

DATA PACKAGE

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

PROJECT NAME : WHITTAKER COATINGS SITE – E9125B

ENTACT

606 E. Baltimore Pike

Floor 3

Media, PA - 19063

Phone No: 4844440702

ORDER ID : Q3618

ATTENTION : Austin Farmerie



Laboratory Certification ID # 20012



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Cover Page

Order ID : Q3618

Project ID : Whittaker Coatings Site – E9125B

Client : ENTACT

Lab Sample Number

Q3618-01
Q3618-02

Client Sample Number

EME-TOP-SOIL
EME-GENERAL-FILL

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____

Date: 12/3/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

ENTACT

Project Name: Whittaker Coatings Site – E9125B

Project # N/A

Order ID # Q3618

Test Name: VOC-TCLVOA-10,SVOC-SIMGroup1,SVOC-TCL BNA -20, EPH,Herbicide,PCB,Pesticide-TCL,Mercury,Metals ICP-TAL, Cyanide, Hexavalent Chromium,pH,TOC,Trivalent Chromium

A. Number of Samples and Date of Receipt:

2 Solid samples were received on 11/12/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: VOC-TCLVOA-10,SVOC-SIMGroup1,SVOC-TCL BNA -20,EPH, Herbicide, PCB, Pesticide-TCL,Mercury,Metals ICP-TAL,Cyanide,Hexavalent Chromium,pH,TOC, Trivalent Chromium. This data package contains results for VOC-TCLVOA-10(8260D), SVOC-SIMGroup1(8270-Modified),SVOC-TCL BNA -20(8270E), EPH(NJEPH), Herbicide(8151A),PCB(8082A),Pesticide-TCL(8081B),Mercury(7471B),Metals ICP-TAL(6010D),Cyanide(9012B),Hexavalent Chromium(7196A),pH(9045D), TOC (9060A), Trivalent Chromium(6010D).

C. Analytical Techniques:

VOC-TCLVOA-10 : The analysis performed on instrument MSVOA_Y were done using GC column Rxi-624SIL MS 30m, 0.25mm, 1.4 um, Cat. #13868.The analysis of VOC-TCLVOA-10 was based on method 8260D.

SVOC-TCL BNA -20 : The samples were analyzed on instrument BNA_F using GC Column DB-UI 8270D which is 20 meters, 0.18 mm ID, 0.36 um df. The samples were analyzed on instrument BNA_G using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGA. The samples were analyzed on instrument BNA_P using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGA. The analysis of SVOC-TCL BNA -20 was based on method 8270E and extraction was done based on method 3541.

SVOC-SIMGroup1 : The samples were analyzed on instrument BNA_F using GC Column DB-UI 8270D which is 20 meters, 0.18 mm ID, 0.36 um df. The samples were analyzed on instrument BNA_N using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGA. The analysis of SVOC-SIMGroup1 was based on method 8270-Modified and extraction was done based on method 3541.

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Herbicide : The analysis was performed on instrument ECD_S. The front column is RTX-CLPesticides which is 30 meters, 0.32 mm ID, 0.5 μ m df, Catalog # 11139. The rear column is RTX-CLPesticides2 which is 30 meters, 0.32 mm ID, 0.25 μ m df, Catalog #: 11324. The analysis of Herbicides was based on method 8151A and extraction was done based on method 3541.

EPH : The analysis were performed on instrument FID_G. The column is RXI-1MS which is 20 meters, 0.18mm ID, 0.18 μ m df, catalog 13302. The analysis were performed on instrument FID_F. The column is RXI-1MS which is 20 meters, 0.18mm ID, 0.18 μ m df, catalog 13302. The analysis of EPHs was based on method NJEPH and extraction was done based on method 3541.

Pesticide-TCL : The analysis was performed on instrument ECD_D. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0.5 μ m df, Catalog # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 μ m df, Catalog #: 7HMG017- 11. The analysis of Pesticide-TCLs was based on method 8081B and extraction was done based on method 3541.

PCB : The analyses were performed on instrument GCECD_P. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0.5 μ m df, Catalogue # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 μ m; Catalogue # 7HM-G017-11. The analyses were performed on instrument GCECD_O. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0.5 μ m df, Catalogue # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 μ m; Catalogue # 7HM-G017-11. The analysis of PCBs was based on method 8082A and extraction was done based on method 3541.

Mercury, Metals ICP-TAL : The analysis of Metals ICP-TAL was based on method 6010D, digestion based on method 3050 (soils). The analysis and digestion of Mercury was based on method 7471B.

Wetchem : The analysis of Trivalent Chromium was based on method 6010D, The analysis of Hexavalent Chromium was based on method 7196A, The analysis of Cyanide was based on method 9012B, The analysis of pH was based on method 9045D and The analysis of TOC was based on method 9060A.

D. QA/ QC Samples:

The Holding Times were met for all analysis except following Wetchem : EME-GENERAL-FILL of pH and for EME-TOP-SOIL of pH as samples were received out of holding time.

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The Surrogate recoveries were met for all analysis except following SVOC-SIMGroup1 : PB170590BS [2-Fluorobiphenyl - 122%], marginally high The associate samples have no positive hit for these compounds therefore no corrective action was taken.

The Internal Standards Areas met the acceptable requirements.

The Retention Times were acceptable for all samples.

The MS recoveries met the requirements for all compounds except following EPH : The MS {Q3586-03MS} with File ID: FG016960.D recoveries met the requirements for all compounds except for Aliphatic [Naphthalene (C11.7)- 0%, 2-methylnaphthalene (C12.89)- 0%], these analytes are only being monitoring in aliphatic fraction.

The MS {Q3586-03MS} with File ID: FF016726.D recoveries met the requirements for all compounds except for Aromatic [Benzo[a]anthracene (C26.37)- 171%], Bnezo[k]fluoranthene (C30.14)- 147%], [benzo[b]fluoranthene (C30.41)- 162%] and [Indeno[1,2,3-cd]pyrene (C35.01)- 213%] due to matrix interference

PCB : The MS {Q3609-07MS} with File ID: PO115077.D recoveries met the requirements for all compounds except for [AR1016(1)440% - AR1016(2)218%] and [AR1260(2)164%] due to matrix interference.

Mercury, Metals ICP-TAL : The Matrix Spike (AU-713-COMP-01MS) analysis met criteria for all compounds except for Antimony, Potassium, Selenium, Sodium, Vanadium and Zinc due to Chemical Interference during Digestion process. The Matrix Spike (COMP-3MS) analysis met criteria for all compounds except for Mercury due to Sample matrix interference.

The MSD recoveries met the requirements for all compounds except following EPH : The MSD {Q3586-03MSD} with File ID: FG016961.D recoveries met the requirements for all compounds except for Aliphatic [n-Nonane (C9)- 39%] due to matrix interference. And for Aliphatic[Naphthalene (C11.7)- 0%, 2-methylnaphthalene (C12.89)- 0%], these analytes are only being monitoring in aliphatic fraction.

The MSD {Q3586-03MSD} with File ID: FF016727.D recoveries met the requirements for all compounds except for Aromatic [Benzo[a]anthracene (C26.37)- 176%], [Chrysene (C27.41)- 142%], [Bnezo[k]fluoranthene (C30.14)- 151%], [Dibenz[a,h]anthracene (C30.36)- 144%], [benzo[b]fluoranthene (C30.41)- 166%] and [Indeno[1,2,3-cd]pyrene (C35.01)- 220%] due to matrix interference

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PCB : The MSD {Q3609-07MSD} with File ID: PO115078.D recoveries met the requirements for all compounds except for [AR1016(1)456% - AR1016(2)213%] and [AR1260(2)170%] due to matrix interference.

Mercury, Metals ICP-TAL : The Matrix Spike Duplicate (AU-713-COMP-01MSD) analysis met criteria for all compounds except for Antimony, Barium, Potassium, Selenium, Sodium, Vanadium and Zinc due to Chemical Interference during Digestion process.

The RPD were met for all analysis except following
VOC-TCLVOA-10 : The RPD for {VY1113SBSD01} with File ID: VY023777.D met criteria except for 1,2,3-Trichlorobenzene[20%], Due to difference in result of BS-BSD.

The Blank Spike met requirements for all compounds except following
EPH : The Blank Spike for {PB170577BS} with File ID: FG016927.D met requirements for all samples except for aliphatic [Naphthalene (C11.7)- 0%, 2-methylnaphthalene (C12.89)-0%], these analytes compounds are only being monitoring in aliphatic fraction.

The Blank Spike Duplicate met requirements for all compounds except following
EPH : The Blank Spike Duplicate for {PB170577BSD} with File ID: FG016928.D met requirements for all samples except for aliphatic [Naphthalene (C11.7)- 0%, 2-methylnaphthalene (C12.89)- 0%], these analytes compounds are only being monitoring in aliphatic fraction.

The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements except following
SVOC-TCL BNA -20 : The %RSD is greater than 20% in the Initial Calibration (Method 8270- BG111225.M) for 2,4-Dinitrophenol, Pentachlorophenol, These Compounds are passing on Linear regression.

The %RSD is greater than 20% in the Initial Calibration (Method 8270-BP102925.M) for 2-Nitrophenol, 2-Nitroaniline, 2,6-Dinitrotoluene, 3-Nitroaniline, 2,4-Dinitrotoluene, Butylbenzylphthalate, Bis(2-ethylhexyl)phtha, These Compounds are passing on Linear regression and 2,4-Dinitrophenol, 4,6-Dinitro-2-methylph are passing on Quadratic regression.

The Continuous Calibration met the requirements except following
VOC-TCLVOA-10 : The Continuous Calibration File ID VY023774.D met the requirements except for 4-Bromofluorobenzene which is not our target compound, therefore no corrective action taken.

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SVOC-TCL BNA -20 : The %RSD is greater than 20% in the Initial Calibration (Method 8270- BG111225.M) for 2,4-Dinitrophenol, Pentachlorophenol, These Compounds are passing on Linear regression

The Continuous Calibration File ID BP026126.D met the requirements except for 2,3,4,6-Tetrachlorophenol,2,4-Dinitrophenol,2-Nitrophenol,4,6-Dinitro-2-methylphenol, Di-n-octyl phthalate and 2,4,6-Tribromophenol, failing high but
The associate samples have no positive hit for these compounds therefore no corrective action was taken.

The Tuning criteria met requirements.

The Duplicate analysis met criteria for all compounds except following Mercury, Metals ICP-TAL : The Duplicate (AU-713-COMP-01MSD) analysis met criteria for all compounds except for Iron, Manganese, Sodium and Zinc due to Chemical Interference during Digestion process.

Wetchem : The Duplicate (AU-713-COMP-01DUP) analysis met criteria for all compounds except for Hexavalent Chromium due to the results are below Reporting limit.

The Serial Dilution met the acceptable requirements.

E. Additional Comments:

The soil samples results are based on a dry weight basis.

Cyanide, Hexavalent Chromium, pH, TOC, Trivalent Chromium : Lab has used least representable sample weight for the Q3618-01 for TOC analysis. Therefore Lab has reported the TOC result with "OR" qualifier.

Mercury, Metals ICP-TAL : In analytical Sequence LB137889, The % Recovery outside limit for Potassium and Sodium for CCB06 and CCB07 but, no any sample associated under this CCBs.

In analytical Sequence LB137889, The Result outside limit for Potassium and Sodium for CCB06 and CCB07 but, no any sample associated under this CCBs.

VOC-TCLVOA-10 : Samples for MS/MSD for VOC analysis were not provided with this set of samples. The Blank Spike Duplicate is reported with the data.

Trip Blank was not provided with this set of samples.

F. Manual Integration Comments:

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.



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I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following “ Results Qualifiers” are used:

J	Indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).
U	Indicates the analyte was analyzed for, but not detected.
ND	Indicates the analyte was analyzed for, but not detected
E	Indicates the reported value is estimated because of the presence of interference
M	Indicates Duplicate injection precision not met.
N	Indicates the spiked sample recovery is not within control limits.
S	Indicates the reported value was determined by the Method of Standard Addition (MSA).
*	Indicates that the duplicate analysis is not within control limits.
+	Indicates the correlation coefficient for the MSA is less than 0.995.
D	Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
M	Method qualifiers “P” for ICP instrument “PM” for ICP when Microwave Digestion is used “CV” for Manual Cold Vapor AA “AV” for automated Cold Vapor AA “CA” for MIDI-Distillation Spectrophotometric “AS” for Semi -Automated Spectrophotometric “C” for Manual Spectrophotometric “T” for Titrimetric “NR” for analyte not required to be analyzed
OR	Indicates the analyte’s concentration exceeds the calibrated range of the instrument for that specific analysis.
Q	Indicates the LCS did not meet the control limits requirements
H	Sample Analysis Out Of Hold Time

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following “ Results Qualifiers” are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. “10 U”. This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value. This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as “12 B”.
E	Indicates the analyte ‘s concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a “P”.
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q3618

Completed

For thorough review, the report must have the following:

GENERAL:

Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)

✓

Check chain-of-custody for proper relinquish/return of samples

✓

Is the chain of custody signed and complete

✓

Check internal chain-of-custody for proper relinquish/return of samples /sample extracts

✓

Collect information for each project id from server. Were all requirements followed

✓

COVER PAGE:

Do numbers of samples correspond to the number of samples in the Chain of Custody on login page

✓

Do lab numbers and client Ids on cover page agree with the Chain of Custody

✓

CHAIN OF CUSTODY:

Do requested analyses on Chain of Custody agree with form I results

✓

Do requested analyses on Chain of Custody agree with the log-in page

✓

Were the correct method log-in for analysis according to the Analytical Request and Chain of Custody

✓

Were the samples received within hold time

✓

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: MOHAMMAD AHMED

Date: 12/03/2025

Hit Summary Sheet SW-846

SDG No.: Q3618
Client: ENTACT

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID: Q3618-02	EME-GENERAL-FILL EME-GENERAL-F SOIL		Methylene Chloride	6.70	J	2.80	8.00	ug/Kg
			Total Voc :	6.70				
			Total Concentration:	6.70				

