ENVIRONMENTAL® STANDARDS
Montrose Environmental Group

Stage 2 Data Validation Memorandum
Chevron Bishop Loss of Containment Response Site
Galeton, Colorado
Solid Samples
Sample Delivery Group: L1854739
Report Date: May 23, 2025

This quality assurance (QA) review is based upon an examination of the data generated from the analyses of the one solid sample and associated quality control (QC) samples collected on May 2, 2025, at the Chevron Bishop Loss of Containment Response Site in Galeton, Colorado. This sample was analyzed by Pace Analytical National Center for Testing and Innovation (Pace National) of Mount Juliet, Tennessee, for volatile organic compounds (VOCs) by SW-846 Method 8260D, semivolatile organic compounds (SVOCs) by SW-846 Method 8270E, total metals by SW-846 Method 6010D, nitrate-nitrite by SW-846 Method 9056A, ammonia nitrogen by US EPA Method 350.1, total nitrogen by calculation, total Kjeldahl nitrogen (TKN) by Standard Method (SM) 4500-NORG-D, and total organic carbon (TOC) by American Society of Agronomy (ASA) Walkley-Black method.

This review was performed in accordance with the Bishop Loss of Containment, Galeton, Colorado Environmental Sampling and Analysis Plan (CTEH; Version 1.4, May 7, 2025), the Bishop Loss of Containment Incident Draft Quality Assurance Project Plan (QAPP; Environmental Standards, Inc. [Environmental Standards]; Version 1.0, April 25, 2025), and the above-referenced analytical methods. This review was performed with guidance from the National Functional Guidelines for Organic Superfund Methods Data Review (US EPA, 2020) and the National Functional Guidelines for Inorganic Superfund Methods Data Review (US EPA, 2020). These validation guidance documents specifically address analyses performed in accordance with the CLP analytical methods and are not completely applicable to the type of analyses and analytical protocols performed for the SM, SW-846, US EPA, and ASA methods utilized by the laboratory for the sample. Environmental Standards used professional judgment to determine the quality of the analytical results and compliance relative to the SM, SW-846, US EPA, and ASA methods utilized by the laboratory.

Summary

The analytical results and associated laboratory QC samples were reviewed to determine the integrity of the reported analytical results and to ensure that the data met the established measurement quality objectives. This QA review includes all samples in Pace National Sample Delivery Group (SDG) L1854739.

The sample that has undergone Stage 2 data validation is listed below:

Sample Identification	Laboratory Sample Identification	Laboratory SDG	Matrix	Date Sample Collected	Parameters Examined
GACO0502T129-1S001	L1854739-01	L1854739	Solid	5/2/25	VOC, SVOC, M, N+N, NH_3, TN, TKN, TOC

Notes:

VOC - VOCs by SW-846 Method 8260D.
SVOC - SVOCs by SW-846 Method 8270E.
M - Total Metals by SW-846 Method 6010D.
N+N - Nitrate-Nitrite by SW-846 Method 9056A.
NH_3 - Ammonia Nitrogen by US EPA Method 350.1.
TN - Total Nitrogen by Calculation.
TKN - TKN by SM 4500-NORG-D.
TOC - TOC by ASA Walkley-Black Method.

ITEMS REVIEWED

Chain-of-Custody (COC) Record and Case Narrative	Sample Preservation and Condition Upon Laboratory Receipt
Holding Times	Surrogate Recovery
Blank Results	Laboratory Duplicate Results
Laboratory Control Sample (LCS) and Laboratory Control Sample Duplicate (LCSD) Results	Matrix Spike and Matrix Spike Duplicate (MS/MSD) Results
Results Reported Between the Method Detection Limit (MDL)/Reporting Limit (RL) and Quantitation Limit (QL)	Percent Solids

Comment

- The laboratory personnel/courier did not sign or record the date and time relinquished on the second line of the COC Record.

Based on the items included in this QA review, the following qualifiers are offered.

