

Hit Summary Sheet SW-846

SDG No.: P3671

Client: JACOBS Engineering Group, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : S-904-J-SO-0-0.5-081924								
P3671-01	S-904-J-SO-0-0.5-081924	SOIL	Acenaphthene	640.000		110	240	ug/Kg
P3671-01	S-904-J-SO-0-0.5-081924	SOIL	Dibenzofuran	420.000		120	240	ug/Kg
P3671-01	S-904-J-SO-0-0.5-081924	SOIL	Fluorene	790.000		120	240	ug/Kg
P3671-01	S-904-J-SO-0-0.5-081924	SOIL	Phenanthrene	6,100.000	E	120	240	ug/Kg
P3671-01	S-904-J-SO-0-0.5-081924	SOIL	Carbazole	920.000		110	240	ug/Kg
P3671-01	S-904-J-SO-0-0.5-081924	SOIL	Fluoranthene	5,900.000	E	110	240	ug/Kg
P3671-01	S-904-J-SO-0-0.5-081924	SOIL	Pyrene	5,300.000	E	120	240	ug/Kg
P3671-01	S-904-J-SO-0-0.5-081924	SOIL	Benzo(a)anthracene	3,000.000		110	240	ug/Kg
P3671-01	S-904-J-SO-0-0.5-081924	SOIL	Chrysene	3,100.000		110	240	ug/Kg
P3671-01	S-904-J-SO-0-0.5-081924	SOIL	Benzo(b)fluoranthene	3,400.000		110	240	ug/Kg
P3671-01	S-904-J-SO-0-0.5-081924	SOIL	Benzo(k)fluoranthene	1,200.000		120	240	ug/Kg
P3671-01	S-904-J-SO-0-0.5-081924	SOIL	Benzo(a)pyrene	2,800.000		130	240	ug/Kg
P3671-01	S-904-J-SO-0-0.5-081924	SOIL	Indeno(1,2,3-cd)pyrene	1,500.000		110	240	ug/Kg
P3671-01	S-904-J-SO-0-0.5-081924	SOIL	Dibenzo(a,h)anthracene	440.000		110	240	ug/Kg
P3671-01	S-904-J-SO-0-0.5-081924	SOIL	Benzo(g,h,i)perylene	1,700.000		110	240	ug/Kg
Total Svoc :				37,210.00				
Total Concentration:				37,210.00				
Client ID : S-904-J-SO-0-0.5-081924DL								
P3671-01DL	S-904-J-SO-0-0.5-081924	SOIL	Acenaphthene	790.000	JD	570	1200	ug/Kg
P3671-01DL	S-904-J-SO-0-0.5-081924	SOIL	Fluorene	930.000	JD	600	1200	ug/Kg
P3671-01DL	S-904-J-SO-0-0.5-081924	SOIL	Phenanthrene	8,200.000	D	590	1200	ug/Kg
P3671-01DL	S-904-J-SO-0-0.5-081924	SOIL	Carbazole	910.000	JD	560	1200	ug/Kg
P3671-01DL	S-904-J-SO-0-0.5-081924	SOIL	Fluoranthene	7,700.000	D	570	1200	ug/Kg
P3671-01DL	S-904-J-SO-0-0.5-081924	SOIL	Pyrene	7,300.000	D	580	1200	ug/Kg
P3671-01DL	S-904-J-SO-0-0.5-081924	SOIL	Benzo(a)anthracene	3,700.000	D	570	1200	ug/Kg
P3671-01DL	S-904-J-SO-0-0.5-081924	SOIL	Chrysene	3,700.000	D	560	1200	ug/Kg
P3671-01DL	S-904-J-SO-0-0.5-081924	SOIL	Benzo(b)fluoranthene	3,800.000	D	570	1200	ug/Kg
P3671-01DL	S-904-J-SO-0-0.5-081924	SOIL	Benzo(k)fluoranthene	1,400.000	D	580	1200	ug/Kg
P3671-01DL	S-904-J-SO-0-0.5-081924	SOIL	Benzo(a)pyrene	3,300.000	D	650	1200	ug/Kg
P3671-01DL	S-904-J-SO-0-0.5-081924	SOIL	Indeno(1,2,3-cd)pyrene	1,500.000	D	550	1200	ug/Kg
P3671-01DL	S-904-J-SO-0-0.5-081924	SOIL	Benzo(g,h,i)perylene	2,100.000	D	560	1200	ug/Kg
Total Svoc :				45,330.00				
Total Concentration:				45,330.00				
Client ID : S-904-J-SO-0.5-1.0-081924								
P3671-02	S-904-J-SO-0.5-1.0-0819	SOIL	Acenaphthene	210.000		100	210	ug/Kg
P3671-02	S-904-J-SO-0.5-1.0-0819	SOIL	Dibenzofuran	110.000	J	110	210	ug/Kg

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SDG No.: P3671
Client: JACOBS Engineering Group, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3671-02	S-904-J-SO-0.5-1.0-0819	SOIL	Fluorene	230.000		110	210	ug/Kg
P3671-02	S-904-J-SO-0.5-1.0-0819	SOIL	Phenanthrene	2,300.000		110	210	ug/Kg
P3671-02	S-904-J-SO-0.5-1.0-0819	SOIL	Carbazole	290.000		100	210	ug/Kg
P3671-02	S-904-J-SO-0.5-1.0-0819	SOIL	Fluoranthene	3,100.000		100	210	ug/Kg
P3671-02	S-904-J-SO-0.5-1.0-0819	SOIL	Pyrene	2,800.000		100	210	ug/Kg
P3671-02	S-904-J-SO-0.5-1.0-0819	SOIL	Benzo(a)anthracene	1,700.000		100	210	ug/Kg
P3671-02	S-904-J-SO-0.5-1.0-0819	SOIL	Chrysene	2,100.000		99.5	210	ug/Kg
P3671-02	S-904-J-SO-0.5-1.0-0819	SOIL	Benzo(b)fluoranthene	1,800.000		100	210	ug/Kg
P3671-02	S-904-J-SO-0.5-1.0-0819	SOIL	Benzo(k)fluoranthene	670.000		100	210	ug/Kg
P3671-02	S-904-J-SO-0.5-1.0-0819	SOIL	Benzo(a)pyrene	1,600.000		120	210	ug/Kg
P3671-02	S-904-J-SO-0.5-1.0-0819	SOIL	Indeno(1,2,3-cd)pyrene	800.000		97.8	210	ug/Kg
P3671-02	S-904-J-SO-0.5-1.0-0819	SOIL	Dibenzo(a,h)anthracene	270.000		100	210	ug/Kg
P3671-02	S-904-J-SO-0.5-1.0-0819	SOIL	Benzo(g,h,i)perylene	970.000		100	210	ug/Kg

Total Svoc : **18,950.00**
Total Concentration: **18,950.00**

Client ID : S-911-K1-SO-0-0.5-081924-FD

P3671-05	S-911-K1-SO-0-0.5-0819	SOIL	Fluoranthene	410.000	J	230	490	ug/Kg
P3671-05	S-911-K1-SO-0-0.5-0819	SOIL	Pyrene	350.000	J	240	490	ug/Kg
P3671-05	S-911-K1-SO-0-0.5-0819	SOIL	Chrysene	240.000	J	230	490	ug/Kg
P3671-05	S-911-K1-SO-0-0.5-0819	SOIL	Benzo(b)fluoranthene	300.000	J	230	490	ug/Kg

Total Svoc : **1,300.00**
Total Concentration: **1,300.00**

Client ID : S-905-KJ-SO-0-0.5-081924

P3671-06	S-905-KJ-SO-0-0.5-0819	SOIL	Phenanthrene	750.000		110	220	ug/Kg
P3671-06	S-905-KJ-SO-0-0.5-0819	SOIL	Fluoranthene	1,100.000		100	220	ug/Kg
P3671-06	S-905-KJ-SO-0-0.5-0819	SOIL	Pyrene	830.000		110	220	ug/Kg
P3671-06	S-905-KJ-SO-0-0.5-0819	SOIL	Benzo(a)anthracene	450.000		100	220	ug/Kg
P3671-06	S-905-KJ-SO-0-0.5-0819	SOIL	Chrysene	460.000		100	220	ug/Kg
P3671-06	S-905-KJ-SO-0-0.5-0819	SOIL	Benzo(b)fluoranthene	560.000		100	220	ug/Kg
P3671-06	S-905-KJ-SO-0-0.5-0819	SOIL	Benzo(k)fluoranthene	210.000	J	110	220	ug/Kg
P3671-06	S-905-KJ-SO-0-0.5-0819	SOIL	Benzo(a)pyrene	460.000		120	220	ug/Kg
P3671-06	S-905-KJ-SO-0-0.5-0819	SOIL	Indeno(1,2,3-cd)pyrene	230.000		99.8	220	ug/Kg
P3671-06	S-905-KJ-SO-0-0.5-0819	SOIL	Benzo(g,h,i)perylene	270.000		100	220	ug/Kg

Total Svoc : **5,320.00**
Total Concentration: **5,320.00**

Client ID : S-905-KJ-SO-0-0.5-081924-FD

P3671-07	S-905-KJ-SO-0-0.5-0819	SOIL	Phenanthrene	290.000		110	220	ug/Kg
P3671-07	S-905-KJ-SO-0-0.5-0819	SOIL	Fluoranthene	820.000		110	220	ug/Kg
P3671-07	S-905-KJ-SO-0-0.5-0819	SOIL	Pyrene	710.000		110	220	ug/Kg