A

B

C

D



SAMPLE DATA

Report of Analysis

Client: ENTACT
Project: Whittaker Coatings Site – E9125B
Client Sample ID: EME-TOP-SOIL
Lab Sample ID: Q3618-01
Analytical Method: 8260D
Sample Wt/Vol: 5.28 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/12/25
Date Received: 11/12/25
SDG No.: Q3618
Matrix: SOIL
% Solid: 70.3
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.50	U	1	1.50	6.70	ug/Kg	11/13/25 12:38	VY111325
74-87-3	Chloromethane	1.50	U	1	1.50	6.70	ug/Kg	11/13/25 12:38	VY111325
75-01-4	Vinyl Chloride	1.10	U	1	1.10	6.70	ug/Kg	11/13/25 12:38	VY111325
74-83-9	Bromomethane	1.40	U	1	1.40	6.70	ug/Kg	11/13/25 12:38	VY111325
75-00-3	Chloroethane	1.70	U	1	1.70	6.70	ug/Kg	11/13/25 12:38	VY111325
75-69-4	Trichlorofluoromethane	1.60	U	1	1.60	6.70	ug/Kg	11/13/25 12:38	VY111325
76-13-1	1,1,2-Trichlorotrifluoroethane	1.40	U	1	1.40	6.70	ug/Kg	11/13/25 12:38	VY111325
75-35-4	1,1-Dichloroethene	1.30	U	1	1.30	6.70	ug/Kg	11/13/25 12:38	VY111325
67-64-1	Acetone	6.40	U	1	6.40	33.7	ug/Kg	11/13/25 12:38	VY111325
75-15-0	Carbon Disulfide	1.40	U	1	1.40	6.70	ug/Kg	11/13/25 12:38	VY111325
1634-04-4	Methyl tert-butyl Ether	0.98	U	1	0.98	6.70	ug/Kg	11/13/25 12:38	VY111325
79-20-9	Methyl Acetate	2.10	U	1	2.10	6.70	ug/Kg	11/13/25 12:38	VY111325
75-09-2	Methylene Chloride	4.80	U	1	4.80	13.5	ug/Kg	11/13/25 12:38	VY111325
156-60-5	trans-1,2-Dichloroethene	1.20	U	1	1.20	6.70	ug/Kg	11/13/25 12:38	VY111325
75-34-3	1,1-Dichloroethane	1.10	U	1	1.10	6.70	ug/Kg	11/13/25 12:38	VY111325
110-82-7	Cyclohexane	1.10	U	1	1.10	6.70	ug/Kg	11/13/25 12:38	VY111325
78-93-3	2-Butanone	8.80	U	1	8.80	33.7	ug/Kg	11/13/25 12:38	VY111325
56-23-5	Carbon Tetrachloride	1.30	U	1	1.30	6.70	ug/Kg	11/13/25 12:38	VY111325
156-59-2	cis-1,2-Dichloroethene	1.00	U	1	1.00	6.70	ug/Kg	11/13/25 12:38	VY111325
74-97-5	Bromochloromethane	1.50	U	1	1.50	6.70	ug/Kg	11/13/25 12:38	VY111325
67-66-3	Chloroform	1.10	U	1	1.10	6.70	ug/Kg	11/13/25 12:38	VY111325
71-55-6	1,1,1-Trichloroethane	1.30	U	1	1.30	6.70	ug/Kg	11/13/25 12:38	VY111325
108-87-2	Methylcyclohexane	1.20	U	1	1.20	6.70	ug/Kg	11/13/25 12:38	VY111325
71-43-2	Benzene	1.10	U	1	1.10	6.70	ug/Kg	11/13/25 12:38	VY111325
107-06-2	1,2-Dichloroethane	1.10	U	1	1.10	6.70	ug/Kg	11/13/25 12:38	VY111325
79-01-6	Trichloroethene	1.10	U	1	1.10	6.70	ug/Kg	11/13/25 12:38	VY111325
78-87-5	1,2-Dichloropropane	1.20	U	1	1.20	6.70	ug/Kg	11/13/25 12:38	VY111325
75-27-4	Bromodichloromethane	1.10	U	1	1.10	6.70	ug/Kg	11/13/25 12:38	VY111325
108-10-1	4-Methyl-2-Pentanone	4.80	U	1	4.80	33.7	ug/Kg	11/13/25 12:38	VY111325
108-88-3	Toluene	1.10	U	1	1.10	6.70	ug/Kg	11/13/25 12:38	VY111325
10061-02-6	t-1,3-Dichloropropene	0.88	U	1	0.88	6.70	ug/Kg	11/13/25 12:38	VY111325
10061-01-5	cis-1,3-Dichloropropene	0.84	U	1	0.84	6.70	ug/Kg	11/13/25 12:38	VY111325
79-00-5	1,1,2-Trichloroethane	1.20	U	1	1.20	6.70	ug/Kg	11/13/25 12:38	VY111325
591-78-6	2-Hexanone	5.00	U	1	5.00	33.7	ug/Kg	11/13/25 12:38	VY111325
124-48-1	Dibromochloromethane	1.20	U	1	1.20	6.70	ug/Kg	11/13/25 12:38	VY111325
106-93-4	1,2-Dibromoethane	1.20	U	1	1.20	6.70	ug/Kg	11/13/25 12:38	VY111325
127-18-4	Tetrachloroethene	1.40	U	1	1.40	6.70	ug/Kg	11/13/25 12:38	VY111325
108-90-7	Chlorobenzene	1.20	U	1	1.20	6.70	ug/Kg	11/13/25 12:38	VY111325
100-41-4	Ethyl Benzene	0.90	U	1	0.90	6.70	ug/Kg	11/13/25 12:38	VY111325
179601-23-1	m/p-Xylenes	1.70	U	1	1.70	13.5	ug/Kg	11/13/25 12:38	VY111325
95-47-6	o-Xylene	1.10	U	1	1.10	6.70	ug/Kg	11/13/25 12:38	VY111325
100-42-5	Styrene	0.96	U	1	0.96	6.70	ug/Kg	11/13/25 12:38	VY111325
75-25-2	Bromoform	1.20	U	1	1.20	6.70	ug/Kg	11/13/25 12:38	VY111325

Report of Analysis

Client:	ENTACT	Date Collected:	11/12/25
Project:	Whittaker Coatings Site – E9125B	Date Received:	11/12/25
Client Sample ID:	EME-TOP-SOIL	SDG No.:	Q3618
Lab Sample ID:	Q3618-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	70.3
Sample Wt/Vol:	5.28 g	Test:	VOC-TCLVOA-10
	Level: LOW		
	Final Vol: 5000 uL		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	1.10	U	1	1.10	6.70	ug/Kg	11/13/25 12:38	VY111325
79-34-5	1,1,2,2-Tetrachloroethane	1.60	U	1	1.60	6.70	ug/Kg	11/13/25 12:38	VY111325
541-73-1	1,3-Dichlorobenzene	2.30	U	1	2.30	6.70	ug/Kg	11/13/25 12:38	VY111325
106-46-7	1,4-Dichlorobenzene	2.10	U	1	2.10	6.70	ug/Kg	11/13/25 12:38	VY111325
95-50-1	1,2-Dichlorobenzene	2.00	U	1	2.00	6.70	ug/Kg	11/13/25 12:38	VY111325
96-12-8	1,2-Dibromo-3-Chloropropane	2.50	U	1	2.50	6.70	ug/Kg	11/13/25 12:38	VY111325
120-82-1	1,2,4-Trichlorobenzene	4.00	U	1	4.00	6.70	ug/Kg	11/13/25 12:38	VY111325
87-61-6	1,2,3-Trichlorobenzene	4.30	U	1	4.30	6.70	ug/Kg	11/13/25 12:38	VY111325

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	59.7			63 - 155	119%	SPK: 50
1868-53-7	Dibromofluoromethane	52.8			70 - 134	106%	SPK: 50
2037-26-5	Toluene-d8	47.9			74 - 123	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	38.0			52 - 138	76%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	712000
540-36-3	1,4-Difluorobenzene	1230000
3114-55-4	Chlorobenzene-d5	949000
3855-82-1	1,4-Dichlorobenzene-d4	319000

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: ENTACT
Project: Whittaker Coatings Site – E9125B
Client Sample ID: EME-GENERAL-FILL
Lab Sample ID: Q3618-02
Analytical Method: 8260D
Sample Wt/Vol: 7.05 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/12/25
Date Received: 11/12/25
SDG No.: Q3618
Matrix: SOIL
% Solid: 88.2
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	0.92	U	1	0.92	4.00	ug/Kg	11/13/25 13:01	VY111325
74-87-3	Chloromethane	0.92	U	1	0.92	4.00	ug/Kg	11/13/25 13:01	VY111325
75-01-4	Vinyl Chloride	0.64	U	1	0.64	4.00	ug/Kg	11/13/25 13:01	VY111325
74-83-9	Bromomethane	0.86	U	1	0.86	4.00	ug/Kg	11/13/25 13:01	VY111325
75-00-3	Chloroethane	1.00	U	1	1.00	4.00	ug/Kg	11/13/25 13:01	VY111325
75-69-4	Trichlorofluoromethane	0.97	U	1	0.97	4.00	ug/Kg	11/13/25 13:01	VY111325
76-13-1	1,1,2-Trichlorotrifluoroethane	0.85	U	1	0.85	4.00	ug/Kg	11/13/25 13:01	VY111325
75-35-4	1,1-Dichloroethene	0.80	U	1	0.80	4.00	ug/Kg	11/13/25 13:01	VY111325
67-64-1	Acetone	3.80	U	1	3.80	20.1	ug/Kg	11/13/25 13:01	VY111325
75-15-0	Carbon Disulfide	0.85	U	1	0.85	4.00	ug/Kg	11/13/25 13:01	VY111325
1634-04-4	Methyl tert-butyl Ether	0.59	U	1	0.59	4.00	ug/Kg	11/13/25 13:01	VY111325
79-20-9	Methyl Acetate	1.20	U	1	1.20	4.00	ug/Kg	11/13/25 13:01	VY111325
75-09-2	Methylene Chloride	6.70	J	1	2.80	8.00	ug/Kg	11/13/25 13:01	VY111325
156-60-5	trans-1,2-Dichloroethene	0.69	U	1	0.69	4.00	ug/Kg	11/13/25 13:01	VY111325
75-34-3	1,1-Dichloroethane	0.64	U	1	0.64	4.00	ug/Kg	11/13/25 13:01	VY111325
110-82-7	Cyclohexane	0.64	U	1	0.64	4.00	ug/Kg	11/13/25 13:01	VY111325
78-93-3	2-Butanone	5.30	U	1	5.30	20.1	ug/Kg	11/13/25 13:01	VY111325
56-23-5	Carbon Tetrachloride	0.78	U	1	0.78	4.00	ug/Kg	11/13/25 13:01	VY111325
156-59-2	cis-1,2-Dichloroethene	0.60	U	1	0.60	4.00	ug/Kg	11/13/25 13:01	VY111325
74-97-5	Bromochloromethane	0.92	U	1	0.92	4.00	ug/Kg	11/13/25 13:01	VY111325
67-66-3	Chloroform	0.68	U	1	0.68	4.00	ug/Kg	11/13/25 13:01	VY111325
71-55-6	1,1,1-Trichloroethane	0.75	U	1	0.75	4.00	ug/Kg	11/13/25 13:01	VY111325
108-87-2	Methylcyclohexane	0.73	U	1	0.73	4.00	ug/Kg	11/13/25 13:01	VY111325
71-43-2	Benzene	0.64	U	1	0.64	4.00	ug/Kg	11/13/25 13:01	VY111325
107-06-2	1,2-Dichloroethane	0.64	U	1	0.64	4.00	ug/Kg	11/13/25 13:01	VY111325
79-01-6	Trichloroethene	0.65	U	1	0.65	4.00	ug/Kg	11/13/25 13:01	VY111325
78-87-5	1,2-Dichloropropane	0.73	U	1	0.73	4.00	ug/Kg	11/13/25 13:01	VY111325
75-27-4	Bromodichloromethane	0.63	U	1	0.63	4.00	ug/Kg	11/13/25 13:01	VY111325
108-10-1	4-Methyl-2-Pentanone	2.90	U	1	2.90	20.1	ug/Kg	11/13/25 13:01	VY111325
108-88-3	Toluene	0.63	U	1	0.63	4.00	ug/Kg	11/13/25 13:01	VY111325
10061-02-6	t-1,3-Dichloropropene	0.52	U	1	0.52	4.00	ug/Kg	11/13/25 13:01	VY111325
10061-01-5	cis-1,3-Dichloropropene	0.50	U	1	0.50	4.00	ug/Kg	11/13/25 13:01	VY111325
79-00-5	1,1,2-Trichloroethane	0.74	U	1	0.74	4.00	ug/Kg	11/13/25 13:01	VY111325
591-78-6	2-Hexanone	3.00	U	1	3.00	20.1	ug/Kg	11/13/25 13:01	VY111325
124-48-1	Dibromochloromethane	0.70	U	1	0.70	4.00	ug/Kg	11/13/25 13:01	VY111325
106-93-4	1,2-Dibromoethane	0.71	U	1	0.71	4.00	ug/Kg	11/13/25 13:01	VY111325
127-18-4	Tetrachloroethene	0.84	U	1	0.84	4.00	ug/Kg	11/13/25 13:01	VY111325
108-90-7	Chlorobenzene	0.73	U	1	0.73	4.00	ug/Kg	11/13/25 13:01	VY111325
100-41-4	Ethyl Benzene	0.54	U	1	0.54	4.00	ug/Kg	11/13/25 13:01	VY111325
179601-23-1	m/p-Xylenes	1.00	U	1	1.00	8.00	ug/Kg	11/13/25 13:01	VY111325
95-47-6	o-Xylene	0.66	U	1	0.66	4.00	ug/Kg	11/13/25 13:01	VY111325
100-42-5	Styrene	0.57	U	1	0.57	4.00	ug/Kg	11/13/25 13:01	VY111325
75-25-2	Bromoform	0.69	U	1	0.69	4.00	ug/Kg	11/13/25 13:01	VY111325

Report of Analysis

Client:	ENTACT	Date Collected:	11/12/25
Project:	Whittaker Coatings Site – E9125B	Date Received:	11/12/25
Client Sample ID:	EME-GENERAL-FILL	SDG No.:	Q3618
Lab Sample ID:	Q3618-02	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	88.2
Sample Wt/Vol:	7.05 g	Test:	VOC-TCLVOA-10
	Level: LOW		
	Final Vol: 5000 uL		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.63	U	1	0.63	4.00	ug/Kg	11/13/25 13:01	VY111325
79-34-5	1,1,2,2-Tetrachloroethane	0.97	U	1	0.97	4.00	ug/Kg	11/13/25 13:01	VY111325
541-73-1	1,3-Dichlorobenzene	1.40	U	1	1.40	4.00	ug/Kg	11/13/25 13:01	VY111325
106-46-7	1,4-Dichlorobenzene	1.30	U	1	1.30	4.00	ug/Kg	11/13/25 13:01	VY111325
95-50-1	1,2-Dichlorobenzene	1.20	U	1	1.20	4.00	ug/Kg	11/13/25 13:01	VY111325
96-12-8	1,2-Dibromo-3-Chloropropane	1.50	U	1	1.50	4.00	ug/Kg	11/13/25 13:01	VY111325
120-82-1	1,2,4-Trichlorobenzene	2.40	U	1	2.40	4.00	ug/Kg	11/13/25 13:01	VY111325
87-61-6	1,2,3-Trichlorobenzene	2.60	U	1	2.60	4.00	ug/Kg	11/13/25 13:01	VY111325

