	ug/Kg
P4722-08	WC-2(0-6)	SOIL	2-Pentanone, 4-hydroxy-4-methyl	* 110.000	AB	0	0	ug/Kg
P4722-08	WC-2(0-6)	SOIL	4H-Cyclopenta[def]phenanthrene	* 590.000	J	0	0	ug/Kg
P4722-08	WC-2(0-6)	SOIL	4-Methylcarbazole	* 98.900	J	0	0	ug/Kg
P4722-08	WC-2(0-6)	SOIL	9H-Fluoren-9-one	* 97.800	J	0	0	ug/Kg
P4722-08	WC-2(0-6)	SOIL	9H-Fluorene, 1-methyl-	* 99.300	J	0	0	ug/Kg
P4722-08	WC-2(0-6)	SOIL	Benzo[e]pyrene	* 260.000	J	0	0	ug/Kg
P4722-08	WC-2(0-6)	SOIL	Benzophenone	* 230.000	J	0	0	ug/Kg
P4722-08	WC-2(0-6)	SOIL	Butane, 2-methoxy-2-methyl-	* 2,700.000	J	0	0	ug/Kg

Total Tics : 7,446.00

Total Concentration: 25,856.00

Client ID : WC-2(0-6)DL

P4722-08DL	WC-2(0-6)DL	SOIL	Acenaphthene	250.000	JD	180	380	ug/Kg
P4722-08DL	WC-2(0-6)DL	SOIL	Fluorene	200.000	JD	190	380	ug/Kg
P4722-08DL	WC-2(0-6)DL	SOIL	Phenanthrene	2,300.000	D	190	380	ug/Kg
P4722-08DL	WC-2(0-6)DL	SOIL	Anthracene	590.000	D	190	380	ug/Kg
P4722-08DL	WC-2(0-6)DL	SOIL	Carbazole	210.000	JD	180	380	ug/Kg
P4722-08DL	WC-2(0-6)DL	SOIL	Fluoranthene	3,000.000	D	180	380	ug/Kg
P4722-08DL	WC-2(0-6)DL	SOIL	Pyrene	2,400.000	D	180	380	ug/Kg
P4722-08DL	WC-2(0-6)DL	SOIL	Benzo(a)anthracene	1,600.000	D	180	380	ug/Kg
P4722-08DL	WC-2(0-6)DL	SOIL	Chrysene	1,500.000	D	180	380	ug/Kg
P4722-08DL	WC-2(0-6)DL	SOIL	Benzo(b)fluoranthene	2,000.000	D	180	380	ug/Kg
P4722-08DL	WC-2(0-6)DL	SOIL	Benzo(k)fluoranthene	620.000	D	180	380	ug/Kg
P4722-08DL	WC-2(0-6)DL	SOIL	Benzo(a)pyrene	1,600.000	D	210	380	ug/Kg
P4722-08DL	WC-2(0-6)DL	SOIL	Indeno(1,2,3-cd)pyrene	800.000	D	170	380	ug/Kg
P4722-08DL	WC-2(0-6)DL	SOIL	Dibenzo(a,h)anthracene	230.000	JD	180	380	ug/Kg
P4722-08DL	WC-2(0-6)DL	SOIL	Benzo(g,h,i)perylene	950.000	D	180	380	ug/Kg