Analyte	Sample	Validation Qualifier	Reason for Qualification
nitrate-nitrite	GACO0502T129-1S001	U	BL
chloroethane	GACO0502T129-1S001	UJ	LC-
total nitrogen	GACO0502T129-1S001	J	CR
TKN	GACO0502T129-1S001	J-	MS-

- All positive results reported between the MDL/RL and QL should be considered estimated and have been flagged “J” (unless previously flagged “U”) on the data tables. (Reason Code RL)

- For results qualified “not-detected” due to blank contamination, the MDLs/RLs and QLs (if the reported results exceeded the QL) have been elevated to the original laboratory-reported result, the laboratory-reported result has been removed from the result field, and the detect flag has been changed to “N.”

- When sample results were qualified both as estimated with a direction of bias (“J+” or “J-”) and as estimated with unknown bias (“J”) or the opposite bias, only the unknown bias qualifier has been included on the data tables.

Review performed by:	Brittany VanVelkinburgh, Quality Assurance Chemist
Report reviewed by:	Jared K. Acker, CEAC, Senior Quality Assurance Chemist
Report approved by:	Amanda J. Cover, CEAC, Associate Chemist/Project Manager
Date review completed:	5/23/25

SECTION 2

ANALYTICAL RESULTS

DATA QUALIFIERS

U The analyte was analyzed for, but was not detected above the level of the adjusted detection limit or quantitation limit, as appropriate.

R The data are unusable. The sample results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the sample.

J The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.

J+ The result is an estimated quantity, but the result may be biased high.

J- The result is an estimated quantity, but the result may be biased low.

UJ The analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

NJ The analyte has been “tentatively identified” or “presumptively” as present and the associated numerical value is the estimated concentration in the sample.

REASON CODES AND EXPLANATIONS

Reason Code[1]	Description
[1] For any Reason Code that does not indicate that the potential bias is indeterminate, the "+" or "-" reason code may be appended to the qualification reason code in order to indicate a direction of bias (e.g., MS+ would be used to indicate potential high bias due to a high matrix spike recovery)	
+	The associated quality control item indicates a potential high bias in the sample result
-	The associated quality control item indicates a potential low bias in the sample result
AST	Compound not quantitated against an authentic standard; potential bias indeterminate
BF	Contamination present in a field blank (e.g., Field Blank, Equipment Blank, etc.); evaluation criteria exceeded
BL	Contamination present in a laboratory blank (e.g., Method Blank, Instrument Blank, etc.); evaluation criteria exceeded
BN	Elevated detection limit or estimated result due to negative instrument drift (e.g., negative instrument blank result with an absolute value > 2× the method detection limit)
BT	Contamination present in the Trip Blank; evaluation criteria exceeded
CC	Possible contamination due to carryover from a previous sample
CR	Calculated result in which one or more of the components has been qualified
CRQ	Calculated result flagged due to reporting protocol
CT	Cooler temperature criteria not met
CV	Continuing calibration verification evaluation criteria not met
CY	Chemical Yield recovery criteria not met
DI	Detector instability (radionuclide chemistry); potential bias indeterminate
EC	Result exceeds the calibration range; potential bias indeterminate
FD	Field duplicate imprecision; potential bias indeterminate
FP	Target compound identification criteria not met; potential false positive
GH	Headspace present in the gamma spectrometer sample analysis vessel; potential bias indeterminate
GS	Low sample density in the gamma spectrometer sample analysis vessel; potential bias indeterminate
HT	Holding time exceeded
HV	Headspace present in volatile vials
IC	Initial calibration evaluation criteria not met