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	63.7			63 - 155	127%	SPK: 50
1868-53-7	Dibromofluoromethane	52.0			70 - 134	104%	SPK: 50
2037-26-5	Toluene-d8	49.3			74 - 123	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	44.7			52 - 138	89%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	750000
540-36-3	1,4-Difluorobenzene	1340000
3114-55-4	Chlorobenzene-d5	1140000
3855-82-1	1,4-Dichlorobenzene-d4	438000

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

LAB CHRONICLE

OrderID:	Q3618	OrderDate:	11/12/2025 2:35:43 PM
Client:	ENTACT	Project:	Whittaker Coatings Site – E9125B
Contact:	Austin Farmerie	Location:	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3618-01	EME-TOP-SOIL	SOIL	VOC-TCLVOA-10	8260D	11/12/25		11/13/25	11/12/25
Q3618-02	EME-GENERAL-FILL	SOIL	VOC-TCLVOA-10	8260D	11/12/25		11/13/25	11/12/25

Hit Summary Sheet SW-846

SDG No.: Q3618
Client: ENTACT

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : EME-TOP-SOIL								
Q3618-01	EME-TOP-SOIL	SOIL	Fluoranthene	210.000	J	42.6	240	ug/Kg
Q3618-01	EME-TOP-SOIL	SOIL	Pyrene	170.000	J	51.1	240	ug/Kg
Q3618-01	EME-TOP-SOIL	SOIL	Chrysene	130.000	J	28.3	240	ug/Kg
Q3618-01	EME-TOP-SOIL	SOIL	Bis(2-ethylhexyl)phthalate	150.000	J	84.1	240	ug/Kg
Q3618-01	EME-TOP-SOIL	SOIL	Benzo(b)fluoranthene	160.000	J	27	240	ug/Kg
Q3618-01	EME-TOP-SOIL	SOIL	Benzo(a)pyrene	110.000	J	41.9	240	ug/Kg
Total Svoc :				930.00				
Q3618-01	EME-TOP-SOIL	SOIL	10,18-Bisnorabieta-5,7,9(10),11,1.*	120.000	J	0	0	ug/Kg
Q3618-01	EME-TOP-SOIL	SOIL	Benzophenone*	360.000	J	0	0	ug/Kg
Q3618-01	EME-TOP-SOIL	SOIL	Cholest-4-en-3-one*	130.000	J	0	0	ug/Kg
Q3618-01	EME-TOP-SOIL	SOIL	Cholestan-3-ol, (3.alpha.,5.beta.)*	380.000	J	0	0	ug/Kg
Q3618-01	EME-TOP-SOIL	SOIL	Docosane*	120.000	J	0	0	ug/Kg
Q3618-01	EME-TOP-SOIL	SOIL	Heneicosane*	510.000	J	0	0	ug/Kg
Q3618-01	EME-TOP-SOIL	SOIL	n-Hexadecanoic acid*	560.000	J	0	0	ug/Kg
Q3618-01	EME-TOP-SOIL	SOIL	Nonacosane*	120.000	J	0	0	ug/Kg
Q3618-01	EME-TOP-SOIL	SOIL	Octadecane*	420.000	J	0	0	ug/Kg
Q3618-01	EME-TOP-SOIL	SOIL	Octadecane, 2-methyl-*	180.000	J	0	0	ug/Kg
Q3618-01	EME-TOP-SOIL	SOIL	Octadecanoic acid*	120.000	J	0	0	ug/Kg
Q3618-01	EME-TOP-SOIL	SOIL	p-Cymene*	160.000	J	0	0	ug/Kg
Q3618-01	EME-TOP-SOIL	SOIL	Tetratriacontyl pentafluoropropior*	450.000	J	0	0	ug/Kg
Total Tics :				3,630.00				
Total Concentration:				4,560.00				
Client ID : EME-GENERAL-FILL								
Q3618-02	EME-GENERAL-FILL	SOIL	Benzophenone*	240.000	J	0	0	ug/Kg
Q3618-02	EME-GENERAL-FILL	SOIL	Heptafluorobutyric acid, pentadec*	94.600	J	0	0	ug/Kg
Q3618-02	EME-GENERAL-FILL	SOIL	n-Hexadecanoic acid*	120.000	J	0	0	ug/Kg
Total Tics :				454.60				
Total Concentration:				454.60				



SAMPLE DATA

Report of Analysis

Client: ENTACT
Project: Whittaker Coatings Site – E9125B
Client Sample ID: EME-TOP-SOIL
Lab Sample ID: Q3618-01
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.04 g Final Vol: 1000 uL
Prep Method : SW3541 Prep Date: 11/13/25

Date Collected: 11/12/25
Date Received: 11/12/25
SDG No.: Q3618
Matrix: SOIL
% Solid: 70.3
Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	220	U	1	220	470	ug/Kg	11/13/25 17:41	PB170528
108-95-2	Phenol	31.4	U	1	31.4	240	ug/Kg	11/13/25 17:41	PB170528
111-44-4	bis(2-Chloroethyl)ether	34.5	U	1	34.5	240	ug/Kg	11/13/25 17:41	PB170528
95-57-8	2-Chlorophenol	34.7	U	1	34.7	240	ug/Kg	11/13/25 17:41	PB170528
95-48-7	2-Methylphenol	42.5	U	1	42.5	240	ug/Kg	11/13/25 17:41	PB170528
108-60-1	2,2-oxybis(1-Chloropropane)	53.3	U	1	53.3	240	ug/Kg	11/13/25 17:41	PB170528
98-86-2	Acetophenone	41.9	U	1	41.9	240	ug/Kg	11/13/25 17:41	PB170528
65794-96-9	3+4-Methylphenols	58.4	U	1	58.4	470	ug/Kg	11/13/25 17:41	PB170528
621-64-7	n-Nitroso-di-n-propylamine	67.3	U	1	67.3	110	ug/Kg	11/13/25 17:41	PB170528
67-72-1	Hexachloroethane	25.0	U	1	25.0	240	ug/Kg	11/13/25 17:41	PB170528
98-95-3	Nitrobenzene	26.0	U	1	26.0	240	ug/Kg	11/13/25 17:41	PB170528
78-59-1	Isophorone	46.6	U	1	46.6	240	ug/Kg	11/13/25 17:41	PB170528
88-75-5	2-Nitrophenol	82.7	U	1	82.7	240	ug/Kg	11/13/25 17:41	PB170528
105-67-9	2,4-Dimethylphenol	92.1	U	1	92.1	240	ug/Kg	11/13/25 17:41	PB170528
111-91-1	bis(2-Chloroethoxy)methane	43.8	U	1	43.8	240	ug/Kg	11/13/25 17:41	PB170528
120-83-2	2,4-Dichlorophenol	40.2	U	1	40.2	240	ug/Kg	11/13/25 17:41	PB170528
91-20-3	Naphthalene	32.2	U	1	32.2	240	ug/Kg	11/13/25 17:41	PB170528
106-47-8	4-Chloroaniline	50.3	U	1	50.3	240	ug/Kg	11/13/25 17:41	PB170528
87-68-3	Hexachlorobutadiene	35.9	U	1	35.9	240	ug/Kg	11/13/25 17:41	PB170528
105-60-2	Caprolactam	74.0	U	1	74.0	470	ug/Kg	11/13/25 17:41	PB170528
59-50-7	4-Chloro-3-methylphenol	40.8	U	1	40.8	240	ug/Kg	11/13/25 17:41	PB170528
91-57-6	2-Methylnaphthalene	36.4	U	1	36.4	240	ug/Kg	11/13/25 17:41	PB170528
77-47-4	Hexachlorocyclopentadiene	160	U	1	160	470	ug/Kg	11/13/25 17:41	PB170528
88-06-2	2,4,6-Trichlorophenol	28.1	U	1	28.1	240	ug/Kg	11/13/25 17:41	PB170528
95-95-4	2,4,5-Trichlorophenol	41.3	U	1	41.3	240	ug/Kg	11/13/25 17:41	PB170528
92-52-4	1,1-Biphenyl	31.0	U	1	31.0	240	ug/Kg	11/13/25 17:41	PB170528
91-58-7	2-Chloronaphthalene	32.0	U	1	32.0	240	ug/Kg	11/13/25 17:41	PB170528
88-74-4	2-Nitroaniline	68.3	U	1	68.3	240	ug/Kg	11/13/25 17:41	PB170528
131-11-3	Dimethylphthalate	38.5	U	1	38.5	240	ug/Kg	11/13/25 17:41	PB170528
208-96-8	Acenaphthylene	41.1	U	1	41.1	240	ug/Kg	11/13/25 17:41	PB170528
606-20-2	2,6-Dinitrotoluene	47.7	U	1	47.7	240	ug/Kg	11/13/25 17:41	PB170528
99-09-2	3-Nitroaniline	65.3	U	1	65.3	240	ug/Kg	11/13/25 17:41	PB170528
83-32-9	Acenaphthene	30.3	U	1	30.3	240	ug/Kg	11/13/25 17:41	PB170528
51-28-5	2,4-Dinitrophenol	330	U	1	330	470	ug/Kg	11/13/25 17:41	PB170528
100-02-7	4-Nitrophenol	150	U	1	150	470	ug/Kg	11/13/25 17:41	PB170528
132-64-9	Dibenzofuran	32.2	U	1	32.2	240	ug/Kg	11/13/25 17:41	PB170528
121-14-2	2,4-Dinitrotoluene	71.2	U	1	71.2	240	ug/Kg	11/13/25 17:41	PB170528
84-66-2	Diethylphthalate	40.2	U	1	40.2	240	ug/Kg	11/13/25 17:41	PB170528
7005-72-3	4-Chlorophenyl-phenylether	37.9	U	1	37.9	240	ug/Kg	11/13/25 17:41	PB170528
86-73-7	Fluorene	35.9	U	1	35.9	240	ug/Kg	11/13/25 17:41	PB170528
100-01-6	4-Nitroaniline	91.2	U	1	91.2	240	ug/Kg	11/13/25 17:41	PB170528
534-52-1	4,6-Dinitro-2-methylphenol	150	U	1	150	470	ug/Kg	11/13/25 17:41	PB170528

Report of Analysis

Client: ENTACT	Date Collected: 11/12/25
Project: Whittaker Coatings Site – E9125B	Date Received: 11/12/25
Client Sample ID: EME-TOP-SOIL	SDG No.: Q3618
Lab Sample ID: Q3618-01	Matrix: SOIL
Analytical Method: 8270E	% Solid: 70.3
Level: LOW	Test: SVOC-TCL BNA -20
Sample Wt/Vol: 30.04 g	
Final Vol: 1000 uL	
Prep Method: SW3541	
Prep Date: 11/13/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	46.7	U	1	46.7	240	ug/Kg	11/13/25 17:41	PB170528
101-55-3	4-Bromophenyl-phenylether	39.5	U	1	39.5	240	ug/Kg	11/13/25 17:41	PB170528
118-74-1	Hexachlorobenzene	35.9	U	1	35.9	240	ug/Kg	11/13/25 17:41	PB170528
1912-24-9	Atrazine	48.3	U	1	48.3	240	ug/Kg	11/13/25 17:41	PB170528
87-86-5	Pentachlorophenol	72.9	U	1	72.9	470	ug/Kg	11/13/25 17:41	PB170528
85-01-8	Phenanthrene	29.7	U	1	29.7	240	ug/Kg	11/13/25 17:41	PB170528
120-12-7	Anthracene	47.3	U	1	47.3	240	ug/Kg	11/13/25 17:41	PB170528
86-74-8	Carbazole	44.3	U	1	44.3	240	ug/Kg	11/13/25 17:41	PB170528
84-74-2	Di-n-butylphthalate	68.0	U	1	68.0	240	ug/Kg	11/13/25 17:41	PB170528
206-44-0	Fluoranthene	210	J	1	42.6	240	ug/Kg	11/13/25 17:41	PB170528
129-00-0	Pyrene	170	J	1	51.1	240	ug/Kg	11/13/25 17:41	PB170528
85-68-7	Butylbenzylphthalate	100	U	1	100	240	ug/Kg	11/13/25 17:41	PB170528
91-94-1	3,3-Dichlorobenzidine	52.1	U	1	52.1	470	ug/Kg	11/13/25 17:41	PB170528
56-55-3	Benzo(a)anthracene	32.7	U	1	32.7	240	ug/Kg	11/13/25 17:41	PB170528
218-01-9	Chrysene	130	J	1	28.3	240	ug/Kg	11/13/25 17:41	PB170528
117-81-7	Bis(2-ethylhexyl)phthalate	150	J	1	84.1	240	ug/Kg	11/13/25 17:41	PB170528
117-84-0	Di-n-octyl phthalate	120	U	1	120	470	ug/Kg	11/13/25 17:41	PB170528
205-99-2	Benzo(b)fluoranthene	160	J	1	27.0	240	ug/Kg	11/13/25 17:41	PB170528
207-08-9	Benzo(k)fluoranthene	31.8	U	1	31.8	240	ug/Kg	11/13/25 17:41	PB170528
50-32-8	Benzo(a)pyrene	110	J	1	41.9	240	ug/Kg	11/13/25 17:41	PB170528
193-39-5	Indeno(1,2,3-cd)pyrene	41.3	U	1	41.3	240	ug/Kg	11/13/25 17:41	PB170528
53-70-3	Dibenzo(a,h)anthracene	38.9	U	1	38.9	240	ug/Kg	11/13/25 17:41	PB170528
191-24-2	Benzo(g,h,i)perylene	36.5	U	1	36.5	240	ug/Kg	11/13/25 17:41	PB170528
95-94-3	1,2,4,5-Tetrachlorobenzene	36.4	U	1	36.4	240	ug/Kg	11/13/25 17:41	PB170528
123-91-1	1,4-Dioxane	64.2	U	1	64.2	240	ug/Kg	11/13/25 17:41	PB170528
58-90-2	2,3,4,6-Tetrachlorophenol	38.9	U	1	38.9	240	ug/Kg	11/13/25 17:41	PB170528