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SDG No.: P3671

Client: JACOBS Engineering Group, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3671-07	S-905-KJ-SO-0-0.5-0819	SOIL	Benzo(a)anthracene	540.000		110	220	ug/Kg
P3671-07	S-905-KJ-SO-0-0.5-0819	SOIL	Chrysene	500.000		100	220	ug/Kg
P3671-07	S-905-KJ-SO-0-0.5-0819	SOIL	Benzo(b)fluoranthene	700.000		110	220	ug/Kg
P3671-07	S-905-KJ-SO-0-0.5-0819	SOIL	Benzo(k)fluoranthene	210.000	J	110	220	ug/Kg
P3671-07	S-905-KJ-SO-0-0.5-0819	SOIL	Benzo(a)pyrene	530.000		120	220	ug/Kg
P3671-07	S-905-KJ-SO-0-0.5-0819	SOIL	Indeno(1,2,3-cd)pyrene	240.000		100	220	ug/Kg
P3671-07	S-905-KJ-SO-0-0.5-0819	SOIL	Benzo(g,h,i)perylene	250.000		100	220	ug/Kg

Total Svoc : 4,790.00

Total Concentration: 4,790.00

Client ID : S-905-J-SO-0.5-1.0-081924

P3671-08	S-905-J-SO-0.5-1.0-0819	SOIL	Acenaphthene	110.000	J	98.7	210	ug/Kg
P3671-08	S-905-J-SO-0.5-1.0-0819	SOIL	Phenanthrene	770.000		100	210	ug/Kg
P3671-08	S-905-J-SO-0.5-1.0-0819	SOIL	Fluoranthene	1,800.000		99.4	210	ug/Kg
P3671-08	S-905-J-SO-0.5-1.0-0819	SOIL	Pyrene	1,600.000		100	210	ug/Kg
P3671-08	S-905-J-SO-0.5-1.0-0819	SOIL	Benzo(a)anthracene	1,300.000		98.2	210	ug/Kg
P3671-08	S-905-J-SO-0.5-1.0-0819	SOIL	Chrysene	1,100.000		96.8	210	ug/Kg
P3671-08	S-905-J-SO-0.5-1.0-0819	SOIL	Benzo(b)fluoranthene	1,400.000		98.7	210	ug/Kg
P3671-08	S-905-J-SO-0.5-1.0-0819	SOIL	Benzo(k)fluoranthene	610.000		100	210	ug/Kg
P3671-08	S-905-J-SO-0.5-1.0-0819	SOIL	Benzo(a)pyrene	1,200.000		110	210	ug/Kg
P3671-08	S-905-J-SO-0.5-1.0-0819	SOIL	Indeno(1,2,3-cd)pyrene	430.000		95.1	210	ug/Kg
P3671-08	S-905-J-SO-0.5-1.0-0819	SOIL	Dibenzo(a,h)anthracene	140.000	J	98.8	210	ug/Kg
P3671-08	S-905-J-SO-0.5-1.0-0819	SOIL	Benzo(g,h,i)perylene	450.000		97.5	210	ug/Kg

Total Svoc : 10,910.00

Total Concentration: 10,910.00

Client ID : S-903-J-SO-0-0.5-081924

P3671-11	S-903-J-SO-0-0.5-081924	SOIL	Phenanthrene	1,300.000		100	200	ug/Kg
P3671-11	S-903-J-SO-0-0.5-081924	SOIL	Carbazole	110.000	J	96.1	200	ug/Kg
P3671-11	S-903-J-SO-0-0.5-081924	SOIL	Fluoranthene	2,200.000		97.7	200	ug/Kg
P3671-11	S-903-J-SO-0-0.5-081924	SOIL	Pyrene	1,800.000		99.3	200	ug/Kg
P3671-11	S-903-J-SO-0-0.5-081924	SOIL	Benzo(a)anthracene	840.000		96.6	200	ug/Kg
P3671-11	S-903-J-SO-0-0.5-081924	SOIL	Chrysene	1,000.000		95.1	200	ug/Kg
P3671-11	S-903-J-SO-0-0.5-081924	SOIL	Benzo(b)fluoranthene	1,200.000		97	200	ug/Kg
P3671-11	S-903-J-SO-0-0.5-081924	SOIL	Benzo(k)fluoranthene	410.000		98.8	200	ug/Kg
P3671-11	S-903-J-SO-0-0.5-081924	SOIL	Benzo(a)pyrene	900.000		110	200	ug/Kg
P3671-11	S-903-J-SO-0-0.5-081924	SOIL	Indeno(1,2,3-cd)pyrene	520.000		93.4	200	ug/Kg
P3671-11	S-903-J-SO-0-0.5-081924	SOIL	Dibenzo(a,h)anthracene	150.000	J	97.1	200	ug/Kg
P3671-11	S-903-J-SO-0-0.5-081924	SOIL	Benzo(g,h,i)perylene	590.000		95.8	200	ug/Kg

Total Svoc : 11,020.00

Total Concentration: 11,020.00

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SDG No.: P3671

Client: JACOBS Engineering Group, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : S-903-J-SO-0.5-1.0-081924								
P3671-12	S-903-J-SO-0.5-1.0-0819	SOIL	Phenanthrene	230.000		97.9	200	ug/Kg
P3671-12	S-903-J-SO-0.5-1.0-0819	SOIL	Fluoranthene	510.000		95.2	200	ug/Kg
P3671-12	S-903-J-SO-0.5-1.0-0819	SOIL	Pyrene	360.000		96.7	200	ug/Kg
P3671-12	S-903-J-SO-0.5-1.0-0819	SOIL	Benzo(a)anthracene	190.000	J	94	200	ug/Kg
P3671-12	S-903-J-SO-0.5-1.0-0819	SOIL	Chrysene	210.000		92.6	200	ug/Kg
P3671-12	S-903-J-SO-0.5-1.0-0819	SOIL	Benzo(b)fluoranthene	250.000		94.5	200	ug/Kg
P3671-12	S-903-J-SO-0.5-1.0-0819	SOIL	Benzo(k)fluoranthene	130.000	J	96.2	200	ug/Kg
P3671-12	S-903-J-SO-0.5-1.0-0819	SOIL	Benzo(a)pyrene	200.000		110	200	ug/Kg
P3671-12	S-903-J-SO-0.5-1.0-0819	SOIL	Indeno(1,2,3-cd)pyrene	110.000	J	91	200	ug/Kg
P3671-12	S-903-J-SO-0.5-1.0-0819	SOIL	Benzo(g,h,i)perylene	220.000		93.3	200	ug/Kg
Total Svoc :				2,410.00				
Total Concentration:				2,410.00				



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-904-J-SO-0-0.5-081924	SDG No.:	P3671
Lab Sample ID:	P3671-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	71.3
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group5
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
BP021614.D	1	08/21/24 08:50	08/22/24 15:04	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
110-86-1	Pyridine	110	U	110	240	ug/Kg
100-52-7	Benzaldehyde	250	U	250	460	ug/Kg
95-48-7	2-Methylphenol	110	U	110	240	ug/Kg
98-86-2	Acetophenone	120	U	120	240	ug/Kg
65794-96-9	3+4-Methylphenols	110	U	110	460	ug/Kg
98-95-3	Nitrobenzene	130	U	130	240	ug/Kg
120-83-2	2,4-Dichlorophenol	110	U	110	240	ug/Kg
91-20-3	Naphthalene	120	U	120	240	ug/Kg
91-57-6	2-Methylnaphthalene	120	U	120	240	ug/Kg
88-06-2	2,4,6-Trichlorophenol	100	U	100	240	ug/Kg
95-95-4	2,4,5-Trichlorophenol	100	U	100	240	ug/Kg
208-96-8	Acenaphthylene	120	U	120	240	ug/Kg
83-32-9	Acenaphthene	640		110	240	ug/Kg
132-64-9	Dibenzofuran	420		120	240	ug/Kg
86-73-7	Fluorene	790		120	240	ug/Kg
118-74-1	Hexachlorobenzene	120	U	120	240	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	460	ug/Kg
85-01-8	Phenanthrene	6100	E	120	240	ug/Kg
86-74-8	Carbazole	920		110	240	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	240	ug/Kg
206-44-0	Fluoranthene	5900	E	110	240	ug/Kg
129-00-0	Pyrene	5300	E	120	240	ug/Kg
56-55-3	Benzo(a)anthracene	3000		110	240	ug/Kg
218-01-9	Chrysene	3100		110	240	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	240	ug/Kg
205-99-2	Benzo(b)fluoranthene	3400		110	240	ug/Kg
207-08-9	Benzo(k)fluoranthene	1200		120	240	ug/Kg
50-32-8	Benzo(a)pyrene	2800		130	240	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1500		110	240	ug/Kg