Reason Code[1]	Description
IN	Interference (e.g., laboratory, chemical, chromatographic/instrumental, and/or matrix) present in the analysis
IR	Interference check standard evaluation criteria not met
IS	Internal standard evaluation criteria not met
LC	Laboratory control sample/laboratory control sample duplicate recovery criteria not met
LCP	Laboratory control sample/laboratory control sample duplicate precision criteria not met; potential bias indeterminate
LD	Laboratory duplicate precision criteria not met; potential bias indeterminate
LR	Linear range exceeded; potential bias indeterminate
MDP	Laboratory deviated from the method for a method-defined parameter, based on regulatory requirements
MS	Matrix spike/matrix spike duplicate recovery criteria not met
MSP	Matrix spike/matrix spike duplicate precision criteria not met; potential bias indeterminate
NQC	Absence of supporting quality control samples
PD	Post-digestion spike recovery criteria not met
OT	Other deficiencies, see validation report for additional details
PM	Performance evaluation mixture criteria not met
PS	Low percent solids; potential bias indeterminate
PT	Chromatographic pattern in sample does not match pattern of calibration standard
QCI	Quantitation/confirmation ion ratios in sample are inconsistent with reference spectra; potential bias indeterminate
RA	Replicate/multiple analyses criteria not met; potential bias indeterminate
RM	Reference material recovery criteria not met
RL	The analysis meets all qualitative identification criteria, but the measured concentration is between the method detection limit and the quantitation or reporting limit; potential bias indeterminate
RS	Reporting limit standard(s) outside of acceptance limits
SA	Method of standard additions criteria not met; potential bias indeterminate
SC	Relative percent difference between two columns exceeds criteria; potential bias indeterminate
SCC	Second column confirmation was not performed as required by the analysis method

Reason Code[1]	Description
SCT	Sample counting time error (radionuclide chemistry); potential bias indeterminate
SD	Serial dilution results did not meet evaluation criteria
SP	Sample preservation criteria not met
SR	Surrogate recovery criteria not met
SS	Second source calibration verification/initial calibration verification criteria not met
ST	Sample container type incorrect
SU	Sample result is less than the two-sigma uncertainty
SUN	Absolute value of the negative sample result is greater than the two-sigma uncertainty
SW	Sample switch suspected
TD	Result for dissolved constituent significantly exceeded result for total constituent; potential bias indeterminate
TIR	Tentatively identified compound; observed in an associated laboratory, equipment, field, or trip blank.
TN	Instrument tune criteria not met
Y	Potential bias due to the y-intercept in the calibration curve significantly affecting the analyte response

Facility: A07-01 Pad
SDG: L1854739

Lab Sample ID	L1854739-01
Sys Sample Code	GACO0502T129-1S001
Sample Name	GACO0502T129-1S001
Sample Date	5/2/2025 8:50:00 AM
Sample Type	N
Matrix	SO
Parent Sample	
% Moisture	7.86