Total Svoc : 18,250.00

Hit Summary Sheet
SW-846

SDG No.: P4722

Client: Walsh Construction Company II, LLC

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				18,250.00				
Client ID :	WC-3(0-6)							
P4722-13	WC-3(0-6)	SOIL	Phenanthrene	2,700.000		480	980	ug/Kg
P4722-13	WC-3(0-6)	SOIL	Anthracene	610.000	J	490	980	ug/Kg
P4722-13	WC-3(0-6)	SOIL	Fluoranthene	4,600.000		470	980	ug/Kg
P4722-13	WC-3(0-6)	SOIL	Pyrene	2,900.000		480	980	ug/Kg
P4722-13	WC-3(0-6)	SOIL	Benzo(a)anthracene	2,700.000		470	980	ug/Kg
P4722-13	WC-3(0-6)	SOIL	Chrysene	2,200.000		460	980	ug/Kg
P4722-13	WC-3(0-6)	SOIL	Benzo(b)fluoranthene	3,200.000		470	980	ug/Kg
P4722-13	WC-3(0-6)	SOIL	Benzo(k)fluoranthene	1,100.000		480	980	ug/Kg
P4722-13	WC-3(0-6)	SOIL	Benzo(a)pyrene	2,400.000		540	980	ug/Kg
P4722-13	WC-3(0-6)	SOIL	Indeno(1,2,3-cd)pyrene	990.000		450	980	ug/Kg
P4722-13	WC-3(0-6)	SOIL	Benzo(g,h,i)perylene	1,000.000		460	980	ug/Kg
Total Svoc :				24,400.00				
P4722-13	WC-3(0-6)	SOIL	11H-Benzo[a]fluorene	* 540.000	J	0	0	ug/Kg
P4722-13	WC-3(0-6)	SOIL	1H-Cyclopropa[1]phenanthrene,1a	* 680.000	J	0	0	ug/Kg
P4722-13	WC-3(0-6)	SOIL	4H-Cyclopenta[def]phenanthrene	* 970.000	J	0	0	ug/Kg
P4722-13	WC-3(0-6)	SOIL	Anthracene, 2-methyl-	* 440.000	J	0	0	ug/Kg
P4722-13	WC-3(0-6)	SOIL	Phenanthrene, 2,5-dimethyl-	* 390.000	J	0	0	ug/Kg
P4722-13	WC-3(0-6)	SOIL	Pyrene, 1-methyl-	* 430.000	J	0	0	ug/Kg
Total Tics :				3,450.00				
Total Concentration:				27,850.00				



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

Hit Summary Sheet SW-846

SDG No.: P4722
Client: Walsh Construction Company II, LLC

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



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Hit Summary Sheet
SW-846

SDG No.: P4722
Client: Walsh Construction Company II, LLC

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : WC-2(0-6)								
P4722-10	WC-2(0-6)	WATER	Pentachlorophenol	9.800	J	1.9	10	ug/L
P4722-10	WC-2(0-6)	WATER	2,3,4,6-Tetrachlorophenol	2.200	J	0.79	5	ug/L
Total Svoc :				12.00				
Total Concentration:				12.00				

Hit Summary Sheet
SW-846

SDG No.: P4722

Order ID: P4722

Client: Walsh Construction Company II, LLC

Project ID: NYCDEP C547A - Shafts 17B-1 & 18B

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : WC-1(0-6)								
P4722-03	WC-1(0-6)	SOIL	4,4-DDE	2.40	JP	1.40	18.1	ug/kg
P4722-03	WC-1(0-6)	SOIL	4,4-DDD	4.20	J	2.00	18.1	ug/kg
Total Concentration:				6.600				
Client ID : WC-2(0-6)								
P4722-08	WC-2(0-6)	SOIL	Endosulfan Sulfate	0.80	J	0.14	1.90	ug/kg
Total Concentration:				0.800				



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Project ID: NYCDEP C547A - Shafts 17B-1 & 18B

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

Total Concentration: 0.000



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Project ID: NYCDEP C547A - Shafts 17B-1 & 18B

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.: P4722

Order ID: P4722

Client: Walsh Construction Company II, LLC

Project ID: NYCDEP C547A - Shafts 17B-1 & 18B

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : WC-1(0-6)								
P4722-03	WC-1(0-6)	SOIL	Aroclor-1254	60.7	P	2.90	18.1	ug/kg
P4722-03	WC-1(0-6)	SOIL	Aroclor-1260	54.7		3.10	18.1	ug/kg
Total Concentration:				115.400				
Client ID : WC-2(0-6)								
P4722-08	WC-2(0-6)	SOIL	Aroclor-1254	41.7		3.00	18.8	ug/kg
P4722-08	WC-2(0-6)	SOIL	Aroclor-1260	43.2		3.20	18.8	ug/kg
Total Concentration:				84.900				
Client ID : WC-3(0-6)								
P4722-13	WC-3(0-6)	SOIL	Aroclor-1254	116		3.20	19.6	ug/kg
P4722-13	WC-3(0-6)	SOIL	Aroclor-1260	78.8		3.40	19.6	ug/kg
Total Concentration:				194.800				



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Project ID: NYCDEP C547A - Shafts 17B-1 & 18B

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

Total Concentration: 0.000



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Hit Summary Sheet
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SDG No.: P4722

Order ID: P4722

Client: Walsh Construction Company II, LLC

Project ID: NYCDEP C547A - Shafts 17B-1 & 18B

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

Total Concentration: 0.000



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Hit Summary Sheet
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SDG No.: P4722