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-904-J-SO-0-0.5-081924	SDG No.:	P3671
Lab Sample ID:	P3671-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	71.3
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group5
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
BP021614.D	1	08/21/24 08:50	08/22/24 15:04	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
53-70-3	Dibenzo(a,h)anthracene	440		110	240	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1700		110	240	ug/Kg
123-91-1	1,4-Dioxane	150	U	150	240	ug/Kg
90-12-0	1-Methylnaphthalene	120	U	120	240	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	67.8		30 (18) - 130 (112)	45%	SPK: 150
13127-88-3	Phenol-d6	68.6		30 (15) - 130 (107)	46%	SPK: 150
4165-60-0	Nitrobenzene-d5	48.8		30 (18) - 130 (107)	49%	SPK: 100
321-60-8	2-Fluorobiphenyl	32.5		30 (20) - 130 (109)	32%	SPK: 100
118-79-6	2,4,6-Tribromophenol	83.5		30 (10) - 130 (116)	56%	SPK: 150
1718-51-0	Terphenyl-d14	31.3		30 (10) - 130 (105)	31%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	316000	7.799			
1146-65-2	Naphthalene-d8	1340000	10.587			
15067-26-2	Acenaphthene-d10	940000	14.451			
1517-22-2	Phenanthrene-d10	2170000	17.257			
1719-03-5	Chrysene-d12	1950000	21.733			
1520-96-3	Perylene-d12	2310000	25.156			

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:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-904-J-SO-0-0.5-081924DL	SDG No.:	P3671
Lab Sample ID:	P3671-01DL	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	71.3
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group5
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
BF139161.D	5	08/21/24 08:50	08/26/24 10:51	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
110-86-1	Pyridine	560	UD	560	1200	ug/Kg
100-52-7	Benzaldehyde	1300	UD	1300	2300	ug/Kg
95-48-7	2-Methylphenol	560	UD	560	1200	ug/Kg
98-86-2	Acetophenone	610	UD	610	1200	ug/Kg
65794-96-9	3+4-Methylphenols	560	UD	560	2300	ug/Kg
98-95-3	Nitrobenzene	640	UD	640	1200	ug/Kg
120-83-2	2,4-Dichlorophenol	530	UD	530	1200	ug/Kg
91-20-3	Naphthalene	580	UD	580	1200	ug/Kg
91-57-6	2-Methylnaphthalene	580	UD	580	1200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	500	UD	500	1200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	520	UD	520	1200	ug/Kg
208-96-8	Acenaphthylene	610	UD	610	1200	ug/Kg
83-32-9	Acenaphthene	790	JD	570	1200	ug/Kg
132-64-9	Dibenzofuran	590	UD	590	1200	ug/Kg
86-73-7	Fluorene	930	JD	600	1200	ug/Kg
118-74-1	Hexachlorobenzene	600	UD	600	1200	ug/Kg
87-86-5	Pentachlorophenol	540	UD	540	2300	ug/Kg
85-01-8	Phenanthrene	8200	D	590	1200	ug/Kg
86-74-8	Carbazole	910	JD	560	1200	ug/Kg
84-74-2	Di-n-butylphthalate	590	UD	590	1200	ug/Kg
206-44-0	Fluoranthene	7700	D	570	1200	ug/Kg
129-00-0	Pyrene	7300	D	580	1200	ug/Kg
56-55-3	Benzo(a)anthracene	3700	D	570	1200	ug/Kg
218-01-9	Chrysene	3700	D	560	1200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	640	UD	640	1200	ug/Kg
205-99-2	Benzo(b)fluoranthene	3800	D	570	1200	ug/Kg
207-08-9	Benzo(k)fluoranthene	1400	D	580	1200	ug/Kg
50-32-8	Benzo(a)pyrene	3300	D	650	1200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1500	D	550	1200	ug/Kg

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-904-J-SO-0-0.5-081924DL	SDG No.:	P3671
Lab Sample ID:	P3671-01DL	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	71.3
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group5
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
BF139161.D	5	08/21/24 08:50	08/26/24 10:51	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
53-70-3	Dibenzo(a,h)anthracene	570	UD	570	1200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2100	D	560	1200	ug/Kg
123-91-1	1,4-Dioxane	770	UD	770	1200	ug/Kg
90-12-0	1-Methylnaphthalene	580	UD	580	1200	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	73.3		30 (18) - 130 (112)	49%	SPK: 150
13127-88-3	Phenol-d6	77.7		30 (15) - 130 (107)	52%	SPK: 150
4165-60-0	Nitrobenzene-d5	64.4		30 (18) - 130 (107)	64%	SPK: 100
321-60-8	2-Fluorobiphenyl	45.1		30 (20) - 130 (109)	45%	SPK: 100
118-79-6	2,4,6-Tribromophenol	68.7		30 (10) - 130 (116)	46%	SPK: 150
1718-51-0	Terphenyl-d14	40.6		30 (10) - 130 (105)	41%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	92500	6.898			
1146-65-2	Naphthalene-d8	348000	8.181			
15067-26-2	Acenaphthene-d10	199000	9.933			
1517-22-2	Phenanthrene-d10	323000	11.422			
1719-03-5	Chrysene-d12	172000	14.057			
1520-96-3	Perylene-d12	177000	15.539			

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:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-904-J-SO-0.5-1.0-081924	SDG No.:	P3671
Lab Sample ID:	P3671-02	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	79.7
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group5
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
BP021620.D	1	08/21/24 08:50	08/22/24 19:23	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
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TARGETS

110-86-1	Pyridine	100	U	100	210	ug/Kg
100-52-7	Benzaldehyde	230	U	230	410	ug/Kg
95-48-7	2-Methylphenol	100	U	100	210	ug/Kg
98-86-2	Acetophenone	110	U	110	210	ug/Kg
65794-96-9	3+4-Methylphenols	99.9	U	99.9	410	ug/Kg
98-95-3	Nitrobenzene	110	U	110	210	ug/Kg
120-83-2	2,4-Dichlorophenol	94.5	U	94.5	210	ug/Kg
91-20-3	Naphthalene	100	U	100	210	ug/Kg
91-57-6	2-Methylnaphthalene	100	U	100	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	89.4	U	89.4	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	92.6	U	92.6	210	ug/Kg
208-96-8	Acenaphthylene	110	U	110	210	ug/Kg
83-32-9	Acenaphthene	210		100	210	ug/Kg
132-64-9	Dibenzofuran	110	J	110	210	ug/Kg
86-73-7	Fluorene	230		110	210	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	210	ug/Kg
87-86-5	Pentachlorophenol	96.8	U	96.8	410	ug/Kg
85-01-8	Phenanthrene	2300		110	210	ug/Kg
86-74-8	Carbazole	290		100	210	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	210	ug/Kg
206-44-0	Fluoranthene	3100		100	210	ug/Kg
129-00-0	Pyrene	2800		100	210	ug/Kg
56-55-3	Benzo(a)anthracene	1700		100	210	ug/Kg
218-01-9	Chrysene	2100		99.5	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	1800		100	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	670		100	210	ug/Kg
50-32-8	Benzo(a)pyrene	1600		120	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	800		97.8	210	ug/Kg

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-904-J-SO-0.5-1.0-081924	SDG No.:	P3671
Lab Sample ID:	P3671-02	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	79.7
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group5
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
BP021620.D	1	08/21/24 08:50	08/22/24 19:23	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
53-70-3	Dibenzo(a,h)anthracene	270		100	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	970		100	210	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	210	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	210	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	82.1		30 (18) - 130 (112)	55%	SPK: 150
13127-88-3	Phenol-d6	84.5		30 (15) - 130 (107)	56%	SPK: 150
4165-60-0	Nitrobenzene-d5	60.0		30 (18) - 130 (107)	60%	SPK: 100
321-60-8	2-Fluorobiphenyl	40.3		30 (20) - 130 (109)	40%	SPK: 100
118-79-6	2,4,6-Tribromophenol	101		30 (10) - 130 (116)	67%	SPK: 150
1718-51-0	Terphenyl-d14	42.2		30 (10) - 130 (105)	42%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	329000	7.799			
1146-65-2	Naphthalene-d8	1410000	10.587			
15067-26-2	Acenaphthene-d10	997000	14.439			
1517-22-2	Phenanthrene-d10	2290000	17.257			
1719-03-5	Chrysene-d12	1970000	21.721			
1520-96-3	Perylene-d12	2370000	25.168			

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:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-911-K1-SO-0-0.5-081924	SDG No.:	P3671
Lab Sample ID:	P3671-03	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	46.9
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group5
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
BM047320.D	1	08/21/24 08:50	08/22/24 17:10	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
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TARGETS