Analytic Method	Chemical Name	CAS Rn	Fraction	Test Type	Result Unit	Final Result	Final Qual	Reason code	Final MDL	Final RL	Final QL	Final Detect	Final Report	DF	Basis
CALC	Total Nitrogen	TN	N	INITIAL	ug/Kg	455000	J	CR	658	658	21700	Y	Y	1	DRY
E350.1	Ammonia Nitrogen	7664-41-7	N	INITIAL	ug/Kg		U		7800	7800	10900	N	Y	1	DRY
SM2540G	Total Solids	10-31-1	N	INITIAL	%	92.1						Y	Y	1	NA
SM4500-NORG-D	Kjeldahl Nitrogen, TKN	7727-37-9TKN	N	INITIAL	ug/Kg	451000	J-	MS-	165000	165000	217000	Y	Y	10	DRY
SW6010	Aluminum	7429-90-5	T	INITIAL	ug/Kg	3980000			6600	6600	21700	Y	Y	1	DRY
	Antimony	7440-36-0	T	INITIAL	ug/Kg		U		750	750	2170	N	Y	1	DRY
	Beryllium	7440-41-7	T	INITIAL	ug/Kg	428			51.8	51.8	217	Y	Y	1	DRY
	Calcium	7440-70-2	T	INITIAL	ug/Kg	23400000			20600	20600	109000	Y	Y	1	DRY
	Cobalt	7440-48-4	T	INITIAL	ug/Kg	3870			192	192	1090	Y	Y	1	DRY
	Iron	7439-89-6	T	INITIAL	ug/Kg	7450000			2430	2430	10900	Y	Y	1	DRY
	Magnesium	7439-95-4	T	INITIAL	ug/Kg	4280000			21600	21600	109000	Y	Y	1	DRY
	Manganese	7439-96-5	T	INITIAL	ug/Kg	213000			188	188	1090	Y	Y	1	DRY
	Potassium	7440-09-7	T	INITIAL	ug/Kg	1590000			22700	22700	109000	Y	Y	1	DRY
	Sodium	7440-23-5	T	INITIAL	ug/Kg	97800	J	RL	44700	44700	109000	Y	Y	1	DRY
	Thallium	7440-28-0	T	INITIAL	ug/Kg		U		562	562	2170	N	Y	1	DRY
	Vanadium	7440-62-2	T	INITIAL	ug/Kg	12400			416	416	2170	Y	Y	1	DRY
SW8260	1,1,1,2-Tetrachloroethane	630-20-6	N	INITIAL	ug/Kg		U		1.11	1.11	2.93	N	Y	1	DRY
	1,1,1-Trichloroethane	71-55-6	N	INITIAL	ug/Kg		U		1.08	1.08	2.93	N	Y	1	DRY
	1,1,2,2-Tetrachloroethane	79-34-5	N	INITIAL	ug/Kg		U		0.814	0.814	2.93	N	Y	1	DRY
	1,1,2-Trichloroethane	79-00-5	N	INITIAL	ug/Kg		U		0.699	0.699	2.93	N	Y	1	DRY
	1,1,2-Trichlorotrifluoroethane	76-13-1	N	INITIAL	ug/Kg		U		0.883	0.883	2.93	N	Y	1	DRY
	1,1-Dichloroethane	75-34-3	N	INITIAL	ug/Kg		U		0.575	0.575	2.93	N	Y	1	DRY
	1,1-Dichloroethene	75-35-4	N	INITIAL	ug/Kg		U		0.710	0.710	2.93	N	Y	1	DRY
	1,1-Dichloropropene	563-58-6	N	INITIAL	ug/Kg		U		0.947	0.947	2.93	N	Y	1	DRY
	1,2,3-Trichlorobenzene	87-61-6	N	INITIAL	ug/Kg		U		8.58	8.58	14.6	N	Y	1	DRY
	1,2,3-Trichloropropane	96-18-4	N	INITIAL	ug/Kg		U		1.90	1.90	14.6	N	Y	1	DRY
	1,2,3-Trimethylbenzene	526-73-8	N	INITIAL	ug/Kg		U		1.85	1.85	5.85	N	Y	1	DRY
	1,2,4-Trichlorobenzene	120-82-1	N	INITIAL	ug/Kg		U		5.15	5.15	14.6	N	Y	1	DRY
	1,2-Dibromo-3-Chloropropane	96-12-8	N	INITIAL	ug/Kg		U		4.57	4.57	29.3	N	Y	1	DRY
	1,2-Dibromoethane	106-93-4	N	INITIAL	ug/Kg		U		0.759	0.759	2.93	N	Y	1	DRY
	1,2-Dichlorobenzene	95-50-1	N	INITIAL	ug/Kg		U		0.498	0.498	5.85	N	Y	1	DRY
	1,2-Dichloroethane	107-06-2	N	INITIAL	ug/Kg		U		0.760	0.760	2.93	N	Y	1	DRY

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Parent Sample	
% Moisture	7.86