Order ID: P4722

Client: Walsh Construction Company II, LLC

Project ID: NYCDEP C547A - Shafts 17B-1 & 18B

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.: P4722

Order ID: P4722

Client: Walsh Construction Company II, LLC

Project ID: NYCDEP C547A - Shafts 17B-1 & 18B-1

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : WC-1(0-6)								
P4722-03	WC-1(0-6)	SOIL	Aluminum	5600		2.16	4.48	mg/Kg
P4722-03	WC-1(0-6)	SOIL	Antimony	2.77		0.13	2.24	mg/Kg
P4722-03	WC-1(0-6)	SOIL	Arsenic	5.57		0.26	0.90	mg/Kg
P4722-03	WC-1(0-6)	SOIL	Barium	160		0.57	4.48	mg/Kg
P4722-03	WC-1(0-6)	SOIL	Beryllium	0.86		0.011	0.27	mg/Kg
P4722-03	WC-1(0-6)	SOIL	Cadmium	10.4		0.014	0.27	mg/Kg
P4722-03	WC-1(0-6)	SOIL	Calcium	29600		2.51	89.6	mg/Kg
P4722-03	WC-1(0-6)	SOIL	Chromium	65.5		0.048	0.45	mg/Kg
P4722-03	WC-1(0-6)	SOIL	Cobalt	101		0.052	1.34	mg/Kg
P4722-03	WC-1(0-6)	SOIL	Copper	797		0.42	0.90	mg/Kg
P4722-03	WC-1(0-6)	SOIL	Iron	69700	D	12.0	22.4	mg/Kg
P4722-03	WC-1(0-6)	SOIL	Lead	305		0.13	0.54	mg/Kg
P4722-03	WC-1(0-6)	SOIL	Magnesium	12300		3.07	89.6	mg/Kg
P4722-03	WC-1(0-6)	SOIL	Manganese	229		0.064	0.90	mg/Kg
P4722-03	WC-1(0-6)	SOIL	Mercury	0.20		0.0070	0.015	mg/Kg
P4722-03	WC-1(0-6)	SOIL	Nickel	21.6		0.081	1.79	mg/Kg
P4722-03	WC-1(0-6)	SOIL	Potassium	1150		25.7	89.6	mg/Kg
P4722-03	WC-1(0-6)	SOIL	Sodium	1240		32.3	89.6	mg/Kg
P4722-03	WC-1(0-6)	SOIL	Thallium	3.78		0.39	1.79	mg/Kg
P4722-03	WC-1(0-6)	SOIL	Vanadium	32.8		0.24	1.79	mg/Kg
P4722-03	WC-1(0-6)	SOIL	Zinc	1030		0.099	1.79	mg/Kg
Client ID : WC-2(0-6)								
P4722-08	WC-2(0-6)	SOIL	Aluminum	7170		2.35	4.87	mg/Kg
P4722-08	WC-2(0-6)	SOIL	Antimony	7.41		0.15	2.43	mg/Kg
P4722-08	WC-2(0-6)	SOIL	Arsenic	18.4		0.28	0.97	mg/Kg
P4722-08	WC-2(0-6)	SOIL	Barium	862		0.62	4.87	mg/Kg
P4722-08	WC-2(0-6)	SOIL	Beryllium	0.84		0.012	0.29	mg/Kg
P4722-08	WC-2(0-6)	SOIL	Cadmium	7.47		0.016	0.29	mg/Kg
P4722-08	WC-2(0-6)	SOIL	Calcium	30500		2.73	97.4	mg/Kg
P4722-08	WC-2(0-6)	SOIL	Chromium	79.3		0.053	0.49	mg/Kg
P4722-08	WC-2(0-6)	SOIL	Cobalt	58.6		0.056	1.46	mg/Kg
P4722-08	WC-2(0-6)	SOIL	Copper	696		0.46	0.97	mg/Kg
P4722-08	WC-2(0-6)	SOIL	Iron	42400		2.62	4.87	mg/Kg
P4722-08	WC-2(0-6)	SOIL	Lead	1170		0.15	0.58	mg/Kg
P4722-08	WC-2(0-6)	SOIL	Magnesium	5640		3.34	97.4	mg/Kg
P4722-08	WC-2(0-6)	SOIL	Manganese	305		0.069	0.97	mg/Kg
P4722-08	WC-2(0-6)	SOIL	Mercury	0.040		0.0060	0.015	mg/Kg

Hit Summary Sheet
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SDG No.: P4722