110-86-1	Pyridine	170	U	170	360	ug/Kg
100-52-7	Benzaldehyde	390	U	390	700	ug/Kg
95-48-7	2-Methylphenol	170	U	170	360	ug/Kg
98-86-2	Acetophenone	180	U	180	360	ug/Kg
65794-96-9	3+4-Methylphenols	170	U	170	700	ug/Kg
98-95-3	Nitrobenzene	190	U	190	360	ug/Kg
120-83-2	2,4-Dichlorophenol	160	U	160	360	ug/Kg
91-20-3	Naphthalene	180	U	180	360	ug/Kg
91-57-6	2-Methylnaphthalene	180	U	180	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	150	U	150	360	ug/Kg
95-95-4	2,4,5-Trichlorophenol	160	U	160	360	ug/Kg
208-96-8	Acenaphthylene	180	U	180	360	ug/Kg
83-32-9	Acenaphthene	170	U	170	360	ug/Kg
132-64-9	Dibenzofuran	180	U	180	360	ug/Kg
86-73-7	Fluorene	180	U	180	360	ug/Kg
118-74-1	Hexachlorobenzene	180	U	180	360	ug/Kg
87-86-5	Pentachlorophenol	160	U	160	700	ug/Kg
85-01-8	Phenanthrene	180	U	180	360	ug/Kg
86-74-8	Carbazole	170	U	170	360	ug/Kg
84-74-2	Di-n-butylphthalate	180	U	180	360	ug/Kg
206-44-0	Fluoranthene	170	U	170	360	ug/Kg
129-00-0	Pyrene	180	U	180	360	ug/Kg
56-55-3	Benzo(a)anthracene	170	U	170	360	ug/Kg
218-01-9	Chrysene	170	U	170	360	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	190	U	190	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	170	U	170	360	ug/Kg
207-08-9	Benzo(k)fluoranthene	180	U	180	360	ug/Kg
50-32-8	Benzo(a)pyrene	200	U	200	360	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	170	U	170	360	ug/Kg

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-911-K1-SO-0-0.5-081924	SDG No.:	P3671
Lab Sample ID:	P3671-03	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	46.9
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group5
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
BM047320.D	1	08/21/24 08:50	08/22/24 17:10	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
53-70-3	Dibenzo(a,h)anthracene	170	U	170	360	ug/Kg
191-24-2	Benzo(g,h,i)perylene	170	U	170	360	ug/Kg
123-91-1	1,4-Dioxane	230	U	230	360	ug/Kg
90-12-0	1-Methylnaphthalene	180	U	180	360	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	74.9		30 (18) - 130 (112)	50%	SPK: 150
13127-88-3	Phenol-d6	73.3		30 (15) - 130 (107)	49%	SPK: 150
4165-60-0	Nitrobenzene-d5	49.2		30 (18) - 130 (107)	49%	SPK: 100
321-60-8	2-Fluorobiphenyl	48.7		30 (20) - 130 (109)	49%	SPK: 100
118-79-6	2,4,6-Tribromophenol	83.8		30 (10) - 130 (116)	56%	SPK: 150
1718-51-0	Terphenyl-d14	56.0		30 (10) - 130 (105)	56%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	310000	7.351			
1146-65-2	Naphthalene-d8	1170000	10.104			
15067-26-2	Acenaphthene-d10	768000	14.01			
1517-22-2	Phenanthrene-d10	1590000	16.774			
1719-03-5	Chrysene-d12	1300000	21.015			
1520-96-3	Perylene-d12	1240000	23.709			

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:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-911-K1-SO-0.5-1-081924	SDG No.:	P3671
Lab Sample ID:	P3671-04	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	56
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group5
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
BM047321.D	1	08/21/24 08:50	08/22/24 17:50	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
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TARGETS

110-86-1	Pyridine	140	U	140	300	ug/Kg
100-52-7	Benzaldehyde	320	U	320	590	ug/Kg
95-48-7	2-Methylphenol	140	U	140	300	ug/Kg
98-86-2	Acetophenone	150	U	150	300	ug/Kg
65794-96-9	3+4-Methylphenols	140	U	140	590	ug/Kg
98-95-3	Nitrobenzene	160	U	160	300	ug/Kg
120-83-2	2,4-Dichlorophenol	130	U	130	300	ug/Kg
91-20-3	Naphthalene	150	U	150	300	ug/Kg
91-57-6	2-Methylnaphthalene	150	U	150	300	ug/Kg
88-06-2	2,4,6-Trichlorophenol	130	U	130	300	ug/Kg
95-95-4	2,4,5-Trichlorophenol	130	U	130	300	ug/Kg
208-96-8	Acenaphthylene	150	U	150	300	ug/Kg
83-32-9	Acenaphthene	140	U	140	300	ug/Kg
132-64-9	Dibenzofuran	150	U	150	300	ug/Kg
86-73-7	Fluorene	150	U	150	300	ug/Kg
118-74-1	Hexachlorobenzene	150	U	150	300	ug/Kg
87-86-5	Pentachlorophenol	140	U	140	590	ug/Kg
85-01-8	Phenanthrene	150	U	150	300	ug/Kg
86-74-8	Carbazole	140	U	140	300	ug/Kg
84-74-2	Di-n-butylphthalate	150	U	150	300	ug/Kg
206-44-0	Fluoranthene	150	U	150	300	ug/Kg
129-00-0	Pyrene	150	U	150	300	ug/Kg
56-55-3	Benzo(a)anthracene	140	U	140	300	ug/Kg
218-01-9	Chrysene	140	U	140	300	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	160	U	160	300	ug/Kg
205-99-2	Benzo(b)fluoranthene	140	U	140	300	ug/Kg
207-08-9	Benzo(k)fluoranthene	150	U	150	300	ug/Kg
50-32-8	Benzo(a)pyrene	170	U	170	300	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	140	U	140	300	ug/Kg

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-911-K1-SO-0.5-1-081924	SDG No.:	P3671
Lab Sample ID:	P3671-04	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	56
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group5
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
BM047321.D	1	08/21/24 08:50	08/22/24 17:50	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
53-70-3	Dibenzo(a,h)anthracene	140	U	140	300	ug/Kg
191-24-2	Benzo(g,h,i)perylene	140	U	140	300	ug/Kg
123-91-1	1,4-Dioxane	200	U	200	300	ug/Kg
90-12-0	1-Methylnaphthalene	150	U	150	300	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	73.0		30 (18) - 130 (112)	49%	SPK: 150
13127-88-3	Phenol-d6	72.6		30 (15) - 130 (107)	48%	SPK: 150
4165-60-0	Nitrobenzene-d5	48.9		30 (18) - 130 (107)	49%	SPK: 100
321-60-8	2-Fluorobiphenyl	46.2		30 (20) - 130 (109)	46%	SPK: 100
118-79-6	2,4,6-Tribromophenol	80.7		30 (10) - 130 (116)	54%	SPK: 150
1718-51-0	Terphenyl-d14	49.3		30 (10) - 130 (105)	49%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	279000	7.351			
1146-65-2	Naphthalene-d8	1070000	10.104			
15067-26-2	Acenaphthene-d10	711000	14.01			
1517-22-2	Phenanthrene-d10	1470000	16.774			
1719-03-5	Chrysene-d12	1280000	21.015			
1520-96-3	Perylene-d12	1220000	23.709			

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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:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-911-K1-SO-0-0.5-081924-FD	SDG No.:	P3671
Lab Sample ID:	P3671-05	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	35
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group5
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
BP021613.D	1	08/21/24 08:50	08/22/24 14:21	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
110-86-1	Pyridine	230	U	230	490	ug/Kg
100-52-7	Benzaldehyde	520	U	520	940	ug/Kg
95-48-7	2-Methylphenol	230	U	230	490	ug/Kg
98-86-2	Acetophenone	250	U	250	490	ug/Kg
65794-96-9	3+4-Methylphenols	230	U	230	940	ug/Kg
98-95-3	Nitrobenzene	260	U	260	490	ug/Kg
120-83-2	2,4-Dichlorophenol	220	U	220	490	ug/Kg
91-20-3	Naphthalene	240	U	240	490	ug/Kg
91-57-6	2-Methylnaphthalene	240	U	240	490	ug/Kg
88-06-2	2,4,6-Trichlorophenol	200	U	200	490	ug/Kg
95-95-4	2,4,5-Trichlorophenol	210	U	210	490	ug/Kg
208-96-8	Acenaphthylene	250	U	250	490	ug/Kg
83-32-9	Acenaphthene	230	U	230	490	ug/Kg
132-64-9	Dibenzofuran	240	U	240	490	ug/Kg
86-73-7	Fluorene	240	U	240	490	ug/Kg
118-74-1	Hexachlorobenzene	240	U	240	490	ug/Kg
87-86-5	Pentachlorophenol	220	U	220	940	ug/Kg
85-01-8	Phenanthrene	240	U	240	490	ug/Kg
86-74-8	Carbazole	230	U	230	490	ug/Kg
84-74-2	Di-n-butylphthalate	240	U	240	490	ug/Kg
206-44-0	Fluoranthene	410	J	230	490	ug/Kg
129-00-0	Pyrene	350	J	240	490	ug/Kg
56-55-3	Benzo(a)anthracene	230	U	230	490	ug/Kg
218-01-9	Chrysene	240	J	230	490	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	260	U	260	490	ug/Kg
205-99-2	Benzo(b)fluoranthene	300	J	230	490	ug/Kg
207-08-9	Benzo(k)fluoranthene	240	U	240	490	ug/Kg
50-32-8	Benzo(a)pyrene	270	U	270	490	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	220	U	220	490	ug/Kg