Analytic Method	Chemical Name	CAS Rn	Fraction	Test Type	Result Unit	Final Result	Final Qual	Reason code	Final MDL	Final RL	Final QL	Final Detect	Final Report	DF	Basis
SW8260	1,2-Dichloropropane	78-87-5	N	INITIAL	ug/Kg		U		1.66	1.66	5.85	N	Y	1	DRY
	1,3-Dichlorobenzene	541-73-1	N	INITIAL	ug/Kg		U		0.703	0.703	5.85	N	Y	1	DRY
	1,3-Dichloropropane	142-28-9	N	INITIAL	ug/Kg		U		0.587	0.587	5.85	N	Y	1	DRY
	1,4-Dichlorobenzene	106-46-7	N	INITIAL	ug/Kg		U		0.820	0.820	5.85	N	Y	1	DRY
	2,2-Dichloropropane	594-20-7	N	INITIAL	ug/Kg		U		1.62	1.62	2.93	N	Y	1	DRY
	2-Butanone (MEK)	78-93-3	N	INITIAL	ug/Kg		U		74.3	74.3	117	N	Y	1	DRY
	2-Chlorotoluene	95-49-8	N	INITIAL	ug/Kg		U		1.01	1.01	2.93	N	Y	1	DRY
	4-Chlorotoluene	106-43-4	N	INITIAL	ug/Kg		U		0.527	0.527	5.85	N	Y	1	DRY
	4-Methyl-2-pentanone (MIBK)	108-10-1	N	INITIAL	ug/Kg		U		2.67	2.67	29.3	N	Y	1	DRY
	Acetone	67-64-1	N	INITIAL	ug/Kg		U		42.7	42.7	58.5	N	Y	1	DRY
	Acrylonitrile	107-13-1	N	INITIAL	ug/Kg		U		4.23	4.23	14.6	N	Y	1	DRY
	Bromobenzene	108-86-1	N	INITIAL	ug/Kg		U		1.05	1.05	14.6	N	Y	1	DRY
	Bromodichloromethane	75-27-4	N	INITIAL	ug/Kg		U		0.849	0.849	2.93	N	Y	1	DRY
	Bromoform	75-25-2	N	INITIAL	ug/Kg		U		1.37	1.37	29.3	N	Y	1	DRY
	Bromomethane	74-83-9	N	INITIAL	ug/Kg		U		2.31	2.31	14.6	N	Y	1	DRY
	Carbon tetrachloride	56-23-5	N	INITIAL	ug/Kg		U		1.05	1.05	5.85	N	Y	1	DRY
	Chlorobenzene	108-90-7	N	INITIAL	ug/Kg		U		0.246	0.246	2.93	N	Y	1	DRY
	Chlorodibromomethane	124-48-1	N	INITIAL	ug/Kg		U		0.717	0.717	2.93	N	Y	1	DRY
	Chloroethane	75-00-3	N	INITIAL	ug/Kg		UJ	LC-	1.99	1.99	5.85	N	Y	1	DRY
	Chloroform	67-66-3	N	INITIAL	ug/Kg		U		1.21	1.21	2.93	N	Y	1	DRY
	Chloromethane	74-87-3	N	INITIAL	ug/Kg		U		5.09	5.09	14.6	N	Y	1	DRY
	cis-1,2-Dichloroethene	156-59-2	N	INITIAL	ug/Kg		U		0.859	0.859	2.93	N	Y	1	DRY
	cis-1,3-Dichloropropene	10061-01-5	N	INITIAL	ug/Kg		U		0.886	0.886	2.93	N	Y	1	DRY
	Dibromomethane	74-95-3	N	INITIAL	ug/Kg		U		0.878	0.878	5.85	N	Y	1	DRY
	Dichlorodifluoromethane	75-71-8	N	INITIAL	ug/Kg		U		1.89	1.89	5.85	N	Y	1	DRY
	Di-isopropyl ether	108-20-3	N	INITIAL	ug/Kg		U		0.480	0.480	1.17	N	Y	1	DRY
	Hexachloro-1,3-butadiene	87-68-3	N	INITIAL	ug/Kg		U		7.03	7.03	29.3	N	Y	1	DRY
	Isopropylbenzene	98-82-8	N	INITIAL	ug/Kg		U		0.498	0.498	2.93	N	Y	1	DRY
	Methyl tert-butyl ether	1634-04-4	N	INITIAL	ug/Kg		U		0.410	0.410	1.17	N	Y	1	DRY
	Methylene Chloride	75-09-2	N	INITIAL	ug/Kg		U		7.77	7.77	29.3	N	Y	1	DRY
	n-Butylbenzene	104-51-8	N	INITIAL	ug/Kg		U		6.15	6.15	14.6	N	Y	1	DRY
	n-Propylbenzene	103-65-1	N	INITIAL	ug/Kg		U		1.11	1.11	5.85	N	Y	1	DRY
	p-Isopropyltoluene	99-87-6	N	INITIAL	ug/Kg		U		2.99	2.99	5.85	N	Y	1	DRY

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Sample Date	5/2/2025 8:50:00 AM
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Matrix	SO
Parent Sample	
% Moisture	7.86