Order ID: P4722

Client: Walsh Construction Company II, LLC

Project ID: NYCDEP C547A - Shafts 17B-1 & 18B-1

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4722-08	WC-2(0-6)	SOIL	Nickel	23.9		0.088	1.95	mg/Kg
P4722-08	WC-2(0-6)	SOIL	Potassium	1080		27.9	97.4	mg/Kg
P4722-08	WC-2(0-6)	SOIL	Silver	0.52		0.051	0.49	mg/Kg
P4722-08	WC-2(0-6)	SOIL	Sodium	1490		35.1	97.4	mg/Kg
P4722-08	WC-2(0-6)	SOIL	Thallium	2.86		0.43	1.95	mg/Kg
P4722-08	WC-2(0-6)	SOIL	Vanadium	25.7		0.26	1.95	mg/Kg
P4722-08	WC-2(0-6)	SOIL	Zinc	1150		0.11	1.95	mg/Kg
Client ID : WC-3(0-6)								
P4722-13	WC-3(0-6)	SOIL	Aluminum	5780		2.35	4.87	mg/Kg
P4722-13	WC-3(0-6)	SOIL	Antimony	1.20	J	0.15	2.44	mg/Kg
P4722-13	WC-3(0-6)	SOIL	Arsenic	8.50		0.28	0.97	mg/Kg
P4722-13	WC-3(0-6)	SOIL	Barium	238		0.62	4.87	mg/Kg
P4722-13	WC-3(0-6)	SOIL	Beryllium	0.49		0.012	0.29	mg/Kg
P4722-13	WC-3(0-6)	SOIL	Cadmium	3.89		0.016	0.29	mg/Kg
P4722-13	WC-3(0-6)	SOIL	Calcium	18100		2.73	97.4	mg/Kg
P4722-13	WC-3(0-6)	SOIL	Chromium	18.2		0.053	0.49	mg/Kg
P4722-13	WC-3(0-6)	SOIL	Cobalt	8.42		0.057	1.46	mg/Kg
P4722-13	WC-3(0-6)	SOIL	Copper	148		0.46	0.97	mg/Kg
P4722-13	WC-3(0-6)	SOIL	Iron	20100		2.62	4.87	mg/Kg
P4722-13	WC-3(0-6)	SOIL	Lead	468		0.15	0.59	mg/Kg
P4722-13	WC-3(0-6)	SOIL	Magnesium	4310		3.34	97.4	mg/Kg
P4722-13	WC-3(0-6)	SOIL	Manganese	203		0.069	0.97	mg/Kg
P4722-13	WC-3(0-6)	SOIL	Mercury	0.42		0.0060	0.014	mg/Kg
P4722-13	WC-3(0-6)	SOIL	Nickel	21.3		0.088	1.95	mg/Kg
P4722-13	WC-3(0-6)	SOIL	Potassium	962		28.0	97.4	mg/Kg
P4722-13	WC-3(0-6)	SOIL	Silver	0.50		0.051	0.49	mg/Kg
P4722-13	WC-3(0-6)	SOIL	Sodium	813		35.2	97.4	mg/Kg
P4722-13	WC-3(0-6)	SOIL	Vanadium	21.7		0.26	1.95	mg/Kg
P4722-13	WC-3(0-6)	SOIL	Zinc	521		0.11	1.95	mg/Kg



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SDG No.: P4722 **Order ID:** P4722
Client: Walsh Construction Company II, LLC **Project ID:** NYCDEP C547A - Shafts 17B-1 & 18B-1