SURROGATES

367-12-4	2-Fluorophenol	88.9		10 - 105	59%	SPK: 150
13127-88-3	Phenol-d6	87.1		10 - 103	58%	SPK: 150
4165-60-0	Nitrobenzene-d5	62.4		10 - 108	62%	SPK: 100
321-60-8	2-Fluorobiphenyl	50.8		10 - 108	51%	SPK: 100
118-79-6	2,4,6-Tribromophenol	102		10 - 116	68%	SPK: 150
1718-51-0	Terphenyl-d14	47.8		10 - 109	48%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	331000
1146-65-2	Naphthalene-d8	1290000
15067-26-2	Acenaphthene-d10	806000
1517-22-2	Phenanthrene-d10	1620000
1719-03-5	Chrysene-d12	1680000
1520-96-3	Perylene-d12	1910000

TENTATIVE IDENTIFIED COMPOUNDS

000099-87-6	p-Cymene	160	J	7.81	ug/Kg
000119-61-9	Benzophenone	360	J	15.7	ug/Kg

Report of Analysis

Client:	ENTACT	Date Collected:	11/12/25
Project:	Whittaker Coatings Site – E9125B	Date Received:	11/12/25
Client Sample ID:	EME-TOP-SOIL	SDG No.:	Q3618
Lab Sample ID:	Q3618-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	70.3
Sample Wt/Vol:	30.04 g	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541		
	Level: LOW		
	Final Vol: 1000 uL		
	Prep Date: 11/13/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
000057-10-3	n-Hexadecanoic acid	560	J			18.1	ug/Kg		
006566-19-4	10,18-Bisnorabieta-5,7,9(10),11,13	120	J			19.3	ug/Kg		
000057-11-4	Octadecanoic acid	120	J			19.4	ug/Kg		
000629-97-0	Docosane	120	J			20.8	ug/Kg		
1000351-81-5	Tetratriacontyl pentafluoropropion	450	J			21.3	ug/Kg		
000630-03-5	Nonacosane	120	J			21.9	ug/Kg		
000593-45-3	Octadecane	420	J			22.5	ug/Kg		
001560-88-9	Octadecane, 2-methyl-	180	J			23.3	ug/Kg		
000629-94-7	Heneicosane	510	J			24.1	ug/Kg		
000516-92-7	Cholestan-3-ol, (3.alpha.,5.beta.)	380	J			26.8	ug/Kg		
000601-57-0	Cholest-4-en-3-one	130	J			29.4	ug/Kg		

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: ENTACT
Project: Whittaker Coatings Site – E9125B
Client Sample ID: EME-GENERAL-FILL
Lab Sample ID: Q3618-02
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.07 g Final Vol: 1000 uL
Prep Method : SW3541 Prep Date: 11/13/25

Date Collected: 11/12/25
Date Received: 11/12/25
SDG No.: Q3618
Matrix: SOIL
% Solid: 88.2
Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	180	U	1	180	370	ug/Kg	11/13/25 19:24	PB170528
108-95-2	Phenol	25.0	U	1	25.0	190	ug/Kg	11/13/25 19:24	PB170528
111-44-4	bis(2-Chloroethyl)ether	27.5	U	1	27.5	190	ug/Kg	11/13/25 19:24	PB170528
95-57-8	2-Chlorophenol	27.6	U	1	27.6	190	ug/Kg	11/13/25 19:24	PB170528
95-48-7	2-Methylphenol	33.8	U	1	33.8	190	ug/Kg	11/13/25 19:24	PB170528
108-60-1	2,2-oxybis(1-Chloropropane)	42.4	U	1	42.4	190	ug/Kg	11/13/25 19:24	PB170528
98-86-2	Acetophenone	33.4	U	1	33.4	190	ug/Kg	11/13/25 19:24	PB170528
65794-96-9	3+4-Methylphenols	46.5	U	1	46.5	370	ug/Kg	11/13/25 19:24	PB170528
621-64-7	n-Nitroso-di-n-propylamine	53.6	U	1	53.6	90.5	ug/Kg	11/13/25 19:24	PB170528
67-72-1	Hexachloroethane	19.9	U	1	19.9	190	ug/Kg	11/13/25 19:24	PB170528
98-95-3	Nitrobenzene	20.7	U	1	20.7	190	ug/Kg	11/13/25 19:24	PB170528
78-59-1	Isophorone	37.1	U	1	37.1	190	ug/Kg	11/13/25 19:24	PB170528
88-75-5	2-Nitrophenol	65.8	U	1	65.8	190	ug/Kg	11/13/25 19:24	PB170528
105-67-9	2,4-Dimethylphenol	73.3	U	1	73.3	190	ug/Kg	11/13/25 19:24	PB170528
111-91-1	bis(2-Chloroethoxy)methane	34.8	U	1	34.8	190	ug/Kg	11/13/25 19:24	PB170528
120-83-2	2,4-Dichlorophenol	32.0	U	1	32.0	190	ug/Kg	11/13/25 19:24	PB170528
91-20-3	Naphthalene	25.7	U	1	25.7	190	ug/Kg	11/13/25 19:24	PB170528
106-47-8	4-Chloroaniline	40.0	U	1	40.0	190	ug/Kg	11/13/25 19:24	PB170528
87-68-3	Hexachlorobutadiene	28.6	U	1	28.6	190	ug/Kg	11/13/25 19:24	PB170528
105-60-2	Caprolactam	58.9	U	1	58.9	370	ug/Kg	11/13/25 19:24	PB170528
59-50-7	4-Chloro-3-methylphenol	32.5	U	1	32.5	190	ug/Kg	11/13/25 19:24	PB170528
91-57-6	2-Methylnaphthalene	29.0	U	1	29.0	190	ug/Kg	11/13/25 19:24	PB170528
77-47-4	Hexachlorocyclopentadiene	130	U	1	130	370	ug/Kg	11/13/25 19:24	PB170528
88-06-2	2,4,6-Trichlorophenol	22.4	U	1	22.4	190	ug/Kg	11/13/25 19:24	PB170528
95-95-4	2,4,5-Trichlorophenol	32.9	U	1	32.9	190	ug/Kg	11/13/25 19:24	PB170528
92-52-4	1,1-Biphenyl	24.7	U	1	24.7	190	ug/Kg	11/13/25 19:24	PB170528
91-58-7	2-Chloronaphthalene	25.5	U	1	25.5	190	ug/Kg	11/13/25 19:24	PB170528
88-74-4	2-Nitroaniline	54.4	U	1	54.4	190	ug/Kg	11/13/25 19:24	PB170528
131-11-3	Dimethylphthalate	30.7	U	1	30.7	190	ug/Kg	11/13/25 19:24	PB170528
208-96-8	Acenaphthylene	32.7	U	1	32.7	190	ug/Kg	11/13/25 19:24	PB170528
606-20-2	2,6-Dinitrotoluene	38.0	U	1	38.0	190	ug/Kg	11/13/25 19:24	PB170528
99-09-2	3-Nitroaniline	52.0	U	1	52.0	190	ug/Kg	11/13/25 19:24	PB170528
83-32-9	Acenaphthene	24.1	U	1	24.1	190	ug/Kg	11/13/25 19:24	PB170528
51-28-5	2,4-Dinitrophenol	260	U	1	260	370	ug/Kg	11/13/25 19:24	PB170528
100-02-7	4-Nitrophenol	120	U	1	120	370	ug/Kg	11/13/25 19:24	PB170528
132-64-9	Dibenzofuran	25.7	U	1	25.7	190	ug/Kg	11/13/25 19:24	PB170528
121-14-2	2,4-Dinitrotoluene	56.7	U	1	56.7	190	ug/Kg	11/13/25 19:24	PB170528
84-66-2	Diethylphthalate	32.0	U	1	32.0	190	ug/Kg	11/13/25 19:24	PB170528
7005-72-3	4-Chlorophenyl-phenylether	30.2	U	1	30.2	190	ug/Kg	11/13/25 19:24	PB170528
86-73-7	Fluorene	28.6	U	1	28.6	190	ug/Kg	11/13/25 19:24	PB170528
100-01-6	4-Nitroaniline	72.6	U	1	72.6	190	ug/Kg	11/13/25 19:24	PB170528
534-52-1	4,6-Dinitro-2-methylphenol	120	U	1	120	370	ug/Kg	11/13/25 19:24	PB170528

Report of Analysis

Client:	ENTACT		Date Collected:	11/12/25
Project:	Whittaker Coatings Site – E9125B		Date Received:	11/12/25
Client Sample ID:	EME-GENERAL-FILL		SDG No.:	Q3618
Lab Sample ID:	Q3618-02		Matrix:	SOIL
Analytical Method:	8270E	Level: LOW	% Solid:	88.2
Sample Wt/Vol:	30.07 g	Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date: 11/13/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	37.2	U	1	37.2	190	ug/Kg	11/13/25 19:24	PB170528
101-55-3	4-Bromophenyl-phenylether	31.4	U	1	31.4	190	ug/Kg	11/13/25 19:24	PB170528
118-74-1	Hexachlorobenzene	28.6	U	1	28.6	190	ug/Kg	11/13/25 19:24	PB170528
1912-24-9	Atrazine	38.5	U	1	38.5	190	ug/Kg	11/13/25 19:24	PB170528
87-86-5	Pentachlorophenol	58.0	U	1	58.0	370	ug/Kg	11/13/25 19:24	PB170528
85-01-8	Phenanthrene	23.6	U	1	23.6	190	ug/Kg	11/13/25 19:24	PB170528
120-12-7	Anthracene	37.7	U	1	37.7	190	ug/Kg	11/13/25 19:24	PB170528
86-74-8	Carbazole	35.3	U	1	35.3	190	ug/Kg	11/13/25 19:24	PB170528
84-74-2	Di-n-butylphthalate	54.2	U	1	54.2	190	ug/Kg	11/13/25 19:24	PB170528
206-44-0	Fluoranthene	33.9	U	1	33.9	190	ug/Kg	11/13/25 19:24	PB170528
129-00-0	Pyrene	40.7	U	1	40.7	190	ug/Kg	11/13/25 19:24	PB170528
85-68-7	Butylbenzylphthalate	80.8	U	1	80.8	190	ug/Kg	11/13/25 19:24	PB170528
91-94-1	3,3-Dichlorobenzidine	41.5	U	1	41.5	370	ug/Kg	11/13/25 19:24	PB170528
56-55-3	Benzo(a)anthracene	26.0	U	1	26.0	190	ug/Kg	11/13/25 19:24	PB170528
218-01-9	Chrysene	22.5	U	1	22.5	190	ug/Kg	11/13/25 19:24	PB170528
117-81-7	Bis(2-ethylhexyl)phthalate	67.0	U	1	67.0	190	ug/Kg	11/13/25 19:24	PB170528
117-84-0	Di-n-octyl phthalate	98.2	U	1	98.2	370	ug/Kg	11/13/25 19:24	PB170528
205-99-2	Benzo(b)fluoranthene	21.5	U	1	21.5	190	ug/Kg	11/13/25 19:24	PB170528
207-08-9	Benzo(k)fluoranthene	25.3	U	1	25.3	190	ug/Kg	11/13/25 19:24	PB170528
50-32-8	Benzo(a)pyrene	33.4	U	1	33.4	190	ug/Kg	11/13/25 19:24	PB170528
193-39-5	Indeno(1,2,3-cd)pyrene	32.9	U	1	32.9	190	ug/Kg	11/13/25 19:24	PB170528
53-70-3	Dibenzo(a,h)anthracene	31.0	U	1	31.0	190	ug/Kg	11/13/25 19:24	PB170528
191-24-2	Benzo(g,h,i)perylene	29.1	U	1	29.1	190	ug/Kg	11/13/25 19:24	PB170528
95-94-3	1,2,4,5-Tetrachlorobenzene	29.0	U	1	29.0	190	ug/Kg	11/13/25 19:24	PB170528
123-91-1	1,4-Dioxane	51.1	U	1	51.1	190	ug/Kg	11/13/25 19:24	PB170528
58-90-2	2,3,4,6-Tetrachlorophenol	31.0	U	1	31.0	190	ug/Kg	11/13/25 19:24	PB170528

SURROGATES

367-12-4	2-Fluorophenol	87.8		10 - 105	59%	SPK: 150
13127-88-3	Phenol-d6	86.5		10 - 103	58%	SPK: 150
4165-60-0	Nitrobenzene-d5	55.7		10 - 108	56%	SPK: 100
321-60-8	2-Fluorobiphenyl	54.9		10 - 108	55%	SPK: 100
118-79-6	2,4,6-Tribromophenol	80.8		10 - 116	54%	SPK: 150
1718-51-0	Terphenyl-d14	55.3		10 - 109	55%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	35300
1146-65-2	Naphthalene-d8	131000
15067-26-2	Acenaphthene-d10	104000
1517-22-2	Phenanthrene-d10	249000
1719-03-5	Chrysene-d12	303000
1520-96-3	Perylene-d12	329000

TENTATIVE IDENTIFIED COMPOUNDS

000119-61-9	Benzophenone	240	J	16.1	ug/Kg
000057-10-3	n-Hexadecanoic acid	120	J	18.4	ug/Kg

Report of Analysis

Client:	ENTACT	Date Collected:	11/12/25
Project:	Whittaker Coatings Site – E9125B	Date Received:	11/12/25
Client Sample ID:	EME-GENERAL-FILL	SDG No.:	Q3618
Lab Sample ID:	Q3618-02	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	88.2
	Level: LOW	Test:	SVOC-TCL BNA -20
Sample Wt/Vol:	30.07 g		
	Final Vol: 1000 uL		
Prep Method :	SW3541		
	Prep Date: 11/13/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
959261-23-5	Heptafluorobutyric acid, pentadecy	94.6	J			21.4	ug/Kg		

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

LAB CHRONICLE

OrderID:	Q3618	OrderDate:	11/12/2025 2:35:43 PM
Client:	ENTACT	Project:	Whittaker Coatings Site – E9125B
Contact:	Austin Farmerie	Location:	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3618-01	EME-TOP-SOIL	SOIL	SVOC-TCL BNA -20	8270E	11/12/25	11/13/25	11/13/25	11/12/25
Q3618-02	EME-GENERAL-FILL	SOIL	SVOC-TCL BNA -20	8270E	11/12/25	11/13/25	11/13/25	11/12/25



