On May 29, 2025 personnel from Environmental Operations Inc. (EOI) arrive at 2008 South Sergeant Avenue Joplin, Missouri to investigate three 55-gallon drums located on the subject property. The drums were accessed and contained clear liquid with no observable odors. A sample was obtained from each drum and composited submitted under chain of custody procedures to an accredited offsite independent laboratory for the following analyses:

- Volatile Organic Compounds (VOCs) using SW-846 Method 8260
- Total Petroleum Hydrocarbons (TPH) Oil Range Organics (ORO) and Diesel Range Organics (DRO) using SW-846 Method 8270C
- PCBs using SW-846 Method 8082A
- RCRA Metals using SW-6010 /7471
- Flashpoint using SW-846 Method 1010/D92
- pH using Method SW 9065

The results from the analysis indicate no observable environmental impacts that would indicate a risk exposure or disposal risk. The liquids may disposed of to a local waste water treatment plant (via sewer access) upon their approval. The analytical results are attached.

June 09, 2025

Bill Frederick
Environmental Operations, Inc.
7733 Forsyth Boulevard, Suite 1600
Clayton, MO 63105
TEL: (314) 480-4679
FAX: (314) 436-2900

Illinois	100226
Illinois	1004652024-2
Kansas	E-10374
Louisiana	05002
Louisiana	05003
Oklahoma	9978

RE: Joplin MO Drums **WorkOrder:** 25052633

Dear Bill Frederick:

TEKLAB, INC received 1 sample on 5/30/2025 11:30:00 AM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column. Unless otherwise documented within this report, Teklab Inc. analyzes samples utilizing the most current methods in compliance with 40CFR. All tests are performed in the Collinsville, IL laboratory unless otherwise noted in the Case Narrative.

All quality control criteria applicable to the test methods employed for this project have been satisfactorily met and are in accordance with NELAP except where noted. The following report shall not be reproduced, except in full, without the written approval of Teklab, Inc.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Paul Schultz
Project Manager

Pschultz@teklabinc.com

Client: Environmental Operations, Inc. **Work Order:** 25052633

Client Project: Joplin MO Drums **Report Date:** 09-Jun-25

This reporting package includes the following:

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Client: Environmental Operations, Inc. **Work Order:** 25052633

Client Project: Joplin MO Drums **Report Date:** 09-Jun-25

Abbr Definition

*	Analytes on report marked with an asterisk are not NELAP accredited
CCV	Continuing calibration verification is a check of a standard to determine the state of calibration of an instrument between recalibration.
CRQL	A Client Requested Quantitation Limit is a reporting limit that varies according to customer request. The CRQL may not be less than the MDL.
DF	Dilution factor is the dilution performed during analysis only and does not take into account any dilutions made during sample preparation. The reported result is final and includes all dilution factors.
DNI	Did not ignite
DUP	Laboratory duplicate is a replicate aliquot prepared under the same laboratory conditions and independently analyzed to obtain a measure of precision.
ICV	Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.
IDPH	IL Dept. of Public Health
LCS	Laboratory control sample is a sample matrix, free from the analytes of interest,spiked with verified known amounts of analytes and analyzed exactly like a sample to establish intra-laboratory or analyst specific precision and bias or to assess the performance of all or a portion of the measurement system.
LCSD	Laboratory control sample duplicate is a replicate laboratory control sample that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
MBLK	Method blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences should present at concentrations that impact the analytical results for sample analyses.
MDL	"The method detection limit is defined as the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results."
MS	Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system. The acceptable recovery range is listed in the QC Package (provided upon request).
MSD	Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
MW	Molecular weight
NC	Data is not acceptable for compliance purposes
ND	Not Detected at the Reporting Limit
NELAP	NELAP Accredited
PQL	Practical quantitation limit means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions.
RL	The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL.
RPD	Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD). The acceptable recovery limit is listed in the QC Package (provided upon request).
SPK	The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes.
Surr	Surrogates are compounds which are similar to the analytes of interest in chemical composition and behavior in the analytical process, but which are not normally found in environmental samples.
TIC	Tentatively identified compound: Analytes tentatively identified in the sample by using a library search. Only results not in the calibration standard will be reported as tentatively identified compounds. Results for tentatively identified compounds that are not present in the calibration standard, but are assigned a specific chemical name based upon the library search, are calculated using total peak areas from reconstructed ion chromatograms and a response factor of one. The nearest Internal Standard is used for the calculation. The results of any TICs must be considered estimated, and are flagged with a "T". If the estimated result is above the calibration range it is flagged "ET"
TNTC	Too numerous to count (> 200 CFU)

Client: Environmental Operations, Inc.

Work Order: 25052633

Client Project: Joplin MO Drums

Report Date: 09-Jun-25

Qualifiers

- # - Unknown hydrocarbon
- B - Analyte detected in associated Method Blank
- C - RL shown is a Client Requested Quantitation Limit
- E - Value above quantitation range
- H - Holding times exceeded
- I - Associated internal standard was outside method criteria
- J - Analyte detected below quantitation limits
- M - Manual Integration used to determine area response
- ND - Not Detected at the Reporting Limit
- R - RPD outside accepted recovery limits
- S - Spike Recovery outside recovery limits
- T - TIC(Tentatively identified compound)
- X - Value exceeds Maximum Contaminant Level

Teklab, Inc.
Environmental Laboratory

Case Narrative

http://www.teklabinc.com/

Client: Environmental Operations, Inc.

