

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFFMSD	SDG No.:	Q3399
Lab Sample ID:	Q3399-01MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	89.9
Sample Wt/Vol:	30.06 g	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Level:	LOW
		Final Vol:	1000 uL
		Prep Date:	10/22/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS										
100-52-7	Benzaldehyde	1200		1	170	300	370	ug/Kg	11/03/25 22:46	PB170206
108-95-2	Phenol	1800		1	24.5	140	190	ug/Kg	11/03/25 22:46	PB170206
111-44-4	bis(2-Chloroethyl)ether	1600		1	27.0	140	190	ug/Kg	11/03/25 22:46	PB170206
95-57-8	2-Chlorophenol	2000		1	27.1	140	190	ug/Kg	11/03/25 22:46	PB170206
95-48-7	2-Methylphenol	1900		1	33.2	140	190	ug/Kg	11/03/25 22:46	PB170206
108-60-1	2,2-oxybis(1-Chloropropane)	1600		1	41.6	140	190	ug/Kg	11/03/25 22:46	PB170206
98-86-2	Acetophenone	2000		1	32.7	140	190	ug/Kg	11/03/25 22:46	PB170206
65794-96-9	3+4-Methylphenols	1800		1	45.6	300	370	ug/Kg	11/03/25 22:46	PB170206
621-64-7	n-Nitroso-di-n-propylamine	1700		1	52.6	88.8	88.8	ug/Kg	11/03/25 22:46	PB170206
67-72-1	Hexachloroethane	1900		1	19.5	140	190	ug/Kg	11/03/25 22:46	PB170206
98-95-3	Nitrobenzene	2000		1	20.3	140	190	ug/Kg	11/03/25 22:46	PB170206
78-59-1	Isophorone	1700		1	36.4	140	190	ug/Kg	11/03/25 22:46	PB170206
88-75-5	2-Nitrophenol	2400		1	64.6	140	190	ug/Kg	11/03/25 22:46	PB170206
105-67-9	2,4-Dimethylphenol	2000		1	71.9	140	190	ug/Kg	11/03/25 22:46	PB170206
111-91-1	bis(2-Chloroethoxy)methane	1700		1	34.2	140	190	ug/Kg	11/03/25 22:46	PB170206
120-83-2	2,4-Dichlorophenol	2100		1	31.4	140	190	ug/Kg	11/03/25 22:46	PB170206
91-20-3	Naphthalene	1800		1	25.2	140	190	ug/Kg	11/03/25 22:46	PB170206
106-47-8	4-Chloroaniline	930		1	39.3	140	190	ug/Kg	11/03/25 22:46	PB170206
87-68-3	Hexachlorobutadiene	2000		1	28.1	140	190	ug/Kg	11/03/25 22:46	PB170206
105-60-2	Caprolactam	1700		1	57.8	300	370	ug/Kg	11/03/25 22:46	PB170206
59-50-7	4-Chloro-3-methylphenol	2000		1	31.9	140	190	ug/Kg	11/03/25 22:46	PB170206
91-57-6	2-Methylnaphthalene	1700		1	28.4	140	190	ug/Kg	11/03/25 22:46	PB170206
77-47-4	Hexachlorocyclopentadiene	5600	E	1	130	300	370	ug/Kg	11/03/25 22:46	PB170206
88-06-2	2,4,6-Trichlorophenol	2100		1	22.0	140	190	ug/Kg	11/03/25 22:46	PB170206
95-95-4	2,4,5-Trichlorophenol	2000		1	32.3	140	190	ug/Kg	11/03/25 22:46	PB170206
92-52-4	1,1-Biphenyl	2000		1	24.2	140	190	ug/Kg	11/03/25 22:46	PB170206
91-58-7	2-Chloronaphthalene	1800		1	25.0	140	190	ug/Kg	11/03/25 22:46	PB170206
88-74-4	2-Nitroaniline	2000		1	53.4	140	190	ug/Kg	11/03/25 22:46	PB170206
131-11-3	Dimethylphthalate	1800		1	30.1	140	190	ug/Kg	11/03/25 22:46	PB170206
208-96-8	Acenaphthylene	2000		1	32.1	140	190	ug/Kg	11/03/25 22:46	PB170206
606-20-2	2,6-Dinitrotoluene	2200		1	37.3	140	190	ug/Kg	11/03/25 22:46	PB170206
99-09-2	3-Nitroaniline	1600		1	51.1	140	190	ug/Kg	11/03/25 22:46	PB170206
83-32-9	Acenaphthene	2000		1	23.6	140	190	ug/Kg	11/03/25 22:46	PB170206
51-28-5	2,4-Dinitrophenol	4000	E	1	250	300	370	ug/Kg	11/03/25 22:46	PB170206
100-02-7	4-Nitrophenol	3500	E	1	120	300	370	ug/Kg	11/03/25 22:46	PB170206
132-64-9	Dibenzofuran	1800		1	25.2	140	190	ug/Kg	11/03/25 22:46	PB170206
121-14-2	2,4-Dinitrotoluene	2100		1	55.6	140	190	ug/Kg	11/03/25 22:46	PB170206
84-66-2	Diethylphthalate	1800		1	31.4	140	190	ug/Kg	11/03/25 22:46	PB170206
7005-72-3	4-Chlorophenyl-phenylether	1900		1	29.6	140	190	ug/Kg	11/03/25 22:46	PB170206
86-73-7	Fluorene	1800		1	28.1	140	190	ug/Kg	11/03/25 22:46	PB170206
100-01-6	4-Nitroaniline	2000		1	71.3	140	190	ug/Kg	11/03/25 22:46	PB170206
534-52-1	4,6-Dinitro-2-methylphenol	2400		1	110	300	370	ug/Kg	11/03/25 22:46	PB170206