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

Hit Summary Sheet
SW-846

SDG No.: Q3618
Client: ENTACT

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



SAMPLE DATA

Report of Analysis

Client:	ENTACT		Date Collected:	11/12/25
Project:	Whittaker Coatings Site – E9125B		Date Received:	11/12/25
Client Sample ID:	EME-TOP-SOIL		SDG No.:	Q3618
Lab Sample ID:	Q3618-01		Matrix:	SOIL
Analytical Method:	SW8270ESIM	Level: LOW	% Solid:	70.3
Sample Wt/Vol:	30.05 g	Final Vol: 1000 uL	Test:	SVOC-SIMGroup1
Prep Method :	sw3541	Prep Date: 11/18/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
123-91-1	1,4-Dioxane	2.20	U	1	2.20	9.40	ug/Kg	12/01/25 21:29	PB170590
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.24			17 - 161	60%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.27			23 - 138	66%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.26			33 - 121	65%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.28			32 - 121	70%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.24			21 - 130	59%	SPK: 0.4		
INTERNAL STANDARDS									
		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	8790							
1146-65-2	Naphthalene-d8	25100							
15067-26-2	Acenaphthene-d10	12300							
1517-22-2	Phenanthrene-d10	20200							
1719-03-5	Chrysene-d12	16100							
1520-96-3	Perylene-d12	17400							

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:	ENTACT		Date Collected:	11/12/25
Project:	Whittaker Coatings Site – E9125B		Date Received:	11/12/25
Client Sample ID:	EME-GENERAL-FILL		SDG No.:	Q3618
Lab Sample ID:	Q3618-02		Matrix:	SOIL
Analytical Method:	SW8270ESIM	Level: LOW	% Solid:	88.2
Sample Wt/Vol:	30.07 g	Final Vol: 1000 uL	Test:	SVOC-SIMGroup1
Prep Method :	sw3541	Prep Date: 11/18/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
123-91-1	1,4-Dioxane	1.80	U	1	1.80	7.50	ug/Kg	12/01/25 19:40	PB170590
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.35			17 - 161	86%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.37			23 - 138	93%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.37			33 - 121	92%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.39			32 - 121	98%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.40			21 - 130	101%	SPK: 0.4		
INTERNAL STANDARDS									
		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	7300							
1146-65-2	Naphthalene-d8	22500							
15067-26-2	Acenaphthene-d10	12100							
1517-22-2	Phenanthrene-d10	19200							
1719-03-5	Chrysene-d12	12400							
1520-96-3	Perylene-d12	13200							

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

LAB CHRONICLE

OrderID:	Q3618	OrderDate:	11/12/2025 2:35:43 PM
Client:	ENTACT	Project:	Whittaker Coatings Site – E9125B
Contact:	Austin Farmerie	Location:	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3618-01	EME-TOP-SOIL	SOIL			11/12/25			11/12/25
			SVOC-SIMGroup1	8270-Modified		11/18/25	12/01/25	
			SVOC-TCL BNA -20	8270E		11/13/25	11/13/25	
Q3618-02	EME-GENERAL-FILL	SOIL			11/12/25			11/12/25
			SVOC-SIMGroup1	8270-Modified		11/18/25	12/01/25	
			SVOC-TCL BNA -20	8270E		11/13/25	11/13/25	
Q3618-02MS	EME-GENERAL-FILLMS	SOIL			11/12/25			11/12/25
			SVOC-SIMGroup1	8270-Modified		11/18/25	12/01/25	
Q3618-02MS	EME-GENERAL-FILLMS	SOIL			11/12/25			11/12/25
D	D		SVOC-SIMGroup1	8270-Modified		11/18/25	12/01/25	

Hit Summary Sheet
SW-846

SDG No.: Q3618

Order ID: Q3618

Client: ENTACT

Project ID: Whittaker Coatings Site – E9125B

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : EME-TOP-SOIL								
Q3618-01	EME-TOP-SOIL	SOIL	4,4-DDE	0.81	J	0.20	2.40	ug/kg
Q3618-01	EME-TOP-SOIL	SOIL	4,4-DDT	0.36	J	0.20	2.40	ug/kg
Q3618-01	EME-TOP-SOIL	SOIL	alpha-Chlordane	0.58	JP	0.17	2.40	ug/kg
Total Concentration:				1.750				

A

B

C

D



SAMPLE DATA

Report of Analysis

Client:	ENTACT		Date Collected:	11/12/25
Project:	Whittaker Coatings Site – E9125B		Date Received:	11/12/25
Client Sample ID:	EME-TOP-SOIL		SDG No.:	Q3618
Lab Sample ID:	Q3618-01		Matrix:	SOIL
Analytical Method:	8081B		% Solid:	70.3
Sample Wt/Vol:	30.08 g	Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	SW3541B	Prep Date: 11/13/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.18	U	1	0.18	2.40	ug/kg	11/13/25 15:01	PB170527
319-85-7	beta-BHC	0.26	U	1	0.26	2.40	ug/kg	11/13/25 15:01	PB170527
319-86-8	delta-BHC	0.55	U	1	0.55	2.40	ug/kg	11/13/25 15:01	PB170527
58-89-9	gamma-BHC (Lindane)	0.20	U	1	0.20	2.40	ug/kg	11/13/25 15:01	PB170527
76-44-8	Heptachlor	0.17	U	1	0.17	2.40	ug/kg	11/13/25 15:01	PB170527
309-00-2	Aldrin	0.17	U	1	0.17	2.40	ug/kg	11/13/25 15:01	PB170527
1024-57-3	Heptachlor epoxide	0.27	U	1	0.27	2.40	ug/kg	11/13/25 15:01	PB170527
959-98-8	Endosulfan I	0.20	U	1	0.20	2.40	ug/kg	11/13/25 15:01	PB170527
60-57-1	Dieldrin	0.20	U	1	0.20	2.40	ug/kg	11/13/25 15:01	PB170527
72-55-9	4,4-DDE	0.81	J	1	0.20	2.40	ug/kg	11/13/25 15:01	PB170527
72-20-8	Endrin	0.20	U	1	0.20	2.40	ug/kg	11/13/25 15:01	PB170527
33213-65-9	Endosulfan II	0.41	U	1	0.41	2.40	ug/kg	11/13/25 15:01	PB170527
72-54-8	4,4-DDD	0.21	U	1	0.21	2.40	ug/kg	11/13/25 15:01	PB170527
1031-07-8	Endosulfan Sulfate	0.18	U	1	0.18	2.40	ug/kg	11/13/25 15:01	PB170527
50-29-3	4,4-DDT	0.36	J	1	0.20	2.40	ug/kg	11/13/25 15:01	PB170527
72-43-5	Methoxychlor	0.52	U	1	0.52	2.40	ug/kg	11/13/25 15:01	PB170527
53494-70-5	Endrin ketone	0.27	U	1	0.27	2.40	ug/kg	11/13/25 15:01	PB170527
7421-93-4	Endrin aldehyde	0.52	U	1	0.52	2.40	ug/kg	11/13/25 15:01	PB170527
5103-71-9	alpha-Chlordane	0.58	JP	1	0.17	2.40	ug/kg	11/13/25 15:01	PB170527
5103-74-2	gamma-Chlordane	0.21	U	1	0.21	2.40	ug/kg	11/13/25 15:01	PB170527
8001-35-2	Toxaphene	7.70	U	1	7.70	46.8	ug/kg	11/13/25 15:01	PB170527
SURROGATES									
2051-24-3	Decachlorobiphenyl	6.85			10 - 143	34%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	10.7			10 - 131	54%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

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E = Value Exceeds Calibration Range

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N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	ENTACT		Date Collected:	11/12/25
Project:	Whittaker Coatings Site – E9125B		Date Received:	11/12/25
Client Sample ID:	EME-GENERAL-FILL		SDG No.:	Q3618
Lab Sample ID:	Q3618-02		Matrix:	SOIL
Analytical Method:	8081B		% Solid:	88.2
Sample Wt/Vol:	30.02 g	Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	SW3541B	Prep Date: 11/13/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.15	U	1	0.15	1.90	ug/kg	11/13/25 15:14	PB170527
319-85-7	beta-BHC	0.20	U	1	0.20	1.90	ug/kg	11/13/25 15:14	PB170527
319-86-8	delta-BHC	0.44	U	1	0.44	1.90	ug/kg	11/13/25 15:14	PB170527
58-89-9	gamma-BHC (Lindane)	0.16	U	1	0.16	1.90	ug/kg	11/13/25 15:14	PB170527
76-44-8	Heptachlor	0.14	U	1	0.14	1.90	ug/kg	11/13/25 15:14	PB170527
309-00-2	Aldrin	0.14	U	1	0.14	1.90	ug/kg	11/13/25 15:14	PB170527
1024-57-3	Heptachlor epoxide	0.22	U	1	0.22	1.90	ug/kg	11/13/25 15:14	PB170527
959-98-8	Endosulfan I	0.16	U	1	0.16	1.90	ug/kg	11/13/25 15:14	PB170527
60-57-1	Dieldrin	0.16	U	1	0.16	1.90	ug/kg	11/13/25 15:14	PB170527
72-55-9	4,4-DDE	0.16	U	1	0.16	1.90	ug/kg	11/13/25 15:14	PB170527
72-20-8	Endrin	0.16	U	1	0.16	1.90	ug/kg	11/13/25 15:14	PB170527
33213-65-9	Endosulfan II	0.33	U	1	0.33	1.90	ug/kg	11/13/25 15:14	PB170527
72-54-8	4,4-DDD	0.17	U	1	0.17	1.90	ug/kg	11/13/25 15:14	PB170527
1031-07-8	Endosulfan Sulfate	0.15	U	1	0.15	1.90	ug/kg	11/13/25 15:14	PB170527
50-29-3	4,4-DDT	0.16	U	1	0.16	1.90	ug/kg	11/13/25 15:14	PB170527
72-43-5	Methoxychlor	0.42	U	1	0.42	1.90	ug/kg	11/13/25 15:14	PB170527
53494-70-5	Endrin ketone	0.22	U	1	0.22	1.90	ug/kg	11/13/25 15:14	PB170527
7421-93-4	Endrin aldehyde	0.42	U	1	0.42	1.90	ug/kg	11/13/25 15:14	PB170527
5103-71-9	alpha-Chlordane	0.14	U	1	0.14	1.90	ug/kg	11/13/25 15:14	PB170527
5103-74-2	gamma-Chlordane	0.17	U	1	0.17	1.90	ug/kg	11/13/25 15:14	PB170527
8001-35-2	Toxaphene	6.10	U	1	6.10	37.4	ug/kg	11/13/25 15:14	PB170527
SURROGATES									
2051-24-3	Decachlorobiphenyl	18.3			10 - 143	92%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	21.0			10 - 131	105%	SPK: 20		

U = Not Detected

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() = Laboratory InHouse Limit

LAB CHRONICLE

OrderID:	Q3618	OrderDate:	11/12/2025 2:35:43 PM
Client:	ENTACT	Project:	Whittaker Coatings Site – E9125B
Contact:	Austin Farmerie	Location:	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3618-01	EME-TOP-SOIL	SOIL			11/12/25			11/12/25
			Herbicide	8151A		11/13/25	11/13/25	
			PCB	8082A		11/13/25	11/13/25	
			Pesticide-TCL	8081B		11/13/25	11/13/25	
Q3618-02	EME-GENERAL-FILL	SOIL			11/12/25			11/12/25
			Herbicide	8151A		11/13/25	11/13/25	
			PCB	8082A		11/13/25	11/13/25	
			Pesticide-TCL	8081B		11/13/25	11/13/25	

Hit Summary Sheet
SW-846

A

SDG No.:

Q3618

Order ID:

Q3618

Client:

ENTACT

Project ID:

Whittaker Coatings Site – E9125B

B

C

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

D



SAMPLE DATA

Report of Analysis

Client:	ENTACT		Date Collected:	11/12/25
Project:	Whittaker Coatings Site – E9125B		Date Received:	11/12/25
Client Sample ID:	EME-TOP-SOIL		SDG No.:	Q3618
Lab Sample ID:	Q3618-01		Matrix:	SOIL
Analytical Method:	8082A		% Solid:	70.3
Sample Wt/Vol:	30.08 g	Final Vol: 10000 uL	Test:	PCB
Prep Method:	SW3541B	Prep Date: 11/13/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	5.60	U	1	5.60	24.1	ug/kg	11/13/25 13:09	PB170526
11104-28-2	Aroclor-1221	5.70	U	1	5.70	24.1	ug/kg	11/13/25 13:09	PB170526
11141-16-5	Aroclor-1232	5.30	U	1	5.30	24.1	ug/kg	11/13/25 13:09	PB170526
53469-21-9	Aroclor-1242	5.70	U	1	5.70	24.1	ug/kg	11/13/25 13:09	PB170526
12672-29-6	Aroclor-1248	8.40	U	1	8.40	24.1	ug/kg	11/13/25 13:09	PB170526
11097-69-1	Aroclor-1254	4.60	U	1	4.60	24.1	ug/kg	11/13/25 13:09	PB170526
37324-23-5	Aroclor-1262	7.10	U	1	7.10	24.1	ug/kg	11/13/25 13:09	PB170526
11100-14-4	Aroclor-1268	5.10	U	1	5.10	24.1	ug/kg	11/13/25 13:09	PB170526
11096-82-5	Aroclor-1260	4.60	U	1	4.60	24.1	ug/kg	11/13/25 13:09	PB170526
SURROGATES									
877-09-8	Tetrachloro-m-xylene	23.4			21 - 165	117%	SPK: 20		
2051-24-3	Decachlorobiphenyl	11.5			10 - 170	58%	SPK: 20		

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S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	ENTACT		Date Collected:	11/12/25
Project:	Whittaker Coatings Site – E9125B		Date Received:	11/12/25
Client Sample ID:	EME-GENERAL-FILL		SDG No.:	Q3618
Lab Sample ID:	Q3618-02		Matrix:	SOIL
Analytical Method:	8082A		% Solid:	88.2
Sample Wt/Vol:	30.02 g	Final Vol: 10000 uL	Test:	PCB
Prep Method:	SW3541B	Prep Date: 11/13/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	4.50	U	1	4.50	19.3	ug/kg	11/13/25 13:26	PB170526
11104-28-2	Aroclor-1221	4.60	U	1	4.60	19.3	ug/kg	11/13/25 13:26	PB170526
11141-16-5	Aroclor-1232	4.20	U	1	4.20	19.3	ug/kg	11/13/25 13:26	PB170526
53469-21-9	Aroclor-1242	4.50	U	1	4.50	19.3	ug/kg	11/13/25 13:26	PB170526
12672-29-6	Aroclor-1248	6.70	U	1	6.70	19.3	ug/kg	11/13/25 13:26	PB170526
11097-69-1	Aroclor-1254	3.60	U	1	3.60	19.3	ug/kg	11/13/25 13:26	PB170526
37324-23-5	Aroclor-1262	5.70	U	1	5.70	19.3	ug/kg	11/13/25 13:26	PB170526
11100-14-4	Aroclor-1268	4.10	U	1	4.10	19.3	ug/kg	11/13/25 13:26	PB170526
11096-82-5	Aroclor-1260	3.70	U	1	3.70	19.3	ug/kg	11/13/25 13:26	PB170526
SURROGATES									
877-09-8	Tetrachloro-m-xylene	28.6			21 - 165	143%	SPK: 20		
2051-24-3	Decachlorobiphenyl	22.5			10 - 170	112%	SPK: 20		