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-911-K1-SO-0-0.5-081924-FD	SDG No.:	P3671
Lab Sample ID:	P3671-05	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	35
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group5
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
BP021613.D	1	08/21/24 08:50	08/22/24 14:21	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
53-70-3	Dibenzo(a,h)anthracene	230	U	230	490	ug/Kg
191-24-2	Benzo(g,h,i)perylene	230	U	230	490	ug/Kg
123-91-1	1,4-Dioxane	310	U	310	490	ug/Kg
90-12-0	1-Methylnaphthalene	240	U	240	490	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	69.5		30 (18) - 130 (112)	46%	SPK: 150
13127-88-3	Phenol-d6	69.4		30 (15) - 130 (107)	46%	SPK: 150
4165-60-0	Nitrobenzene-d5	52.9		30 (18) - 130 (107)	53%	SPK: 100
321-60-8	2-Fluorobiphenyl	41.2		30 (20) - 130 (109)	41%	SPK: 100
118-79-6	2,4,6-Tribromophenol	79.4		30 (10) - 130 (116)	53%	SPK: 150
1718-51-0	Terphenyl-d14	37.7		30 (10) - 130 (105)	38%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	356000	7.799			
1146-65-2	Naphthalene-d8	1430000	10.587			
15067-26-2	Acenaphthene-d10	918000	14.451			
1517-22-2	Phenanthrene-d10	2070000	17.257			
1719-03-5	Chrysene-d12	2030000	21.721			
1520-96-3	Perylene-d12	2350000	25.168			

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:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-905-KJ-SO-0-0.5-081924	SDG No.:	P3671
Lab Sample ID:	P3671-06	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	78.2
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group5
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
BP021611.D	1	08/21/24 08:50	08/22/24 12:57	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
110-86-1	Pyridine	100	U	100	220	ug/Kg
100-52-7	Benzaldehyde	230	U	230	420	ug/Kg
95-48-7	2-Methylphenol	100	U	100	220	ug/Kg
98-86-2	Acetophenone	110	U	110	220	ug/Kg
65794-96-9	3+4-Methylphenols	100	U	100	420	ug/Kg
98-95-3	Nitrobenzene	120	U	120	220	ug/Kg
120-83-2	2,4-Dichlorophenol	96.5	U	96.5	220	ug/Kg
91-20-3	Naphthalene	110	U	110	220	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	91.2	U	91.2	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	94.5	U	94.5	220	ug/Kg
208-96-8	Acenaphthylene	110	U	110	220	ug/Kg
83-32-9	Acenaphthene	100	U	100	220	ug/Kg
132-64-9	Dibenzofuran	110	U	110	220	ug/Kg
86-73-7	Fluorene	110	U	110	220	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	220	ug/Kg
87-86-5	Pentachlorophenol	98.8	U	98.8	420	ug/Kg
85-01-8	Phenanthrene	750		110	220	ug/Kg
86-74-8	Carbazole	100	U	100	220	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	220	ug/Kg
206-44-0	Fluoranthene	1100		100	220	ug/Kg
129-00-0	Pyrene	830		110	220	ug/Kg
56-55-3	Benzo(a)anthracene	450		100	220	ug/Kg
218-01-9	Chrysene	460		100	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	560		100	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	210	J	110	220	ug/Kg
50-32-8	Benzo(a)pyrene	460		120	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	230		99.8	220	ug/Kg

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-905-KJ-SO-0-0.5-081924	SDG No.:	P3671
Lab Sample ID:	P3671-06	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	78.2
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group5
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
BP021611.D	1	08/21/24 08:50	08/22/24 12:57	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
53-70-3	Dibenzo(a,h)anthracene	100	U	100	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	270		100	220	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	220	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	220	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	85.1		30 (18) - 130 (112)	57%	SPK: 150
13127-88-3	Phenol-d6	82.7		30 (15) - 130 (107)	55%	SPK: 150
4165-60-0	Nitrobenzene-d5	61.2		30 (18) - 130 (107)	61%	SPK: 100
321-60-8	2-Fluorobiphenyl	42.7		30 (20) - 130 (109)	43%	SPK: 100
118-79-6	2,4,6-Tribromophenol	97.9		30 (10) - 130 (116)	65%	SPK: 150
1718-51-0	Terphenyl-d14	39.6		30 (10) - 130 (105)	40%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	334000	7.804			
1146-65-2	Naphthalene-d8	1350000	10.587			
15067-26-2	Acenaphthene-d10	909000	14.439			
1517-22-2	Phenanthrene-d10	2020000	17.245			
1719-03-5	Chrysene-d12	2010000	21.721			
1520-96-3	Perylene-d12	2310000	25.151			

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:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-905-KJ-SO-0-0.5-081924-FD	SDG No.:	P3671
Lab Sample ID:	P3671-07	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	76.6
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group5
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
BP021612.D	1	08/21/24 08:50	08/22/24 13:39	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
110-86-1	Pyridine	100	U	100	220	ug/Kg
100-52-7	Benzaldehyde	240	U	240	430	ug/Kg
95-48-7	2-Methylphenol	100	U	100	220	ug/Kg
98-86-2	Acetophenone	110	U	110	220	ug/Kg
65794-96-9	3+4-Methylphenols	100	U	100	430	ug/Kg
98-95-3	Nitrobenzene	120	U	120	220	ug/Kg
120-83-2	2,4-Dichlorophenol	98.3	U	98.3	220	ug/Kg
91-20-3	Naphthalene	110	U	110	220	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	93.0	U	93.0	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	96.3	U	96.3	220	ug/Kg
208-96-8	Acenaphthylene	110	U	110	220	ug/Kg
83-32-9	Acenaphthene	110	U	110	220	ug/Kg
132-64-9	Dibenzofuran	110	U	110	220	ug/Kg
86-73-7	Fluorene	110	U	110	220	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	220	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	430	ug/Kg
85-01-8	Phenanthrene	290		110	220	ug/Kg
86-74-8	Carbazole	100	U	100	220	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	220	ug/Kg
206-44-0	Fluoranthene	820		110	220	ug/Kg
129-00-0	Pyrene	710		110	220	ug/Kg
56-55-3	Benzo(a)anthracene	540		110	220	ug/Kg
218-01-9	Chrysene	500		100	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	700		110	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	210	J	110	220	ug/Kg
50-32-8	Benzo(a)pyrene	530		120	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	240		100	220	ug/Kg

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-905-KJ-SO-0-0.5-081924-FD	SDG No.:	P3671
Lab Sample ID:	P3671-07	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	76.6
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group5
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
BP021612.D	1	08/21/24 08:50	08/22/24 13:39	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
53-70-3	Dibenzo(a,h)anthracene	110	U	110	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	250		100	220	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	220	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	220	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	85.0		30 (18) - 130 (112)	57%	SPK: 150
13127-88-3	Phenol-d6	84.0		30 (15) - 130 (107)	56%	SPK: 150
4165-60-0	Nitrobenzene-d5	59.8		30 (18) - 130 (107)	60%	SPK: 100
321-60-8	2-Fluorobiphenyl	38.1		30 (20) - 130 (109)	38%	SPK: 100
118-79-6	2,4,6-Tribromophenol	92.8		30 (10) - 130 (116)	62%	SPK: 150
1718-51-0	Terphenyl-d14	40.0		30 (10) - 130 (105)	40%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	345000	7.799			
1146-65-2	Naphthalene-d8	1400000	10.587			
15067-26-2	Acenaphthene-d10	909000	14.451			
1517-22-2	Phenanthrene-d10	1940000	17.245			
1719-03-5	Chrysene-d12	1920000	21.716			
1520-96-3	Perylene-d12	2250000	25.139			

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:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-905-J-SO-0.5-1.0-081924	SDG No.:	P3671
Lab Sample ID:	P3671-08	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	82
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group5
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
BM047322.D	1	08/21/24 08:50	08/22/24 18:29	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
110-86-1	Pyridine	97.2	U	97.2	210	ug/Kg
100-52-7	Benzaldehyde	220	U	220	400	ug/Kg
95-48-7	2-Methylphenol	98.1	U	98.1	210	ug/Kg
98-86-2	Acetophenone	110	U	110	210	ug/Kg
65794-96-9	3+4-Methylphenols	97.1	U	97.1	400	ug/Kg
98-95-3	Nitrobenzene	110	U	110	210	ug/Kg
120-83-2	2,4-Dichlorophenol	91.9	U	91.9	210	ug/Kg
91-20-3	Naphthalene	100	U	100	210	ug/Kg
91-57-6	2-Methylnaphthalene	100	U	100	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	86.9	U	86.9	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	90.1	U	90.1	210	ug/Kg
208-96-8	Acenaphthylene	110	U	110	210	ug/Kg
83-32-9	Acenaphthene	110	J	98.7	210	ug/Kg
132-64-9	Dibenzofuran	100	U	100	210	ug/Kg
86-73-7	Fluorene	100	U	100	210	ug/Kg
118-74-1	Hexachlorobenzene	100	U	100	210	ug/Kg
87-86-5	Pentachlorophenol	94.1	U	94.1	400	ug/Kg
85-01-8	Phenanthrene	770		100	210	ug/Kg
86-74-8	Carbazole	97.7	U	97.7	210	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	210	ug/Kg
206-44-0	Fluoranthene	1800		99.4	210	ug/Kg
129-00-0	Pyrene	1600		100	210	ug/Kg
56-55-3	Benzo(a)anthracene	1300		98.2	210	ug/Kg
218-01-9	Chrysene	1100		96.8	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	1400		98.7	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	610		100	210	ug/Kg
50-32-8	Benzo(a)pyrene	1200		110	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	430		95.1	210	ug/Kg