Client Project: Joplin MO Drums

Work Order: 25052633

Report Date: 09-Jun-25

Cooler Receipt Temp: 1.9 °C

Locations

Collinsville

Address	5445 Horseshoe Lake Road Collinsville, IL 62234-7425
Phone	(618) 344-1004
Fax	(618) 344-1005
Email	jhriley@teklabinc.com

Collinsville Air

Address	5445 Horseshoe Lake Road Collinsville, IL 62234-7425
Phone	(618) 344-1004
Fax	(618) 344-1005
Email	EHurley@teklabinc.com

Springfield

Address	3920 Pintail Dr Springfield, IL 62711-9415
Phone	(217) 698-1004
Fax	(217) 698-1005
Email	KKlostermann@teklabinc.com

Chicago

Address	1319 Butterfield Rd. Downers Grove, IL 60515
Phone	(630) 324-6855
Fax	
Email	arenner@teklabinc.com

Kansas City

Address	8421 Nieman Road Lenexa, KS 66214
Phone	(913) 541-1998
Fax	(913) 541-1998
Email	jhriley@teklabinc.com

Client: Environmental Operations, Inc. **Work Order:** 25052633

Client Project: Joplin MO Drums **Report Date:** 09-Jun-25

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2026	Collinsville
Illinois	IEPA	1004652024-2	NELAP	4/30/2026	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2026	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2025	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2025	Collinsville
Oklahoma	ODEQ	9978	NELAP	8/31/2025	Collinsville
Arkansas	ADEQ	88-0966		3/14/2026	Collinsville
Illinois	IDPH	17584		5/31/2025	Collinsville
Iowa	IDNR	430		6/1/2026	Collinsville
Kentucky	KWLCP	KY98050		12/31/2025	Collinsville
Kentucky	KWLCP	KY98006		12/31/2025	Collinsville
Kentucky	UST	0073		1/31/2026	Collinsville
Mississippi	MSDH			4/30/2026	Collinsville
Missouri	MDNR	930		1/31/2028	Collinsville
Missouri	MDNR	00930		10/31/2026	Collinsville

Client: Environmental Operations, Inc. **Work Order:** 25052633

Client Project: Joplin MO Drums **Report Date:** 09-Jun-25

Lab ID: 25052633-001 **Client Sample ID:** JD

Matrix: OIL **Collection Date:** 05/29/2025 10:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
PH BY PAPER								
pH	*	0		**10.0**		1	06/05/2025 10:14	R366118
pH sample required a 1:20 dilution due to sample composition.								
SW-846 1010A								
Ignitability, Closed Cup	NELAP	60		**>200**	°F	1	06/09/2025 13:27	R366310
SW-846 3050B, 6010B, METALS IN OIL BY ICP								
Arsenic	*	2.45		**< 2.45**	mg/Kg	1	06/05/2025 20:30	239958
Barium	*	0.98		**2.22**	mg/Kg	2	06/09/2025 9:29	239958
Cadmium	*	0.20		**< 0.20**	mg/Kg	1	06/05/2025 20:30	239958
Chromium	*	0.49		**< 0.49**	mg/Kg	1	06/05/2025 20:30	239958
Lead	*	1.47		**< 1.47**	mg/Kg	1	06/05/2025 20:30	239958
Selenium	*	3.92		**< 3.92**	mg/Kg	1	06/05/2025 20:30	239958
Silver	*	0.98		**< 0.98**	mg/Kg	2	06/09/2025 9:29	239958
Elevated reporting limit due to high levels of non-target analytes.								
SW-846 7471B IN OIL								
Mercury	*	0.010		**< 0.010**	mg/Kg	1	06/02/2025 16:11	239912
SW-846 3510C, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
TPH-DRO (C10 - C21)	*	2.00	R	**7.98**	mg/L	1	06/04/2025 11:49	240032
TPH-ORO (C21 - C35)	*	2.80		**ND**	mg/L	1	06/04/2025 11:49	240032
Surr: 2-Fluorobiphenyl	*	16.4-128	SE	**468.0**	%REC	1	06/04/2025 11:49	240032
Surr: Nitrobenzene-d5	*	30-140		**85.2**	%REC	1	06/04/2025 11:49	240032
Surr: p-Terphenyl-d14	*	19.8-146		**98.7**	%REC	1	06/04/2025 11:49	240032
Surrogate recovery is outside control limits due to matrix interference.								
RPD for MS/MSD was outside control limits due to sample composition.								
Elevated reporting limit due to sample composition.								
SW-846 3580A, 8082A, POLYCHLORINATED BIPHENYLS (PCBS) BY GC/ECD								
Aroclor 1016	NELAP	4.76		**ND**	mg/Kg	10	06/03/2025 16:13	239936
Aroclor 1221	NELAP	4.76		**ND**	mg/Kg	10	06/03/2025 16:13	239936
Aroclor 1232	NELAP	4.76		**ND**	mg/Kg	10	06/03/2025 16:13	239936
Aroclor 1242	NELAP	4.76		**ND**	mg/Kg	10	06/03/2025 16:13	239936
Aroclor 1248	NELAP	4.76		**ND**	mg/Kg	10	06/03/2025 16:13	239936
Aroclor 1254	NELAP	4.76		**ND**	mg/Kg	10	06/03/2025 16:13	239936
Aroclor 1260	NELAP	4.76		**ND**	mg/Kg	10	06/03/2025 16:13	239936
Surr: Decachlorobiphenyl	*	5.64-225		**119.5**	%REC	10	06/03/2025 16:13	239936
Surr: Tetrachloro-meta-xylene	*	17.2-187		**96.4**	%REC	10	06/03/2025 16:13	239936
Elevated reporting limit due to sample extract composition.								
SW-846 5030B, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
1,1,1,2-Tetrachloroethane	NELAP	40.0		**ND**	mg/L	100	06/06/2025 12:57	240214
1,1,1-Trichloroethane	NELAP	40.0		**ND**	mg/L	100	06/06/2025 12:57	240214
1,1,2,2-Tetrachloroethane	NELAP	40.0		**ND**	mg/L	100	06/06/2025 12:57	240214
1,1,2-Trichloro-1,2,2-trifluoroethane	NELAP	100		**ND**	mg/L	100	06/06/2025 12:57	240214
1,1,2-Trichloroethane	NELAP	10.0		**ND**	mg/L	100	06/06/2025 12:57	240214
1,1-Dichloro-2-propanone	*	600		**ND**	mg/L	100	06/06/2025 12:57	240214
1,1-Dichloroethane	NELAP	40.0		**ND**	mg/L	100	06/06/2025 12:57	240214
1,1-Dichloroethene	NELAP	40.0		**ND**	mg/L	100	06/06/2025 12:57	240214
1,1-Dichloropropene	NELAP	40.0		**ND**	mg/L	100	06/06/2025 12:57	240214
1,2,3-Trichlorobenzene	NELAP	40.0		**ND**	mg/L	100	06/06/2025 12:57	240214
1,2,3-Trichloropropane	NELAP	40.0		**ND**	mg/L	100	06/06/2025 12:57	240214