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Lab Sample ID:	Q3399-01MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	89.9
Sample Wt/Vol:	30.06 g	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Level: LOW	
		Final Vol:	1000 uL
		Prep Date:	10/22/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	1900		1	36.5	140	190	ug/Kg	11/03/25 22:46	PB170206
101-55-3	4-Bromophenyl-phenylether	2000		1	30.9	140	190	ug/Kg	11/03/25 22:46	PB170206
118-74-1	Hexachlorobenzene	2000		1	28.1	140	190	ug/Kg	11/03/25 22:46	PB170206
1912-24-9	Atrazine	2000		1	37.7	140	190	ug/Kg	11/03/25 22:46	PB170206
87-86-5	Pentachlorophenol	2600		1	56.9	300	370	ug/Kg	11/03/25 22:46	PB170206
85-01-8	Phenanthrene	1800		1	23.2	140	190	ug/Kg	11/03/25 22:46	PB170206
120-12-7	Anthracene	1800		1	37.0	140	190	ug/Kg	11/03/25 22:46	PB170206
86-74-8	Carbazole	1800		1	34.6	140	190	ug/Kg	11/03/25 22:46	PB170206
84-74-2	Di-n-butylphthalate	1800		1	53.2	140	190	ug/Kg	11/03/25 22:46	PB170206
206-44-0	Fluoranthene	1800		1	33.3	140	190	ug/Kg	11/03/25 22:46	PB170206
129-00-0	Pyrene	1700		1	40.0	140	190	ug/Kg	11/03/25 22:46	PB170206
85-68-7	Butylbenzylphthalate	2000		1	79.3	140	190	ug/Kg	11/03/25 22:46	PB170206
91-94-1	3,3-Dichlorobenzidine	1400		1	40.7	300	370	ug/Kg	11/03/25 22:46	PB170206
56-55-3	Benzo(a)anthracene	1800		1	25.5	140	190	ug/Kg	11/03/25 22:46	PB170206
218-01-9	Chrysene	1800		1	22.1	140	190	ug/Kg	11/03/25 22:46	PB170206
117-81-7	Bis(2-ethylhexyl)phthalate	1900		1	65.7	140	190	ug/Kg	11/03/25 22:46	PB170206
117-84-0	Di-n-octyl phthalate	1900		1	96.4	300	370	ug/Kg	11/03/25 22:46	PB170206
205-99-2	Benzo(b)fluoranthene	1900		1	21.1	140	190	ug/Kg	11/03/25 22:46	PB170206
207-08-9	Benzo(k)fluoranthene	1900		1	24.9	140	190	ug/Kg	11/03/25 22:46	PB170206
50-32-8	Benzo(a)pyrene	1900		1	32.7	140	190	ug/Kg	11/03/25 22:46	PB170206
193-39-5	Indeno(1,2,3-cd)pyrene	1900		1	32.3	140	190	ug/Kg	11/03/25 22:46	PB170206
53-70-3	Dibenzo(a,h)anthracene	1900		1	30.4	140	190	ug/Kg	11/03/25 22:46	PB170206
191-24-2	Benzo(g,h,i)perylene	1900		1	28.5	140	190	ug/Kg	11/03/25 22:46	PB170206
95-94-3	1,2,4,5-Tetrachlorobenzene	2100		1	28.4	140	190	ug/Kg	11/03/25 22:46	PB170206
123-91-1	1,4-Dioxane	1200		1	50.2	140	190	ug/Kg	11/03/25 22:46	PB170206
58-90-2	2,3,4,6-Tetrachlorophenol	2200		1	30.4	140	190	ug/Kg	11/03/25 22:46	PB170206

SURROGATES

367-12-4	2-Fluorophenol	91.1			35 - 115	61%	SPK: 150
13127-88-3	Phenol-d6	98.9			34 - 127	66%	SPK: 150
4165-60-0	Nitrobenzene-d5	74.1			37 - 122	74%	SPK: 100
321-60-8	2-Fluorobiphenyl	60.0			44 - 115	60%	SPK: 100
118-79-6	2,4,6-Tribromophenol	121			39 - 132	81%	SPK: 150
1718-51-0	Terphenyl-d14	60.6			54 - 127	61%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	29900
1146-65-2	Naphthalene-d8	119000
15067-26-2	Acenaphthene-d10	97600
1517-22-2	Phenanthrene-d10	238000
1719-03-5	Chrysene-d12	275000
1520-96-3	Perylene-d12	303000

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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