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-905-J-SO-0.5-1.0-081924	SDG No.:	P3671
Lab Sample ID:	P3671-08	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	82
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group5
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
BM047322.D	1	08/21/24 08:50	08/22/24 18:29	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
53-70-3	Dibenzo(a,h)anthracene	140	J	98.8	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	450		97.5	210	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	210	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	210	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	71.6		30 (18) - 130 (112)	48%	SPK: 150
13127-88-3	Phenol-d6	69.0		30 (15) - 130 (107)	46%	SPK: 150
4165-60-0	Nitrobenzene-d5	45.7		30 (18) - 130 (107)	46%	SPK: 100
321-60-8	2-Fluorobiphenyl	40.3		30 (20) - 130 (109)	40%	SPK: 100
118-79-6	2,4,6-Tribromophenol	76.6		30 (10) - 130 (116)	51%	SPK: 150
1718-51-0	Terphenyl-d14	44.8		30 (10) - 130 (105)	45%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	266000	7.351			
1146-65-2	Naphthalene-d8	1000000	10.104			
15067-26-2	Acenaphthene-d10	665000	14.01			
1517-22-2	Phenanthrene-d10	1390000	16.774			
1719-03-5	Chrysene-d12	1220000	21.021			
1520-96-3	Perylene-d12	1210000	23.709			

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:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-928-K1-SO-0-0.5-081924	SDG No.:	P3671
Lab Sample ID:	P3671-09	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	48
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group5
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
BM047315.D	1	08/21/24 08:50	08/22/24 13:51	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
110-86-1	Pyridine	170	U	170	350	ug/Kg
100-52-7	Benzaldehyde	380	U	380	690	ug/Kg
95-48-7	2-Methylphenol	170	U	170	350	ug/Kg
98-86-2	Acetophenone	180	U	180	350	ug/Kg
65794-96-9	3+4-Methylphenols	170	U	170	690	ug/Kg
98-95-3	Nitrobenzene	190	U	190	350	ug/Kg
120-83-2	2,4-Dichlorophenol	160	U	160	350	ug/Kg
91-20-3	Naphthalene	170	U	170	350	ug/Kg
91-57-6	2-Methylnaphthalene	170	U	170	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	150	U	150	350	ug/Kg
95-95-4	2,4,5-Trichlorophenol	150	U	150	350	ug/Kg
208-96-8	Acenaphthylene	180	U	180	350	ug/Kg
83-32-9	Acenaphthene	170	U	170	350	ug/Kg
132-64-9	Dibenzofuran	180	U	180	350	ug/Kg
86-73-7	Fluorene	180	U	180	350	ug/Kg
118-74-1	Hexachlorobenzene	180	U	180	350	ug/Kg
87-86-5	Pentachlorophenol	160	U	160	690	ug/Kg
85-01-8	Phenanthrene	170	U	170	350	ug/Kg
86-74-8	Carbazole	170	U	170	350	ug/Kg
84-74-2	Di-n-butylphthalate	180	U	180	350	ug/Kg
206-44-0	Fluoranthene	170	U	170	350	ug/Kg
129-00-0	Pyrene	170	U	170	350	ug/Kg
56-55-3	Benzo(a)anthracene	170	U	170	350	ug/Kg
218-01-9	Chrysene	170	U	170	350	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	190	U	190	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	170	U	170	350	ug/Kg
207-08-9	Benzo(k)fluoranthene	170	U	170	350	ug/Kg
50-32-8	Benzo(a)pyrene	190	U	190	350	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	160	U	160	350	ug/Kg

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-928-K1-SO-0-0.5-081924	SDG No.:	P3671
Lab Sample ID:	P3671-09	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	48
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group5
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
BM047315.D	1	08/21/24 08:50	08/22/24 13:51	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
53-70-3	Dibenzo(a,h)anthracene	170	U	170	350	ug/Kg
191-24-2	Benzo(g,h,i)perylene	170	U	170	350	ug/Kg
123-91-1	1,4-Dioxane	230	U	230	350	ug/Kg
90-12-0	1-Methylnaphthalene	170	U	170	350	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	61.8		30 (18) - 130 (112)	41%	SPK: 150
13127-88-3	Phenol-d6	60.0		30 (15) - 130 (107)	40%	SPK: 150
4165-60-0	Nitrobenzene-d5	42.1		30 (18) - 130 (107)	42%	SPK: 100
321-60-8	2-Fluorobiphenyl	31.4		30 (20) - 130 (109)	31%	SPK: 100
118-79-6	2,4,6-Tribromophenol	59.6		30 (10) - 130 (116)	40%	SPK: 150
1718-51-0	Terphenyl-d14	33.3		30 (10) - 130 (105)	33%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	278000	7.351			
1146-65-2	Naphthalene-d8	1050000	10.104			
15067-26-2	Acenaphthene-d10	702000	14.01			
1517-22-2	Phenanthrene-d10	1490000	16.774			
1719-03-5	Chrysene-d12	1320000	21.015			
1520-96-3	Perylene-d12	1290000	23.709			

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:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-928-K1-SO-0.5-1-081924	SDG No.:	P3671
Lab Sample ID:	P3671-10	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	57.2
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group5
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
BM047317.D	1	08/21/24 08:50	08/22/24 15:10	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
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TARGETS

110-86-1	Pyridine	140	U	140	300	ug/Kg
100-52-7	Benzaldehyde	320	U	320	580	ug/Kg
95-48-7	2-Methylphenol	140	U	140	300	ug/Kg
98-86-2	Acetophenone	150	U	150	300	ug/Kg
65794-96-9	3+4-Methylphenols	140	U	140	580	ug/Kg
98-95-3	Nitrobenzene	160	U	160	300	ug/Kg
120-83-2	2,4-Dichlorophenol	130	U	130	300	ug/Kg
91-20-3	Naphthalene	140	U	140	300	ug/Kg
91-57-6	2-Methylnaphthalene	140	U	140	300	ug/Kg
88-06-2	2,4,6-Trichlorophenol	120	U	120	300	ug/Kg
95-95-4	2,4,5-Trichlorophenol	130	U	130	300	ug/Kg
208-96-8	Acenaphthylene	150	U	150	300	ug/Kg
83-32-9	Acenaphthene	140	U	140	300	ug/Kg
132-64-9	Dibenzofuran	150	U	150	300	ug/Kg
86-73-7	Fluorene	150	U	150	300	ug/Kg
118-74-1	Hexachlorobenzene	150	U	150	300	ug/Kg
87-86-5	Pentachlorophenol	130	U	130	580	ug/Kg
85-01-8	Phenanthrene	150	U	150	300	ug/Kg
86-74-8	Carbazole	140	U	140	300	ug/Kg
84-74-2	Di-n-butylphthalate	150	U	150	300	ug/Kg
206-44-0	Fluoranthene	140	U	140	300	ug/Kg
129-00-0	Pyrene	140	U	140	300	ug/Kg
56-55-3	Benzo(a)anthracene	140	U	140	300	ug/Kg
218-01-9	Chrysene	140	U	140	300	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	160	U	160	300	ug/Kg
205-99-2	Benzo(b)fluoranthene	140	U	140	300	ug/Kg
207-08-9	Benzo(k)fluoranthene	140	U	140	300	ug/Kg
50-32-8	Benzo(a)pyrene	160	U	160	300	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	140	U	140	300	ug/Kg

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-928-K1-SO-0.5-1-081924	SDG No.:	P3671
Lab Sample ID:	P3671-10	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	57.2
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group5
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
BM047317.D	1	08/21/24 08:50	08/22/24 15:10	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
53-70-3	Dibenzo(a,h)anthracene	140	U	140	300	ug/Kg
191-24-2	Benzo(g,h,i)perylene	140	U	140	300	ug/Kg
123-91-1	1,4-Dioxane	190	U	190	300	ug/Kg
90-12-0	1-Methylnaphthalene	150	U	150	300	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	88.4		30 (18) - 130 (112)	59%	SPK: 150
13127-88-3	Phenol-d6	85.5		30 (15) - 130 (107)	57%	SPK: 150
4165-60-0	Nitrobenzene-d5	56.2		30 (18) - 130 (107)	56%	SPK: 100
321-60-8	2-Fluorobiphenyl	49.9		30 (20) - 130 (109)	50%	SPK: 100
118-79-6	2,4,6-Tribromophenol	93.8		30 (10) - 130 (116)	63%	SPK: 150
1718-51-0	Terphenyl-d14	50.6		30 (10) - 130 (105)	51%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	257000	7.351			
1146-65-2	Naphthalene-d8	976000	10.104			
15067-26-2	Acenaphthene-d10	648000	14.01			
1517-22-2	Phenanthrene-d10	1360000	16.774			
1719-03-5	Chrysene-d12	1310000	21.015			
1520-96-3	Perylene-d12	1330000	23.709			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

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E = Value Exceeds Calibration Range