Analytic Method	Chemical Name	CAS Rn	Fraction	Test Type	Result Unit	Final Result	Final Qual	Reason code	Final MDL	Final RL	Final QL	Final Detect	Final Report	DF	Basis
SW8260	sec-Butylbenzene	135-98-8	N	INITIAL	ug/Kg		U		3.37	3.37	14.6	N	Y	1	DRY
	Styrene	100-42-5	N	INITIAL	ug/Kg		U		0.268	0.268	14.6	N	Y	1	DRY
	tert-Butylbenzene	98-06-6	N	INITIAL	ug/Kg		U		2.28	2.28	5.85	N	Y	1	DRY
	Tetrachloroethene	127-18-4	N	INITIAL	ug/Kg		U		1.05	1.05	2.93	N	Y	1	DRY
	trans-1,2-Dichloroethene	156-60-5	N	INITIAL	ug/Kg		U		1.22	1.22	5.85	N	Y	1	DRY
	trans-1,3-Dichloropropene	10061-02-6	N	INITIAL	ug/Kg		U		1.33	1.33	5.85	N	Y	1	DRY
	Trichloroethene	79-01-6	N	INITIAL	ug/Kg		U		0.684	0.684	1.17	N	Y	1	DRY
	Trichlorofluoromethane	75-69-4	N	INITIAL	ug/Kg		U		0.968	0.968	2.93	N	Y	1	DRY
	Vinyl chloride	75-01-4	N	INITIAL	ug/Kg		U		1.36	1.36	2.93	N	Y	1	DRY
SW8270	1,2,4-Trichlorobenzene	120-82-1	N	INITIAL	ug/Kg		U		22.6	22.6	723	N	Y	2	DRY
	1,2-Dichlorobenzene	95-50-1	N	INITIAL	ug/Kg		U		21.4	21.4	723	N	Y	2	DRY
	1,3-Dichlorobenzene	541-73-1	N	INITIAL	ug/Kg		U		21.9	21.9	723	N	Y	2	DRY
	1,4-Dichlorobenzene	106-46-7	N	INITIAL	ug/Kg		U		21.5	21.5	723	N	Y	2	DRY
	2,2-Oxybis(1-Chloropropane)	108-60-1	N	INITIAL	ug/Kg		U		31.3	31.3	723	N	Y	2	DRY
	2,4,6-Trichlorophenol	88-06-2	N	INITIAL	ug/Kg		U		23.2	23.2	723	N	Y	2	DRY
	2,4-Dichlorophenol	120-83-2	N	INITIAL	ug/Kg		U		21.1	21.1	723	N	Y	2	DRY
	2,4-Dimethylphenol	105-67-9	N	INITIAL	ug/Kg		U		18.9	18.9	723	N	Y	2	DRY
	2,4-Dinitrophenol	51-28-5	N	INITIAL	ug/Kg		U		169	169	723	N	Y	2	DRY
	2,4-Dinitrotoluene	121-14-2	N	INITIAL	ug/Kg		U		20.7	20.7	723	N	Y	2	DRY
	2,6-Dinitrotoluene	606-20-2	N	INITIAL	ug/Kg		U		23.7	23.7	723	N	Y	2	DRY
	2-Chloronaphthalene	91-58-7	N	INITIAL	ug/Kg		U		12.7	12.7	72.3	N	Y	2	DRY
	2-Chlorophenol	95-57-8	N	INITIAL	ug/Kg		U		23.9	23.9	723	N	Y	2	DRY
	2-Nitrophenol	88-75-5	N	INITIAL	ug/Kg		U		25.8	25.8	723	N	Y	2	DRY
	3,3-Dichlorobenzidine	91-94-1	N	INITIAL	ug/Kg		U		26.7	26.7	723	N	Y	2	DRY
	4,6-Dinitro-2-methylphenol	534-52-1	N	INITIAL	ug/Kg		U		164	164	723	N	Y	2	DRY
	4-Bromophenyl-phenylether	101-55-3	N	INITIAL	ug/Kg		U		25.4	25.4	723	N	Y	2	DRY
	4-Chloro-3-methylphenol	59-50-7	N	INITIAL	ug/Kg		U		23.4	23.4	723	N	Y	2	DRY
	4-Chlorophenyl-phenylether	7005-72-3	N	INITIAL	ug/Kg		U		25.2	25.2	723	N	Y	2	DRY
	4-Nitrophenol	100-02-7	N	INITIAL	ug/Kg		U		22.6	22.6	723	N	Y	2	DRY
	Acenaphthylene	208-96-8	N	INITIAL	ug/Kg		U		10.2	10.2	72.3	N	Y	2	DRY
	Benzidine	92-87-5	N	INITIAL	ug/Kg		U		136	136	3630	N	Y	2	DRY
	Benzo(g,h,i)perylene	191-24-2	N	INITIAL	ug/Kg		U		13.2	13.2	72.3	N	Y	2	DRY
	Benzylbutyl phthalate	85-68-7	N	INITIAL	ug/Kg		U		22.6	22.6	723	N	Y	2	DRY