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() = Laboratory InHouse Limit

LAB CHRONICLE

OrderID:	Q3618	OrderDate:	11/12/2025 2:35:43 PM
Client:	ENTACT	Project:	Whittaker Coatings Site – E9125B
Contact:	Austin Farmerie	Location:	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3618-01	EME-TOP-SOIL	SOIL	PCB	8082A	11/12/25	11/13/25	11/13/25	11/12/25
Q3618-02	EME-GENERAL-FILL	SOIL	PCB	8082A	11/12/25	11/13/25	11/13/25	11/12/25

Hit Summary Sheet
SW-846

A

B

C

D

SDG No.:	Q3618	Order ID:	Q3618
Client:	ENTACT	Project ID:	Whittaker Coatings Site – E9125B

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

Total Concentration: 0.000



SAMPLE DATA

Report of Analysis

Client:	ENTACT		Date Collected:	11/12/25
Project:	Whittaker Coatings Site – E9125B		Date Received:	11/12/25
Client Sample ID:	EME-TOP-SOIL		SDG No.:	Q3618
Lab Sample ID:	Q3618-01		Matrix:	SOIL
Analytical Method:	8151A		% Solid:	70.3
Sample Wt/Vol:	30.06 g	Final Vol: 10000 uL	Test:	Herbicide
Prep Method:	8151A	Prep Date: 11/13/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
1918-00-9	DICAMBA	11.0	U	1	11.0	95.1	ug/Kg	11/13/25 19:52	PB170525
120-36-5	DICHLORPROP	18.2	U	1	18.2	95.1	ug/Kg	11/13/25 19:52	PB170525
94-75-7	2,4-D	12.8	U	1	12.8	95.1	ug/Kg	11/13/25 19:52	PB170525
93-72-1	2,4,5-TP (Silvex)	12.9	U	1	12.9	95.1	ug/Kg	11/13/25 19:52	PB170525
93-76-5	2,4,5-T	12.4	U	1	12.4	95.1	ug/Kg	11/13/25 19:52	PB170525
94-82-6	2,4-DB	34.4	U	1	34.4	95.1	ug/Kg	11/13/25 19:52	PB170525
88-85-7	DINOSEB	15.3	U	1	15.3	95.1	ug/Kg	11/13/25 19:52	PB170525
SURROGATES									
19719-28-9	2,4-DCAA	290			10 - 141	58%	SPK: 500		

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() = Laboratory InHouse Limit

Report of Analysis

Client:	ENTACT		Date Collected:	11/12/25
Project:	Whittaker Coatings Site – E9125B		Date Received:	11/12/25
Client Sample ID:	EME-GENERAL-FILL		SDG No.:	Q3618
Lab Sample ID:	Q3618-02		Matrix:	SOIL
Analytical Method:	8151A		% Solid:	88.2
Sample Wt/Vol:	30.09 g	Final Vol: 10000 uL	Test:	Herbicide
Prep Method:	8151A	Prep Date: 11/13/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
1918-00-9	DICAMBA	8.80	U	1	8.80	75.7	ug/Kg	11/13/25 20:16	PB170525
120-36-5	DICHLORPROP	14.5	U	1	14.5	75.7	ug/Kg	11/13/25 20:16	PB170525
94-75-7	2,4-D	10.2	U	1	10.2	75.7	ug/Kg	11/13/25 20:16	PB170525
93-72-1	2,4,5-TP (Silvex)	10.2	U	1	10.2	75.7	ug/Kg	11/13/25 20:16	PB170525
93-76-5	2,4,5-T	9.80	U	1	9.80	75.7	ug/Kg	11/13/25 20:16	PB170525
94-82-6	2,4-DB	27.4	U	1	27.4	75.7	ug/Kg	11/13/25 20:16	PB170525
88-85-7	DINOSEB	12.2	U	1	12.2	75.7	ug/Kg	11/13/25 20:16	PB170525
SURROGATES									
19719-28-9	2,4-DCAA	369			10 - 141	74%	SPK: 500		

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() = Laboratory InHouse Limit

LAB CHRONICLE

OrderID:	Q3618	OrderDate:	11/12/2025 2:35:43 PM
Client:	ENTACT	Project:	Whittaker Coatings Site – E9125B
Contact:	Austin Farmerie	Location:	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3618-01	EME-TOP-SOIL	SOIL			11/12/25			11/12/25
			Herbicide	8151A		11/13/25	11/13/25	
			PCB	8082A		11/13/25	11/13/25	
			Pesticide-TCL	8081B		11/13/25	11/13/25	
			EPH	NJEPH		11/17/25	11/17/25	
Q3618-02	EME-GENERAL-FILL	SOIL			11/12/25			11/12/25
			Herbicide	8151A		11/13/25	11/13/25	
			PCB	8082A		11/13/25	11/13/25	
			Pesticide-TCL	8081B		11/13/25	11/13/25	
			EPH	NJEPH		11/17/25	11/17/25	



SAMPLE DATA

Report of Analysis

Client:	ENTACT	Date Collected:	11/12/25
Project:	Whittaker Coatings Site – E9125B	Date Received:	11/12/25
Client Sample ID:	EME-TOP-SOIL	SDG No.:	Q3618
Lab Sample ID:	Q3618-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	70.3
Sample Wt/Vol:	30.06 g	Test:	EPH
Prep Method :	Final Vol: 2000 uL Prep Date : 11/17/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C9-C12	Aliphatic C9-C12	0.37	J	1	0.20	1.42	mg/kg	FG016935.D	11/17/25 20:58	PB170577
Aliphatic C12-C16	Aliphatic C12-C16	1.32		1	0.16	0.95	mg/kg	FG016935.D	11/17/25 20:58	PB170577
Aliphatic C16-C21	Aliphatic C16-C21	4.74		1	0.19	1.42	mg/kg	FG016935.D	11/17/25 20:58	PB170577
Aliphatic C21-C28	Aliphatic C21-C28	0.88	J	1	0.75	1.89	mg/kg	FG016935.D	11/17/25 20:58	PB170577
Aliphatic C28-C40	Aliphatic C28-C40	3.94		1	1.68	2.84	mg/kg	FG016935.D	11/17/25 20:58	PB170577
Aromatic C10-C12	Aromatic C10-C12	0.23	J	1	0.17	0.95	mg/kg	FF016728.D	11/17/25 20:58	PB170577
Aromatic C12-C16	Aromatic C12-C16	0.47	J	1	0.33	1.42	mg/kg	FF016728.D	11/17/25 20:58	PB170577
Aromatic C16-C21	Aromatic C16-C21	2.33	J	1	0.57	2.37	mg/kg	FF016728.D	11/17/25 20:58	PB170577
Aromatic C21-C36	Aromatic C21-C36	2.48	J	1	1.69	3.79	mg/kg	FF016728.D	11/17/25 20:58	PB170577
Total AliphaticEPH	Total AliphaticEPH	11.2			2.97	8.52	mg/kg			
Total AromaticEPH	Total AromaticEPH	5.51	J		2.75	8.53	mg/kg			
Total EPH	Total EPH	16.8	J		5.73	17.0	mg/kg			

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

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	ENTACT	Date Collected:	11/12/25
Project:	Whittaker Coatings Site – E9125B	Date Received:	11/12/25
Client Sample ID:	EME-TOP-SOIL	SDG No.:	Q3618
Lab Sample ID:	Q3618-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	70.3
Sample Wt/Vol:	30.06 g	Final Vol:	2000 uL
Prep Method :		Test:	EPH
	Prep Date	11/17/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aromatic C10-C12	Aromatic C10-C12	0.23	J	1	0.17	0.95	mg/kg	11/17/25	PB170577
Aromatic C12-C16	Aromatic C12-C16	0.47	J	1	0.33	1.42	mg/kg	11/17/25	PB170577
Aromatic C16-C21	Aromatic C16-C21	2.33	J	1	0.57	2.37	mg/kg	11/17/25	PB170577
Aromatic C21-C36	Aromatic C21-C36	2.48	J	1	1.69	3.79	mg/kg	11/17/25	PB170577
SURROGATES									
580-13-2	2-Bromonaphthalene (SURR)	48.3			40 - 140	97%	SPK: 50		
321-60-8	2-Fluorobiphenyl (SURR)	51.0			40 - 140	102%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	41.7			40 - 140	83%	SPK: 50		

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q3618-01	Acq On:	17 Nov 2025 20:58
Client Sample ID:	EME-TOP-SOIL	Operator:	YP\AJ
Data file:	FF016728.D	Misc:	
Instrument:	FID_F	ALS Vial:	82
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.502	6.378	323142	2.449	200	ug/ml
Aromatic C12-C16	6.379	9.083	663418	4.908	300	ug/ml
Aromatic C16-C21	9.084	13.405	3292837	24.621	500	ug/ml
Aromatic C21-C36	13.406	18.870	3082056	26.193	800	ug/ml
Aromatic EPH	4.502	18.870	7361453	58.171		ug/ml
2-Bromonaphthalene (SURR)	8.010	8.010	5476977	48.33		ug/ml
2-Fluorobiphenyl (SURR)	8.886	8.886	3636638	50.99		ug/ml
ortho-Terphenyl (SURR)	11.954	11.954	6127038	41.72		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	11/12/25
Project:	Whittaker Coatings Site – E9125B	Date Received:	11/12/25
Client Sample ID:	EME-TOP-SOIL	SDG No.:	Q3618
Lab Sample ID:	Q3618-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	70.3
Sample Wt/Vol:	30.06 g	Final Vol:	2000 uL
Prep Method :		Test:	EPH
	Prep Date	11/17/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C12	Aliphatic C9-C12	0.37	J	1	0.20	1.42	mg/kg	11/17/25	PB170577
Aliphatic C12-C16	Aliphatic C12-C16	1.32		1	0.16	0.95	mg/kg	11/17/25	PB170577
Aliphatic C16-C21	Aliphatic C16-C21	4.74		1	0.19	1.42	mg/kg	11/17/25	PB170577
Aliphatic C21-C28	Aliphatic C21-C28	0.88	J	1	0.75	1.89	mg/kg	11/17/25	PB170577
Aliphatic C28-C40	Aliphatic C28-C40	3.94		1	1.68	2.84	mg/kg	11/17/25	PB170577
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	49.0			40 - 140	98%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	0.00			40 - 140	0%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3618-01	Acq On:	17 Nov 2025 20:58
Client Sample ID:	EME-TOP-SOIL	Operator:	YP\AJ
Data file:	FG016935.D	Misc:	
Instrument:	FID_G	ALS Vial:	30
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.260	6.901	472875	3.876	300	ug/ml
Aliphatic C12-C16	6.902	10.358	1718060	13.985	200	ug/ml
Aliphatic C16-C21	10.359	13.749	6637078	50.13	300	ug/ml
Aliphatic C21-C28	13.750	17.436	1287907	9.263	400	ug/ml
Aliphatic C28-C40	17.437	22.460	4736475	41.623	600	ug/ml
Aliphatic EPH	3.260	22.460	14852395	118.877		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.482	13.482	5899873	48.99		ug/ml
Aliphatic C9-C28	3.260	17.436	10115920	77.254	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	11/12/25
Project:	Whittaker Coatings Site – E9125B	Date Received:	11/12/25
Client Sample ID:	EME-GENERAL-FILL	SDG No.:	Q3618
Lab Sample ID:	Q3618-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.2
Sample Wt/Vol:	30.09 g	Test:	EPH
Prep Method :	Final Vol: 2000 uL		
	Prep Date : 11/17/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C9-C12	Aliphatic C9-C12	0.22	J	1	0.16	1.13	mg/kg	FG016936.D	11/17/25 21:28	PB170577
Aliphatic C12-C16	Aliphatic C12-C16	0.23	J	1	0.12	0.75	mg/kg	FG016936.D	11/17/25 21:28	PB170577
Aliphatic C16-C21	Aliphatic C16-C21	3.76		1	0.15	1.13	mg/kg	FG016936.D	11/17/25 21:28	PB170577
Aliphatic C21-C28	Aliphatic C21-C28	0.60	U	1	0.60	1.51	mg/kg	FG016936.D	11/17/25 21:28	PB170577
Aliphatic C28-C40	Aliphatic C28-C40	2.31		1	1.33	2.26	mg/kg	FG016936.D	11/17/25 21:28	PB170577
Aromatic C10-C12	Aromatic C10-C12	0.14	U	1	0.14	0.75	mg/kg	FF016729.D	11/17/25 21:28	PB170577
Aromatic C12-C16	Aromatic C12-C16	0.26	U	1	0.26	1.13	mg/kg	FF016729.D	11/17/25 21:28	PB170577
Aromatic C16-C21	Aromatic C16-C21	2.23		1	0.45	1.88	mg/kg	FF016729.D	11/17/25 21:28	PB170577
Aromatic C21-C36	Aromatic C21-C36	1.35	U	1	1.35	3.01	mg/kg	FF016729.D	11/17/25 21:28	PB170577
Total AliphaticEPH	Total AliphaticEPH	6.52	J		2.36	6.78	mg/kg			
Total AromaticEPH	Total AromaticEPH	2.23	J		2.20	6.77	mg/kg			
Total EPH	Total EPH	8.75	J		4.56	13.6	mg/kg			

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

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	ENTACT	Date Collected:	11/12/25
Project:	Whittaker Coatings Site – E9125B	Date Received:	11/12/25
Client Sample ID:	EME-GENERAL-FILL	SDG No.:	Q3618
Lab Sample ID:	Q3618-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.2
Sample Wt/Vol:	30.09 g	Final Vol:	2000 uL
Prep Method :		Test:	EPH
	Prep Date	11/17/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aromatic C10-C12	Aromatic C10-C12	0.14	U	1	0.14	0.75	mg/kg	11/17/25	PB170577
Aromatic C12-C16	Aromatic C12-C16	0.26	U	1	0.26	1.13	mg/kg	11/17/25	PB170577
Aromatic C16-C21	Aromatic C16-C21	2.23		1	0.45	1.88	mg/kg	11/17/25	PB170577
Aromatic C21-C36	Aromatic C21-C36	1.35	U	1	1.35	3.01	mg/kg	11/17/25	PB170577
SURROGATES									
580-13-2	2-Bromonaphthalene (SURR)	55.7			40 - 140	111%	SPK: 50		
321-60-8	2-Fluorobiphenyl (SURR)	60.0			40 - 140	120%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	56.7			40 - 140	113%	SPK: 50		