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : WC-1(0-6)								
P4722-05	WC-1(0-6)	Water	Aluminum	155		28.3	50.0	ug/L
P4722-05	WC-1(0-6)	Water	Antimony	3.34	J	2.06	25.0	ug/L
P4722-05	WC-1(0-6)	Water	Barium	109		6.28	50.0	ug/L
P4722-05	WC-1(0-6)	Water	Cadmium	0.21	J	0.094	3.00	ug/L
P4722-05	WC-1(0-6)	Water	Calcium	158000		33.0	1000	ug/L
P4722-05	WC-1(0-6)	Water	Chromium	4.63	J	0.66	5.00	ug/L
P4722-05	WC-1(0-6)	Water	Cobalt	1.75	J	0.50	15.0	ug/L
P4722-05	WC-1(0-6)	Water	Copper	7.87	J	7.07	10.0	ug/L
P4722-05	WC-1(0-6)	Water	Iron	363		18.5	50.0	ug/L
P4722-05	WC-1(0-6)	Water	Lead	6.83		3.51	6.00	ug/L
P4722-05	WC-1(0-6)	Water	Magnesium	6200		39.4	1000	ug/L
P4722-05	WC-1(0-6)	Water	Manganese	321		1.46	10.0	ug/L
P4722-05	WC-1(0-6)	Water	Nickel	2.99	J	0.85	20.0	ug/L
P4722-05	WC-1(0-6)	Water	Potassium	4180		685	1000	ug/L
P4722-05	WC-1(0-6)	Water	Sodium	10400		237	1000	ug/L
P4722-05	WC-1(0-6)	Water	Zinc	67.9		1.75	20.0	ug/L
Client ID : WC-2(0-6)								
P4722-10	WC-2(0-6)	Water	Antimony	3.41	J	2.06	25.0	ug/L
P4722-10	WC-2(0-6)	Water	Barium	77.7		6.28	50.0	ug/L
P4722-10	WC-2(0-6)	Water	Cadmium	0.32	J	0.094	3.00	ug/L
P4722-10	WC-2(0-6)	Water	Calcium	144000		33.0	1000	ug/L
P4722-10	WC-2(0-6)	Water	Chromium	2.26	J	0.66	5.00	ug/L
P4722-10	WC-2(0-6)	Water	Copper	8.17	J	7.07	10.0	ug/L
P4722-10	WC-2(0-6)	Water	Iron	38.2	J	18.5	50.0	ug/L
P4722-10	WC-2(0-6)	Water	Lead	14.2		3.51	6.00	ug/L
P4722-10	WC-2(0-6)	Water	Magnesium	3820		39.4	1000	ug/L
P4722-10	WC-2(0-6)	Water	Manganese	14.7		1.46	10.0	ug/L
P4722-10	WC-2(0-6)	Water	Nickel	1.21	J	0.85	20.0	ug/L
P4722-10	WC-2(0-6)	Water	Potassium	3270		685	1000	ug/L
P4722-10	WC-2(0-6)	Water	Sodium	17300		237	1000	ug/L
P4722-10	WC-2(0-6)	Water	Zinc	157		1.75	20.0	ug/L
Client ID : WC-3(0-6)								
P4722-15	WC-3(0-6)	Water	Aluminum	29.5	J	28.3	50.0	ug/L
P4722-15	WC-3(0-6)	Water	Antimony	2.70	J	2.06	25.0	ug/L
P4722-15	WC-3(0-6)	Water	Barium	76.6		6.28	50.0	ug/L
P4722-15	WC-3(0-6)	Water	Cadmium	0.32	J	0.094	3.00	ug/L

Hit Summary Sheet
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SDG No.: P4722

Order ID: P4722

Client: Walsh Construction Company II, LLC

Project ID: NYCDEP C547A - Shafts 17B-1 & 18B-1 S

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4722-15	WC-3(0-6)	Water	Calcium	167000		33.0	1000	ug/L
P4722-15	WC-3(0-6)	Water	Chromium	1.28	J	0.66	5.00	ug/L
P4722-15	WC-3(0-6)	Water	Copper	10.4		7.07	10.0	ug/L
P4722-15	WC-3(0-6)	Water	Iron	96.2		18.5	50.0	ug/L
P4722-15	WC-3(0-6)	Water	Lead	12.8		3.51	6.00	ug/L
P4722-15	WC-3(0-6)	Water	Magnesium	6910		39.4	1000	ug/L
P4722-15	WC-3(0-6)	Water	Manganese	21.7		1.46	10.0	ug/L
P4722-15	WC-3(0-6)	Water	Nickel	3.85	J	0.85	20.0	ug/L
P4722-15	WC-3(0-6)	Water	Potassium	3330		685	1000	ug/L
P4722-15	WC-3(0-6)	Water	Sodium	19600		237	1000	ug/L
P4722-15	WC-3(0-6)	Water	Zinc	55.1		1.75	20.0	ug/L



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SDG No.: P4722

Order ID: P4722

Client: Walsh Construction Company II, LLC

Project ID: NYCDEP C547A - Shafts 17B-1 & 18B-1 S

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : WC-1(0-6)								
P4722-04	WC-1(0-6)	TCLP	Barium	992		62.8	500	ug/L
P4722-04	WC-1(0-6)	TCLP	Cadmium	9.53	J	0.94	30.0	ug/L
P4722-04	WC-1(0-6)	TCLP	Lead	1170		35.1	60.0	ug/L
Client ID : WC-2(0-6)								
P4722-09	WC-2(0-6)	TCLP	Barium	742		62.8	500	ug/L
P4722-09	WC-2(0-6)	TCLP	Cadmium	8.24	J	0.94	30.0	ug/L
P4722-09	WC-2(0-6)	TCLP	Lead	921		35.1	60.0	ug/L
Client ID : WC-3(0-6)								
P4722-14	WC-3(0-6)	TCLP	Barium	594		62.8	500	ug/L
P4722-14	WC-3(0-6)	TCLP	Cadmium	20.6	J	0.94	30.0	ug/L
P4722-14	WC-3(0-6)	TCLP	Lead	487		35.1	60.0	ug/L