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% Moisture	7.86

Analytic Method	Chemical Name	CAS Rn	Fraction	Test Type	Result Unit	Final Result	Final Qual	Reason code	Final MDL	Final RL	Final QL	Final Detect	Final Report	DF	Basis
SW8270	Bis(2-chlorethoxy)methane	111-91-1	N	INITIAL	ug/Kg		U		21.7	21.7	723	N	Y	2	DRY
	Bis(2-chloroethyl)ether	111-44-4	N	INITIAL	ug/Kg		U		23.9	23.9	723	N	Y	2	DRY
	Bis(2-ethylhexyl)phthalate	117-81-7	N	INITIAL	ug/Kg		U		91.6	91.6	723	N	Y	2	DRY
	Diethyl phthalate	84-66-2	N	INITIAL	ug/Kg		U		23.9	23.9	723	N	Y	2	DRY
	Dimethyl phthalate	131-11-3	N	INITIAL	ug/Kg		U		153	153	723	N	Y	2	DRY
	Di-n-butyl phthalate	84-74-2	N	INITIAL	ug/Kg		U		24.7	24.7	723	N	Y	2	DRY
	Di-n-octyl phthalate	117-84-0	N	INITIAL	ug/Kg		U		48.8	48.8	723	N	Y	2	DRY
	Hexachloro-1,3-butadiene	87-68-3	N	INITIAL	ug/Kg		U		24.3	24.3	723	N	Y	2	DRY
	Hexachlorobenzene	118-74-1	N	INITIAL	ug/Kg		U		25.6	25.6	723	N	Y	2	DRY
	Hexachlorocyclopentadiene	77-47-4	N	INITIAL	ug/Kg		U		38.0	38.0	723	N	Y	2	DRY
	Hexachloroethane	67-72-1	N	INITIAL	ug/Kg		U		28.4	28.4	723	N	Y	2	DRY
	Isophorone	78-59-1	N	INITIAL	ug/Kg		U		22.1	22.1	723	N	Y	2	DRY
	Nitrobenzene	98-95-3	N	INITIAL	ug/Kg		U		25.2	25.2	723	N	Y	2	DRY
	n-Nitrosodimethylamine	62-75-9	N	INITIAL	ug/Kg		U		107	107	723	N	Y	2	DRY
	n-Nitrosodi-n-propylamine	621-64-7	N	INITIAL	ug/Kg		U		24.1	24.1	723	N	Y	2	DRY
	n-Nitrosodiphenylamine	86-30-6	N	INITIAL	ug/Kg		U		54.7	54.7	723	N	Y	2	DRY
	Pentachlorophenol	87-86-5	N	INITIAL	ug/Kg		U		19.4	19.4	723	N	Y	2	DRY
	Phenanthrene	85-01-8	N	INITIAL	ug/Kg		U		14.3	14.3	72.3	N	Y	2	DRY
	Phenol	108-95-2	N	INITIAL	ug/Kg		U		29.1	29.1	723	N	Y	2	DRY
SW9056	Nitrate-Nitrite	NO2-NO3	N	INITIAL	ug/Kg		U	BL	3840	3840	21700	N	Y	1	DRY
WBLACK	TOC By Walkley Black	10-35-5	N	INITIAL	ug/Kg	4550000			51000	51000	200000	Y	Y	2	NA