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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:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-903-J-SO-0-0.5-081924	SDG No.:	P3671
Lab Sample ID:	P3671-11	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	83.5
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group5
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
BP021621.D	1	08/21/24 08:50	08/22/24 20:06	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
110-86-1	Pyridine	95.6	U	95.6	200	ug/Kg
100-52-7	Benzaldehyde	220	U	220	390	ug/Kg
95-48-7	2-Methylphenol	96.4	U	96.4	200	ug/Kg
98-86-2	Acetophenone	100	U	100	200	ug/Kg
65794-96-9	3+4-Methylphenols	95.5	U	95.5	390	ug/Kg
98-95-3	Nitrobenzene	110	U	110	200	ug/Kg
120-83-2	2,4-Dichlorophenol	90.3	U	90.3	200	ug/Kg
91-20-3	Naphthalene	98.8	U	98.8	200	ug/Kg
91-57-6	2-Methylnaphthalene	98.7	U	98.7	200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	85.4	U	85.4	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	88.5	U	88.5	200	ug/Kg
208-96-8	Acenaphthylene	100	U	100	200	ug/Kg
83-32-9	Acenaphthene	97.0	U	97.0	200	ug/Kg
132-64-9	Dibenzofuran	100	U	100	200	ug/Kg
86-73-7	Fluorene	100	U	100	200	ug/Kg
118-74-1	Hexachlorobenzene	100	U	100	200	ug/Kg
87-86-5	Pentachlorophenol	92.5	U	92.5	390	ug/Kg
85-01-8	Phenanthrene	1300		100	200	ug/Kg
86-74-8	Carbazole	110	J	96.1	200	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	200	ug/Kg
206-44-0	Fluoranthene	2200		97.7	200	ug/Kg
129-00-0	Pyrene	1800		99.3	200	ug/Kg
56-55-3	Benzo(a)anthracene	840		96.6	200	ug/Kg
218-01-9	Chrysene	1000		95.1	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		97.0	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	410		98.8	200	ug/Kg
50-32-8	Benzo(a)pyrene	900		110	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	520		93.4	200	ug/Kg

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-903-J-SO-0-0.5-081924	SDG No.:	P3671
Lab Sample ID:	P3671-11	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	83.5
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group5
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
BP021621.D	1	08/21/24 08:50	08/22/24 20:06	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
53-70-3	Dibenzo(a,h)anthracene	150	J	97.1	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	590		95.8	200	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	200	ug/Kg
90-12-0	1-Methylnaphthalene	99.5	U	99.5	200	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	46.5		30 (18) - 130 (112)	31%	SPK: 150
13127-88-3	Phenol-d6	46.0		30 (15) - 130 (107)	31%	SPK: 150
4165-60-0	Nitrobenzene-d5	30.6		30 (18) - 130 (107)	31%	SPK: 100
321-60-8	2-Fluorobiphenyl	17.6	*	30 (20) - 130 (109)	18%	SPK: 100
118-79-6	2,4,6-Tribromophenol	43.2	*	30 (10) - 130 (116)	29%	SPK: 150
1718-51-0	Terphenyl-d14	21.9	*	30 (10) - 130 (105)	22%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	361000		7.805		
1146-65-2	Naphthalene-d8	1550000		10.587		
15067-26-2	Acenaphthene-d10	1080000		14.44		
1517-22-2	Phenanthrene-d10	2400000		17.245		
1719-03-5	Chrysene-d12	2030000		21.716		
1520-96-3	Perylene-d12	2360000		25.151		

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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:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-903-J-SO-0.5-1.0-081924	SDG No.:	P3671
Lab Sample ID:	P3671-12	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	85.8
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group5
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
BF139135.D	1	08/21/24 08:50	08/22/24 21:20	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
110-86-1	Pyridine	93.1	U	93.1	200	ug/Kg
100-52-7	Benzaldehyde	210	U	210	380	ug/Kg
95-48-7	2-Methylphenol	93.9	U	93.9	200	ug/Kg
98-86-2	Acetophenone	100	U	100	200	ug/Kg
65794-96-9	3+4-Methylphenols	93.0	U	93.0	380	ug/Kg
98-95-3	Nitrobenzene	110	U	110	200	ug/Kg
120-83-2	2,4-Dichlorophenol	88.0	U	88.0	200	ug/Kg
91-20-3	Naphthalene	96.2	U	96.2	200	ug/Kg
91-57-6	2-Methylnaphthalene	96.1	U	96.1	200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	83.2	U	83.2	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	86.2	U	86.2	200	ug/Kg
208-96-8	Acenaphthylene	100	U	100	200	ug/Kg
83-32-9	Acenaphthene	94.5	U	94.5	200	ug/Kg
132-64-9	Dibenzofuran	98.3	U	98.3	200	ug/Kg
86-73-7	Fluorene	99.6	U	99.6	200	ug/Kg
118-74-1	Hexachlorobenzene	99.0	U	99.0	200	ug/Kg
87-86-5	Pentachlorophenol	90.1	U	90.1	380	ug/Kg
85-01-8	Phenanthrene	230		97.9	200	ug/Kg
86-74-8	Carbazole	93.6	U	93.6	200	ug/Kg
84-74-2	Di-n-butylphthalate	98.2	U	98.2	200	ug/Kg
206-44-0	Fluoranthene	510		95.2	200	ug/Kg
129-00-0	Pyrene	360		96.7	200	ug/Kg
56-55-3	Benzo(a)anthracene	190	J	94.0	200	ug/Kg
218-01-9	Chrysene	210		92.6	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	250		94.5	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	130	J	96.2	200	ug/Kg
50-32-8	Benzo(a)pyrene	200		110	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	J	91.0	200	ug/Kg

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-903-J-SO-0.5-1.0-081924	SDG No.:	P3671
Lab Sample ID:	P3671-12	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	85.8
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group5
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
BF139135.D	1	08/21/24 08:50	08/22/24 21:20	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
53-70-3	Dibenzo(a,h)anthracene	94.6	U	94.6	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	220		93.3	200	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	200	ug/Kg
90-12-0	1-Methylnaphthalene	96.9	U	96.9	200	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	97.6		30 (18) - 130 (112)	65%	SPK: 150
13127-88-3	Phenol-d6	96.1		30 (15) - 130 (107)	64%	SPK: 150
4165-60-0	Nitrobenzene-d5	91.0		30 (18) - 130 (107)	91%	SPK: 100
321-60-8	2-Fluorobiphenyl	71.5		30 (20) - 130 (109)	72%	SPK: 100
118-79-6	2,4,6-Tribromophenol	114		30 (10) - 130 (116)	76%	SPK: 150
1718-51-0	Terphenyl-d14	63.1		30 (10) - 130 (105)	63%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	85200	6.898			
1146-65-2	Naphthalene-d8	280000	8.181			
15067-26-2	Acenaphthene-d10	127000	9.934			
1517-22-2	Phenanthrene-d10	218000	11.416			
1719-03-5	Chrysene-d12	158000	14.057			
1520-96-3	Perylene-d12	125000	15.533			

U = Not Detected

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MDL = Method Detection Limit

LOD = Limit of Detection

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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:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-912-J-SO-0-0.5-081924	SDG No.:	P3671
Lab Sample ID:	P3671-13	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	30.6
Sample Wt/Vol:	30.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group5
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
BM047316.D	1	08/21/24 08:50	08/22/24 14:31	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
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TARGETS

110-86-1	Pyridine	260	U	260	550	ug/Kg
100-52-7	Benzaldehyde	590	U	590	1100	ug/Kg
95-48-7	2-Methylphenol	260	U	260	550	ug/Kg
98-86-2	Acetophenone	280	U	280	550	ug/Kg
65794-96-9	3+4-Methylphenols	260	U	260	1100	ug/Kg
98-95-3	Nitrobenzene	300	U	300	550	ug/Kg
120-83-2	2,4-Dichlorophenol	250	U	250	550	ug/Kg
91-20-3	Naphthalene	270	U	270	550	ug/Kg
91-57-6	2-Methylnaphthalene	270	U	270	550	ug/Kg
88-06-2	2,4,6-Trichlorophenol	230	U	230	550	ug/Kg
95-95-4	2,4,5-Trichlorophenol	240	U	240	550	ug/Kg
208-96-8	Acenaphthylene	280	U	280	550	ug/Kg
83-32-9	Acenaphthene	260	U	260	550	ug/Kg
132-64-9	Dibenzofuran	270	U	270	550	ug/Kg
86-73-7	Fluorene	280	U	280	550	ug/Kg
118-74-1	Hexachlorobenzene	280	U	280	550	ug/Kg
87-86-5	Pentachlorophenol	250	U	250	1100	ug/Kg
85-01-8	Phenanthrene	270	U	270	550	ug/Kg
86-74-8	Carbazole	260	U	260	550	ug/Kg
84-74-2	Di-n-butylphthalate	270	U	270	550	ug/Kg
206-44-0	Fluoranthene	270	U	270	550	ug/Kg
129-00-0	Pyrene	270	U	270	550	ug/Kg
56-55-3	Benzo(a)anthracene	260	U	260	550	ug/Kg
218-01-9	Chrysene	260	U	260	550	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	300	U	300	550	ug/Kg
205-99-2	Benzo(b)fluoranthene	260	U	260	550	ug/Kg
207-08-9	Benzo(k)fluoranthene	270	U	270	550	ug/Kg
50-32-8	Benzo(a)pyrene	300	U	300	550	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	250	U	250	550	ug/Kg