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q3618-02	Acq On:	17 Nov 2025 21:28
Client Sample ID:	EME-GENERAL-FILL	Operator:	YP\AJ
Data file:	FF016729.D	Misc:	
Instrument:	FID_F	ALS Vial:	83
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.502	6.378	236155	1.79	200	ug/ml
Aromatic C12-C16	6.379	9.083	412341	3.051	300	ug/ml
Aromatic C16-C21	9.084	13.405	3954918	29.571	500	ug/ml
Aromatic C21-C36	13.406	18.870	1087970	9.246	800	ug/ml
Aromatic EPH	4.502	18.870	5691384	43.657		ug/ml
2-Bromonaphthalene (SURR)	8.010	8.010	6316401	55.74		ug/ml
2-Fluorobiphenyl (SURR)	8.886	8.886	4277969	59.98		ug/ml
ortho-Terphenyl (SURR)	11.955	11.955	8321471	56.67		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	11/12/25
Project:	Whittaker Coatings Site – E9125B	Date Received:	11/12/25
Client Sample ID:	EME-GENERAL-FILL	SDG No.:	Q3618
Lab Sample ID:	Q3618-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.2
Sample Wt/Vol:	30.09 g	Final Vol:	2000 uL
Prep Method :		Test:	EPH
	Prep Date	11/17/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C12	Aliphatic C9-C12	0.22	J	1	0.16	1.13	mg/kg	11/17/25	PB170577
Aliphatic C12-C16	Aliphatic C12-C16	0.23	J	1	0.12	0.75	mg/kg	11/17/25	PB170577
Aliphatic C16-C21	Aliphatic C16-C21	3.76		1	0.15	1.13	mg/kg	11/17/25	PB170577
Aliphatic C21-C28	Aliphatic C21-C28	0.60	U	1	0.60	1.51	mg/kg	11/17/25	PB170577
Aliphatic C28-C40	Aliphatic C28-C40	2.31		1	1.33	2.26	mg/kg	11/17/25	PB170577
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	50.4			40 - 140	101%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	0.00			40 - 140	0%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3618-02	Acq On:	17 Nov 2025 21:28
Client Sample ID:	EME-GENERAL-FILL	Operator:	YP\AJ
Data file:	FG016936.D	Misc:	
Instrument:	FID_G	ALS Vial:	31
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.260	6.901	350788	2.875	300	ug/ml
Aliphatic C12-C16	6.902	10.358	381701	3.107	200	ug/ml
Aliphatic C16-C21	10.359	13.749	6605574	49.892	300	ug/ml
Aliphatic C21-C28	13.750	17.436	773898	5.566	400	ug/ml
Aliphatic C28-C40	17.437	22.460	3481288	30.593	600	ug/ml
Aliphatic EPH	3.260	22.460	11593249	92.034		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.482	13.482	6066281	50.37		ug/ml
Aliphatic C9-C28	3.260	17.436	8111961	61.44	1200	ug/ml

LAB CHRONICLE

OrderID:	Q3618	OrderDate:	11/12/2025 2:35:43 PM
Client:	ENTACT	Project:	Whittaker Coatings Site – E9125B
Contact:	Austin Farmerie	Location:	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3618-01	EME-TOP-SOIL	SOIL			11/12/25			11/12/25
			Herbicide	8151A		11/13/25	11/13/25	
			PCB	8082A		11/13/25	11/13/25	
			Pesticide-TCL	8081B		11/13/25	11/13/25	
			EPH	NJEPH		11/17/25	11/17/25	
Q3618-02	EME-GENERAL-FILL	SOIL			11/12/25			11/12/25
			Herbicide	8151A		11/13/25	11/13/25	
			PCB	8082A		11/13/25	11/13/25	
			Pesticide-TCL	8081B		11/13/25	11/13/25	
			EPH	NJEPH		11/17/25	11/17/25	

Hit Summary Sheet
SW-846

SDG No.: Q3618 **Order ID:** Q3618
Client: ENTACT **Project ID:** Whittaker Coatings Site – E9125B

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : EME-TOP-SOIL								
Q3618-01	EME-TOP-SOIL	SOIL	Aluminum	17100		1.09	6.47	mg/Kg
Q3618-01	EME-TOP-SOIL	SOIL	Arsenic	6.21		0.25	1.29	mg/Kg
Q3618-01	EME-TOP-SOIL	SOIL	Barium	44.6		0.94	6.47	mg/Kg
Q3618-01	EME-TOP-SOIL	SOIL	Beryllium	0.48		0.032	0.39	mg/Kg
Q3618-01	EME-TOP-SOIL	SOIL	Cadmium	0.057	J	0.031	0.39	mg/Kg
Q3618-01	EME-TOP-SOIL	SOIL	Calcium	6290		14.4	129	mg/Kg
Q3618-01	EME-TOP-SOIL	SOIL	Chromium	14.2		0.061	0.65	mg/Kg
Q3618-01	EME-TOP-SOIL	SOIL	Cobalt	4.05		0.13	1.94	mg/Kg
Q3618-01	EME-TOP-SOIL	SOIL	Copper	17.7		0.28	1.29	mg/Kg
Q3618-01	EME-TOP-SOIL	SOIL	Iron	16800		5.16	6.47	mg/Kg
Q3618-01	EME-TOP-SOIL	SOIL	Lead	15.9		0.17	0.78	mg/Kg
Q3618-01	EME-TOP-SOIL	SOIL	Magnesium	1520		15.5	129	mg/Kg
Q3618-01	EME-TOP-SOIL	SOIL	Manganese	846		0.18	1.29	mg/Kg
Q3618-01	EME-TOP-SOIL	SOIL	Mercury	0.045		0.010	0.017	mg/Kg
Q3618-01	EME-TOP-SOIL	SOIL	Nickel	8.83		0.17	2.59	mg/Kg
Q3618-01	EME-TOP-SOIL	SOIL	Potassium	1020		35.8	129	mg/Kg
Q3618-01	EME-TOP-SOIL	SOIL	Silver	1.11		0.16	0.65	mg/Kg
Q3618-01	EME-TOP-SOIL	SOIL	Sodium	83.3	J	23.0	129	mg/Kg
Q3618-01	EME-TOP-SOIL	SOIL	Thallium	0.69	J	0.30	2.59	mg/Kg
Q3618-01	EME-TOP-SOIL	SOIL	Vanadium	23.7		0.32	2.59	mg/Kg
Q3618-01	EME-TOP-SOIL	SOIL	Zinc	55.6		0.30	2.59	mg/Kg
Client ID : EME-GENERAL-FILL								
Q3618-02	EME-GENERAL-FILL	SOIL	Aluminum	856		0.91	5.40	mg/Kg
Q3618-02	EME-GENERAL-FILL	SOIL	Arsenic	0.54	J	0.21	1.08	mg/Kg
Q3618-02	EME-GENERAL-FILL	SOIL	Barium	2.45	J	0.79	5.40	mg/Kg
Q3618-02	EME-GENERAL-FILL	SOIL	Beryllium	0.045	J	0.027	0.32	mg/Kg
Q3618-02	EME-GENERAL-FILL	SOIL	Calcium	91.4	J	12.0	108	mg/Kg
Q3618-02	EME-GENERAL-FILL	SOIL	Chromium	5.30		0.051	0.54	mg/Kg
Q3618-02	EME-GENERAL-FILL	SOIL	Copper	1.01	J	0.24	1.08	mg/Kg
Q3618-02	EME-GENERAL-FILL	SOIL	Iron	2550		4.31	5.40	mg/Kg
Q3618-02	EME-GENERAL-FILL	SOIL	Lead	1.45		0.14	0.65	mg/Kg
Q3618-02	EME-GENERAL-FILL	SOIL	Magnesium	22.7	J	13.0	108	mg/Kg
Q3618-02	EME-GENERAL-FILL	SOIL	Manganese	3.32		0.15	1.08	mg/Kg
Q3618-02	EME-GENERAL-FILL	SOIL	Mercury	0.033		0.0080	0.014	mg/Kg
Q3618-02	EME-GENERAL-FILL	SOIL	Nickel	0.80	J	0.14	2.16	mg/Kg
Q3618-02	EME-GENERAL-FILL	SOIL	Potassium	74.9	J	29.9	108	mg/Kg
Q3618-02	EME-GENERAL-FILL	SOIL	Silver	0.32	J	0.13	0.54	mg/Kg

Hit Summary Sheet
SW-846

SDG No.: Q3618

Order ID: Q3618

Client: ENTACT

Project ID: Whittaker Coatings Site – E9125B

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3618-02	EME-GENERAL-FILL	SOIL	Vanadium	3.62		0.27	2.16	mg/Kg
Q3618-02	EME-GENERAL-FILL	SOIL	Zinc	2.76		0.25	2.16	mg/Kg

A

B

C

D



SAMPLE DATA

Report of Analysis

Client: ENTACT
Project: Whittaker Coatings Site – E9125B
Client Sample ID: EME-TOP-SOIL
Lab Sample ID: Q3618-01
Level (low/med): low

Date Collected: 11/12/25
Date Received: 11/12/25
SDG No.: Q3618
Matrix: SOIL
% Solid: 70.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	17100		1	1.09	6.47	mg/Kg	11/13/25 10:55	11/13/25 15:43	6010D	SW3050
7440-36-0	Antimony	0.28	UN	1	0.28	3.23	mg/Kg	11/13/25 10:55	11/13/25 15:43	6010D	SW3050
7440-38-2	Arsenic	6.21		1	0.25	1.29	mg/Kg	11/13/25 10:55	11/13/25 15:43	6010D	SW3050
7440-39-3	Barium	44.6	N	1	0.94	6.47	mg/Kg	11/13/25 10:55	11/13/25 15:43	6010D	SW3050
7440-41-7	Beryllium	0.48		1	0.032	0.39	mg/Kg	11/13/25 10:55	11/13/25 15:43	6010D	SW3050
7440-43-9	Cadmium	0.057	J	1	0.031	0.39	mg/Kg	11/13/25 10:55	11/13/25 15:43	6010D	SW3050
7440-70-2	Calcium	6290		1	14.4	129	mg/Kg	11/13/25 10:55	11/13/25 15:43	6010D	SW3050
7440-47-3	Chromium	14.2		1	0.061	0.65	mg/Kg	11/13/25 10:55	11/13/25 15:43	6010D	SW3050
7440-48-4	Cobalt	4.05		1	0.13	1.94	mg/Kg	11/13/25 10:55	11/13/25 15:43	6010D	SW3050
7440-50-8	Copper	17.7		1	0.28	1.29	mg/Kg	11/13/25 10:55	11/13/25 15:43	6010D	SW3050
7439-89-6	Iron	16800	*	1	5.16	6.47	mg/Kg	11/13/25 10:55	11/13/25 15:43	6010D	SW3050
7439-92-1	Lead	15.9		1	0.17	0.78	mg/Kg	11/13/25 10:55	11/13/25 15:43	6010D	SW3050
7439-95-4	Magnesium	1520		1	15.5	129	mg/Kg	11/13/25 10:55	11/13/25 15:43	6010D	SW3050
7439-96-5	Manganese	846	*	1	0.18	1.29	mg/Kg	11/13/25 10:55	11/13/25 15:43	6010D	SW3050
7439-97-6	Mercury	0.045	N	1	0.010	0.017	mg/Kg	11/12/25 16:50	11/13/25 12:30	7471B	
7440-02-0	Nickel	8.83		1	0.17	2.59	mg/Kg	11/13/25 10:55	11/13/25 15:43	6010D	SW3050
7440-09-7	Potassium	1020	N	1	35.8	129	mg/Kg	11/13/25 10:55	11/13/25 15:43	6010D	SW3050
7782-49-2	Selenium	0.34	UN	1	0.34	1.29	mg/Kg	11/13/25 10:55	11/13/25 15:43	6010D	SW3050
7440-22-4	Silver	1.11		1	0.16	0.65	mg/Kg	11/13/25 10:55	11/13/25 15:43	6010D	SW3050
7440-23-5	Sodium	83.3	JN*	1	23.0	129	mg/Kg	11/13/25 10:55	11/13/25 15:43	6010D	SW3050
7440-28-0	Thallium	0.69	J	1	0.30	2.59	mg/Kg	11/13/25 10:55	11/13/25 15:43	6010D	SW3050
7440-62-2	Vanadium	23.7	N	1	0.32	2.59	mg/Kg	11/13/25 10:55	11/13/25 15:43	6010D	SW3050
7440-66-6	Zinc	55.6	N*	1	0.30	2.59	mg/Kg	11/13/25 10:55	11/13/25 15:43	6010D	SW3050

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N = Spiked sample recovery not within control limits

Report of Analysis

Client: ENTACT
Project: Whittaker Coatings Site – E9125B
Client Sample ID: EME-GENERAL-FILL
Lab Sample ID: Q3618-02
Level (low/med): low