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-912-J-SO-0-0.5-081924	SDG No.:	P3671
Lab Sample ID:	P3671-13	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	30.6
Sample Wt/Vol:	30.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group5
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
BM047316.D	1	08/21/24 08:50	08/22/24 14:31	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
53-70-3	Dibenzo(a,h)anthracene	260	U	260	550	ug/Kg
191-24-2	Benzo(g,h,i)perylene	260	U	260	550	ug/Kg
123-91-1	1,4-Dioxane	360	U	360	550	ug/Kg
90-12-0	1-Methylnaphthalene	270	U	270	550	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	77.8		30 (18) - 130 (112)	52%	SPK: 150
13127-88-3	Phenol-d6	75.0		30 (15) - 130 (107)	50%	SPK: 150
4165-60-0	Nitrobenzene-d5	51.4		30 (18) - 130 (107)	51%	SPK: 100
321-60-8	2-Fluorobiphenyl	36.8		30 (20) - 130 (109)	37%	SPK: 100
118-79-6	2,4,6-Tribromophenol	70.5		30 (10) - 130 (116)	47%	SPK: 150
1718-51-0	Terphenyl-d14	30.7		30 (10) - 130 (105)	31%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	256000	7.351			
1146-65-2	Naphthalene-d8	983000	10.104			
15067-26-2	Acenaphthene-d10	648000	14.01			
1517-22-2	Phenanthrene-d10	1390000	16.774			
1719-03-5	Chrysene-d12	1290000	21.015			
1520-96-3	Perylene-d12	1320000	23.709			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

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E = Value Exceeds Calibration Range

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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

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A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-912-J-SO-0.5-1-081924	SDG No.:	P3671
Lab Sample ID:	P3671-14	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	51.5
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group5
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
BM047314.D	1	08/21/24 08:50	08/22/24 13:11	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
110-86-1	Pyridine	150	U	150	330	ug/Kg
100-52-7	Benzaldehyde	350	U	350	640	ug/Kg
95-48-7	2-Methylphenol	160	U	160	330	ug/Kg
98-86-2	Acetophenone	170	U	170	330	ug/Kg
65794-96-9	3+4-Methylphenols	150	U	150	640	ug/Kg
98-95-3	Nitrobenzene	180	U	180	330	ug/Kg
120-83-2	2,4-Dichlorophenol	150	U	150	330	ug/Kg
91-20-3	Naphthalene	160	U	160	330	ug/Kg
91-57-6	2-Methylnaphthalene	160	U	160	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	140	U	140	330	ug/Kg
95-95-4	2,4,5-Trichlorophenol	140	U	140	330	ug/Kg
208-96-8	Acenaphthylene	170	U	170	330	ug/Kg
83-32-9	Acenaphthene	160	U	160	330	ug/Kg
132-64-9	Dibenzofuran	160	U	160	330	ug/Kg
86-73-7	Fluorene	170	U	170	330	ug/Kg
118-74-1	Hexachlorobenzene	160	U	160	330	ug/Kg
87-86-5	Pentachlorophenol	150	U	150	640	ug/Kg
85-01-8	Phenanthrene	160	U	160	330	ug/Kg
86-74-8	Carbazole	160	U	160	330	ug/Kg
84-74-2	Di-n-butylphthalate	160	U	160	330	ug/Kg
206-44-0	Fluoranthene	160	U	160	330	ug/Kg
129-00-0	Pyrene	160	U	160	330	ug/Kg
56-55-3	Benzo(a)anthracene	160	U	160	330	ug/Kg
218-01-9	Chrysene	150	U	150	330	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	180	U	180	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	160	U	160	330	ug/Kg
207-08-9	Benzo(k)fluoranthene	160	U	160	330	ug/Kg
50-32-8	Benzo(a)pyrene	180	U	180	330	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	150	U	150	330	ug/Kg

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-912-J-SO-0.5-1-081924	SDG No.:	P3671
Lab Sample ID:	P3671-14	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	51.5
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group5
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
BM047314.D	1	08/21/24 08:50	08/22/24 13:11	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
53-70-3	Dibenzo(a,h)anthracene	160	U	160	330	ug/Kg
191-24-2	Benzo(g,h,i)perylene	160	U	160	330	ug/Kg
123-91-1	1,4-Dioxane	210	U	210	330	ug/Kg
90-12-0	1-Methylnaphthalene	160	U	160	330	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	69.3		30 (18) - 130 (112)	46%	SPK: 150
13127-88-3	Phenol-d6	65.3		30 (15) - 130 (107)	44%	SPK: 150
4165-60-0	Nitrobenzene-d5	44.9		30 (18) - 130 (107)	45%	SPK: 100
321-60-8	2-Fluorobiphenyl	37.0		30 (20) - 130 (109)	37%	SPK: 100
118-79-6	2,4,6-Tribromophenol	68.7		30 (10) - 130 (116)	46%	SPK: 150
1718-51-0	Terphenyl-d14	34.7		30 (10) - 130 (105)	35%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	252000	7.351			
1146-65-2	Naphthalene-d8	951000	10.104			
15067-26-2	Acenaphthene-d10	635000	14.01			
1517-22-2	Phenanthrene-d10	1370000	16.774			
1719-03-5	Chrysene-d12	1280000	21.015			
1520-96-3	Perylene-d12	1310000	23.709			

U = Not Detected

LOQ = Limit of Quantitation

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LAB CHRONICLE

OrderID:	P3671	OrderDate:	8/20/2024 10:36:00 AM
Client:	JACOBS Engineering Group, Inc.	Project:	Former Schlumberger Site Princeton NJ
Contact:	Mary I. Murphy	Location:	G11,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P3671-01	S-904-J-SO-0-0.5-08 1924	SOIL			08/19/24			08/19/24
			SVOCMS Group5	8270E		08/21/24	08/22/24	
P3671-01DL	S-904-J-SO-0-0.5-08 1924DL	SOIL			08/19/24			08/19/24
			SVOCMS Group5	8270E		08/21/24	08/26/24	
P3671-02	S-904-J-SO-0.5-1.0-0 81924	SOIL			08/19/24			08/19/24
			SVOCMS Group5	8270E		08/21/24	08/22/24	
P3671-03	S-911-K1-SO-0-0.5-0 81924	SOIL			08/19/24			08/19/24
			SVOCMS Group3	8270-Modifie d		08/21/24	08/23/24	
			SVOCMS Group5	8270E		08/21/24	08/22/24	
P3671-04	S-911-K1-SO-0.5-1-0 81924	SOIL			08/19/24			08/19/24
			SVOCMS Group3	8270-Modifie d		08/21/24	08/23/24	
			SVOCMS Group5	8270E		08/21/24	08/22/24	
P3671-05	S-911-K1-SO-0-0.5-0 81924-FD	SOIL			08/19/24			08/19/24
			SVOCMS Group3	8270-Modifie d		08/21/24	08/23/24	
			SVOCMS Group5	8270E		08/21/24	08/22/24	
P3671-06	S-905-KJ-SO-0-0.5-0 81924	SOIL			08/19/24			08/19/24
			SVOCMS Group3	8270-Modifie d		08/21/24	08/23/24	
			SVOCMS Group5	8270E		08/21/24	08/22/24	

LAB CHRONICLE

P3671-06DL	S-905-KJ-SO-0-0.5-0 81924DL	SOIL		08/19/24			08/19/24
			SVOCMS Group3	8270-Modified	08/21/24	08/23/24	
P3671-07	S-905-KJ-SO-0-0.5-0 81924-FD	SOIL		08/19/24			08/19/24
			SVOCMS Group3	8270-Modified	08/21/24	08/23/24	
			SVOCMS Group5	8270E	08/21/24	08/22/24	
P3671-07DL	S-905-KJ-SO-0-0.5-0 81924-FDDL	SOIL		08/19/24			08/19/24
			SVOCMS Group3	8270-Modified	08/21/24	08/24/24	
P3671-08	S-905-J-SO-0.5-1.0-0 81924	SOIL		08/19/24			08/19/24
			SVOCMS Group5	8270E	08/21/24	08/22/24	
P3671-09	S-928-K1-SO-0-0.5-0 81924	SOIL		08/19/24			08/19/24
			SVOCMS Group3	8270-Modified	08/21/24	08/23/24	
			SVOCMS Group5	8270E	08/21/24	08/22/24	
P3671-10	S-928-K1-SO-0.5-1-0 81924	SOIL		08/19/24			08/19/24
			SVOCMS Group3	8270-Modified	08/21/24	08/23/24	
			SVOCMS Group5	8270E	08/21/24	08/22/24	
P3671-11	S-903-J-SO-0-0.5-08 1924	SOIL		08/19/24			08/19/24
			SVOCMS Group5	8270E	08/21/24	08/22/24	
P3671-12	S-903-J-SO-0.5-1.0-0 81924	SOIL		08/19/24			08/19/24
			SVOCMS Group3	8270-Modified	08/21/24	08/23/24	
			SVOCMS Group5	8270E	08/21/24	08/22/24	
P3671-12DL	S-903-J-SO-0.5-1.0-0 81924DL	SOIL		08/19/24			08/19/24

LAB CHRONICLE

P3671-13	S-912-J-SO-0-0.5-08 1924	SOIL	SVOCMS Group3	8270-Modified	08/21/24	08/24/24	08/19/24	08/19/24
			SVOCMS Group3	8270-Modified	08/21/24	08/23/24		
			SVOCMS Group5	8270E	08/21/24	08/22/24		
P3671-14	S-912-J-SO-0.5-1-08 1924	SOIL					08/19/24	08/19/24
			SVOCMS Group3	8270-Modified	08/21/24	08/22/24		
			SVOCMS Group5	8270E	08/21/24	08/22/24		