Date Collected: 11/12/25
Date Received: 11/12/25
SDG No.: Q3618
Matrix: SOIL
% Solid: 88.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	856		1	0.91	5.40	mg/Kg	11/13/25 10:55	11/13/25 15:56	6010D	SW3050
7440-36-0	Antimony	0.24	UN	1	0.24	2.70	mg/Kg	11/13/25 10:55	11/13/25 15:56	6010D	SW3050
7440-38-2	Arsenic	0.54	J	1	0.21	1.08	mg/Kg	11/13/25 10:55	11/13/25 15:56	6010D	SW3050
7440-39-3	Barium	2.45	JN	1	0.79	5.40	mg/Kg	11/13/25 10:55	11/13/25 15:56	6010D	SW3050
7440-41-7	Beryllium	0.045	J	1	0.027	0.32	mg/Kg	11/13/25 10:55	11/13/25 15:56	6010D	SW3050
7440-43-9	Cadmium	0.026	U	1	0.026	0.32	mg/Kg	11/13/25 10:55	11/13/25 15:56	6010D	SW3050
7440-70-2	Calcium	91.4	J	1	12.0	108	mg/Kg	11/13/25 10:55	11/13/25 15:56	6010D	SW3050
7440-47-3	Chromium	5.30		1	0.051	0.54	mg/Kg	11/13/25 10:55	11/13/25 15:56	6010D	SW3050
7440-48-4	Cobalt	0.11	U	1	0.11	1.62	mg/Kg	11/13/25 10:55	11/13/25 15:56	6010D	SW3050
7440-50-8	Copper	1.01	J	1	0.24	1.08	mg/Kg	11/13/25 10:55	11/13/25 15:56	6010D	SW3050
7439-89-6	Iron	2550	*	1	4.31	5.40	mg/Kg	11/13/25 10:55	11/13/25 15:56	6010D	SW3050
7439-92-1	Lead	1.45		1	0.14	0.65	mg/Kg	11/13/25 10:55	11/13/25 15:56	6010D	SW3050
7439-95-4	Magnesium	22.7	J	1	13.0	108	mg/Kg	11/13/25 10:55	11/13/25 15:56	6010D	SW3050
7439-96-5	Manganese	3.32	*	1	0.15	1.08	mg/Kg	11/13/25 10:55	11/13/25 15:56	6010D	SW3050
7439-97-6	Mercury	0.033	N	1	0.0080	0.014	mg/Kg	11/12/25 16:50	11/13/25 12:32	7471B	
7440-02-0	Nickel	0.80	J	1	0.14	2.16	mg/Kg	11/13/25 10:55	11/13/25 15:56	6010D	SW3050
7440-09-7	Potassium	74.9	JN	1	29.9	108	mg/Kg	11/13/25 10:55	11/13/25 15:56	6010D	SW3050
7782-49-2	Selenium	0.28	UN	1	0.28	1.08	mg/Kg	11/13/25 10:55	11/13/25 15:56	6010D	SW3050
7440-22-4	Silver	0.32	J	1	0.13	0.54	mg/Kg	11/13/25 10:55	11/13/25 15:56	6010D	SW3050
7440-23-5	Sodium	19.2	UN*	1	19.2	108	mg/Kg	11/13/25 10:55	11/13/25 15:56	6010D	SW3050
7440-28-0	Thallium	0.25	U	1	0.25	2.16	mg/Kg	11/13/25 10:55	11/13/25 15:56	6010D	SW3050
7440-62-2	Vanadium	3.62	N	1	0.27	2.16	mg/Kg	11/13/25 10:55	11/13/25 15:56	6010D	SW3050
7440-66-6	Zinc	2.76	N*	1	0.25	2.16	mg/Kg	11/13/25 10:55	11/13/25 15:56	6010D	SW3050

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N = Spiked sample recovery not within control limits

LAB CHRONICLE

OrderID:	Q3618	OrderDate:	11/12/2025 2:35:43 PM
Client:	ENTACT	Project:	Whittaker Coatings Site – E9125B
Contact:	Austin Farmerie	Location:	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3618-01	EME-TOP-SOIL	SOIL			11/12/25			11/12/25
			Metals ICP-TAL	6010D		11/13/25	11/13/25	
			Mercury	7471B		11/12/25	11/13/25	
Q3618-02	EME-GENERAL-FILL	SOIL			11/12/25			11/12/25
			Metals ICP-TAL	6010D		11/13/25	11/13/25	
			Mercury	7471B		11/12/25	11/13/25	



SAMPLE DATA

Report of Analysis

Client: ENTACT
Project: Whittaker Coatings Site – E9125B
Client Sample ID: EME-TOP-SOIL
Lab Sample ID: Q3618-01

Date Collected: 11/12/25 10:00
Date Received: 11/12/25
SDG No.: Q3618
Matrix: SOIL
% Solid: 70.3

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Cyanide	0.73		1	0.057	0.34	mg/Kg	11/14/25 08:10	11/14/25 12:19	9012B
Hexavalent Chromium	0.11	J	1	0.099	0.57	mg/Kg	11/13/25 12:00	11/13/25 15:43	7196A
pH	6.53	H	1	0	0	pH		11/13/25 08:35	9045D
TOC	22700	OR	1	28.9	250	mg/Kg		11/18/25 11:35	9060A
Trivalent Chromium	14.1		1	0.71	0.71	mg/Kg		11/13/25 15:43	6010D

Comments: pH result reported at temperature 21.4 °C

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N = Spiked sample recovery not within control limits

Report of Analysis

Client: ENTACT
Project: Whittaker Coatings Site – E9125B
Client Sample ID: EME-GENERAL-FILL
Lab Sample ID: Q3618-02

Date Collected: 11/12/25 10:15
Date Received: 11/12/25
SDG No.: Q3618
Matrix: SOIL
% Solid: 88.2

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Cyanide	0.047	U	1	0.047	0.28	mg/Kg	11/14/25 08:10	11/14/25 12:19	9012B
Hexavalent Chromium	0.13	J	1	0.078	0.44	mg/Kg	11/13/25 12:00	11/13/25 15:44	7196A
pH	3.48	H	1	0	0	pH		11/13/25 08:45	9045D
TOC	2410		1	28.9	250	mg/Kg		11/18/25 11:43	9060A
Trivalent Chromium	5.17		1	0.57	0.57	mg/Kg		11/13/25 15:56	6010D

Comments: pH result reported at temperature 21.4 °C

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N = Spiked sample recovery not within control limits

LAB CHRONICLE

OrderID:	Q3618	OrderDate:	11/12/2025 2:35:43 PM
Client:	ENTACT	Project:	Whittaker Coatings Site – E9125B
Contact:	Austin Farmerie	Location:	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3618-01	EME-TOP-SOIL	SOIL			11/12/25 10:00			11/12/25
			Cyanide	9012B		11/14/25	11/14/25 12:19	
			Hexavalent Chromium	7196A		11/13/25	11/13/25 15:43	
			pH	9045D			11/13/25 08:35	
			TOC	9060A			11/18/25 11:35	
			Trivalent Chromium	6010D			11/13/25 15:43	
Q3618-02	EME-GENERAL-FILL	SOIL			11/12/25 10:15			11/12/25
			Cyanide	9012B		11/14/25	11/14/25 12:19	
			Hexavalent Chromium	7196A		11/13/25	11/13/25 15:44	
			pH	9045D			11/13/25 08:45	
			TOC	9060A			11/18/25 11:43	
			Trivalent Chromium	6010D			11/13/25 15:56	



SHIPPING DOCUMENTS

CLIENT INFORMATION

CLIENT PROJECT INFORMATION

CLIENT BILLING INFORMATION

REPORT TO BE SENT TO:

COMPANY: ENTACT LLC
ADDRESS: 150 Bay St.
CITY Jersey City STATE: NJ ZIP: 07032
ATTENTION: Austin Farmerie
PHONE: FAX:

PROJECT NAME: Whitaker Coatings
PROJECT NO.: E9125 LOCATION: North Brunswick
PROJECT MANAGER:
e-mail:
PHONE: FAX:

BILL TO: ENTACT LLC PO#: E9125B
ADDRESS: 999 Oakmont Plaza drive 300
CITY Westmont STATE: FL ZIP: 60559
ATTENTION: PHONE:
ANALYSIS

DATA TURNAROUND INFORMATION

DATA DELIVERABLE INFORMATION

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

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B
+ Raw Data ☐ Other
☐ EDD FORMAT

1. TCL VOCs 2. SVOCs, PCBs, Pest. 3. WJDER EPH 4. Herb. 5. JAH Met. Heavy 6. Chemo. - Toluene 7. Hex. Chemo. 8. SEE Attached 9.

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS	
			COMP	GRAB	DATE	TIME		E/F	E	E	E	E	E	E	E	E	← Specify Preservatives A-HCl B-HNO3 C-H2SO4	D-NaOH E-ICE F-OTHER
								1	2	3	4	5	6	7	8	9		
1.	EME - Top Soil	S.	X		11-12	1000	9	X	X	X	X	X	X	X	X	X		
2.	EME - General Fill	S.	X		11-12	1015	9	X	X	X	X	X	X	X	X	X		
3.																		
4.																		
5.																		
6.																		
7.																		
8.																		
9.																		
10.																		

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER: 1. [Signature]	DATE/TIME: 11-12-25	RECEIVED BY: 1. [Signature]	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP _____ °C
RELINQUISHED BY SAMPLER: 2.	DATE/TIME:	RECEIVED BY: 2.	Comments: no cooler - ROC in folder
RELINQUISHED BY SAMPLER: 3.	DATE/TIME:	RECEIVED BY: 3.	Page 1 of 1 CLIENT: ☐ Hand Delivered ☐ Other Shipment Complete ☐ YES ☐ NO

No problem, please confirm this is a bottle order request?

Can you please provide project name so we can enter.

Regards,

Jordan



Jordan Hedvat
Account Executive, Environmental Laboratories
An Alliance Technical Group Company
Main: 908-789-8900
Direct: 908-728-3144
Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092
www.alliancetg.com

From: Nathan Bennett <nbennett@entact.com>
Sent: Wednesday, November 12, 2025 8:55 AM
To: Jordan Hedvat <jordan.hedvat@alliancetg.com>
Cc: Austin Farmerie <AFarmerie@entact.com>
Subject: Fill Material Sampling - ENTACT

EXTERNAL EMAIL - This email was sent by a person from outside your organization. Exercise caution when clicking links, opening attachments or taking further action, before validating its authenticity.

Secured by Check Point

Jordan-

Austin, CC'd, is collecting 2 different fill sources that we will need to perform the following tests:

- a. Target Compound List (TCL) VOCs (USEPA SW 846 Method 8260)
- b. TCL SVOCs (USEPA SW-846 Method 8270)
- c. PCBs (USEPA SW-846 Method 8082)
- d. Extractable Petroleum Hydrocarbons (EPH) (NJDEP EPH Method Version 3.0)
- e. Pesticides (USEPA SW-846 Method 8081)
- f. Herbicides (USEPA SW-846 Method 8151)
- g. Target analyte list (TAL) metals (USEPA SW-846 Method 6010)
- h. Mercury (USEPA SW846 Method 7471)
- i. Chromium - trivalent and hexavalent (USEPA SW846 Method 7196)
- j. Cyanide (USEPA SW-846 Method 9014)
- k. Per- and Polyfluoroalkyl substances (USEPA Method 537.1), and 1,4-dioxane (USEPA Method SW-846 8270d SIM)
- l. Total organic carbon (USEPA SW 846 9060 Modified)

He does not have any bottles or a COC. Last second here. Would you be able to help us out on that? He should be there sometime around 12-1.

Thanks,

From: Jordan Hedvat <Jordan.Hedvat@alliancetg.com>
Sent: Wednesday, November 12, 2025 2:02 PM
Subject: Fw: Fill Material Samling - ENTACT

Incoming today ENTA05 - Q2511072

Regards,

Jordan



Jordan Hedvat
Account Executive, Environmental Laboratories
An Alliance Technical Group Company
Main: 908-789-8900
Direct: 908-728-3144
Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092
www.alliancetg.com

From: Nathan Bennett <nbennett@entact.com>
Sent: Wednesday, November 12, 2025 12:53 PM
To: Jordan Hedvat <Jordan.Hedvat@alliancetg.com>
Cc: Austin Farmerie <AFarmerie@entact.com>
Subject: RE: Fill Material Samling - ENTACT

EXTERNAL EMAIL - This email was sent by a person from outside your organization. Exercise caution when clicking links, opening attachments or taking further action, before validating its authenticity.

Secured by Check Point

Jordan-

As discussed, Austin, will be there within the hour with the material.

Project name will be Whittaker Coatings Site – E9125B.

Thanks,
Nate

From: Jordan Hedvat <Jordan.Hedvat@alliancetg.com>
Sent: Wednesday, November 12, 2025 1:08 PM
To: Nathan Bennett <nbennett@entact.com>
Cc: Austin Farmerie <AFarmerie@entact.com>
Subject: Re: Fill Material Samling - ENTACT

Hi Nathan,

No problem, please confirm this is a bottle order request?

Can you please provide project name so we can enter.

Regards,

Jordan



Jordan Hedvat
 Account Executive, Environmental Laboratories
 An Alliance Technical Group Company
 Main: 908-789-8900
 Direct: 908-728-3144
 Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092
www.alliancetg.com

From: Nathan Bennett <nbennett@entact.com>
Sent: Wednesday, November 12, 2025 8:55 AM
To: Jordan Hedvat <jordan.hedvat@alliancetg.com>
Cc: Austin Farmerie <AFarmerie@entact.com>
Subject: Fill Material Samling - ENTACT

EXTERNAL EMAIL - This email was sent by a person from outside your organization. Exercise caution when clicking links, opening attachments or taking further action, before validating its authenticity.

Secured by Check Point

Jordan-

Austin, CC'd, is collecting 2 different fill sources that we will need to perform the following tests:

- a. Target Compound List (TCL) VOCs (USEPA SW 846 Method 8260)
- b. TCL SVOCs (USEPA SW-846 Method 8270)
- c. PCBs (USEPA SW-846 Method 8082)
- d. Extractable Petroleum Hydrocarbons (EPH) (NJDEP EPH Method Version 3.0)
- e. Pesticides (USEPA SW-846 Method 8081)
- f. Herbicides (USEPA SW-846 Method 8151)
- g. Target analyte list (TAL) metals (USEPA SW-846 Method 6010)
- h. Mercury (USEPA SW846 Method 7471)
- i. Chromium - trivalent and hexavalent (USEPA SW846 Method 7196)
- j. Cyanide (USEPA SW-846 Method 9014)
- k. Per- and Polyfluoroalkyl substances (USEPA Method 537.1), and 1,4-dioxane (USEPA Method SW-846 8270d SIM)
- l. Total organic carbon (USEPA SW 846 9060 Modified)

He does not have any bottles or a COC. Last second here. Would you be able to help us out on that? He should be there sometime around 12-1.

Thanks,

Nate Bennett
ENTACT, LLC
 703 S. Elmer St. | Suite 117 | Sayre, PA 18840

Cell: 607.743.2666

nbennett@entact.com



Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3618	ENTA05	Order Date : 11/12/2025 2:35:43 PM	Project Mgr :
Client Name : ENTACT		Project Name : Whittaker Coatings Site – E	Report Type : Level 1
Client Contact : Accounts Payable		Receive DateTime : 11/12/2025 2:25:00 PM	EDD Type : EXCEL NOCLEANUP
Invoice Name : ENTACT		Purchase Order :	Hard Copy Date :
Invoice Contact : Accounts Payable			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3618-01	EME-TOP-SOIL	Solid	11/12/2025	11:00 10:00	VOC-TCLVOA-10		8260D		5 Bus. Days
Q3618-02	EME-GENERAL-FILL	Solid	11/12/2025	11:00 10:15	VOC-TCLVOA-10		8260D		5 Bus. Days

Relinquished By : 

Date / Time : 11-12-25

15:00

Received By : 

Date / Time : 11/12/25

Storage Area : VOA Refridgerator Room

15:00