Client: Environmental Operations, Inc. **Work Order:** 25052633

Client Project: Joplin MO Drums **Report Date:** 09-Jun-25

Lab ID: 25052633-001 **Client Sample ID:** JD

Matrix: OIL **Collection Date:** 05/29/2025 10:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 5030B, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
1,2,3-Trimethylbenzene	*	40.0		ND	mg/L	100	06/06/2025 12:57	240214
1,2,4-Trichlorobenzene	NELAP	40.0		ND	mg/L	100	06/06/2025 12:57	240214
1,2,4-Trimethylbenzene	NELAP	40.0		ND	mg/L	100	06/06/2025 12:57	240214
1,2-Dibromo-3-chloropropane	NELAP	40.0		ND	mg/L	100	06/06/2025 12:57	240214
1,2-Dibromoethane	NELAP	40.0		ND	mg/L	100	06/06/2025 12:57	240214
1,2-Dichlorobenzene	NELAP	40.0		ND	mg/L	100	06/06/2025 12:57	240214
1,2-Dichloroethane	NELAP	40.0		ND	mg/L	100	06/06/2025 12:57	240214
1,2-Dichloropropane	NELAP	40.0		ND	mg/L	100	06/06/2025 12:57	240214
1,3,5-Trimethylbenzene	NELAP	40.0		ND	mg/L	100	06/06/2025 12:57	240214
1,3-Dichlorobenzene	NELAP	40.0		ND	mg/L	100	06/06/2025 12:57	240214
1,3-Dichloropropane	NELAP	40.0		ND	mg/L	100	06/06/2025 12:57	240214
1,4-Dichlorobenzene	NELAP	40.0		ND	mg/L	100	06/06/2025 12:57	240214
1-Chlorobutane	NELAP	100		ND	mg/L	100	06/06/2025 12:57	240214
2,2-Dichloropropane	NELAP	40.0		ND	mg/L	100	06/06/2025 12:57	240214
2-Butanone	NELAP	200		ND	mg/L	100	06/06/2025 12:57	240214
2-Chloroethyl vinyl ether	NELAP	100		ND	mg/L	100	06/06/2025 12:57	240214
2-Chlorotoluene	NELAP	40.0		ND	mg/L	100	06/06/2025 12:57	240214
2-Hexanone	NELAP	200		ND	mg/L	100	06/06/2025 12:57	240214
2-Methyl-2-propanol	*	200		ND	mg/L	100	06/06/2025 12:57	240214
2-Nitropropane	NELAP	200		ND	mg/L	100	06/06/2025 12:57	240214
4-Chlorotoluene	NELAP	40.0		ND	mg/L	100	06/06/2025 12:57	240214
4-Methyl-2-pentanone	NELAP	200		ND	mg/L	100	06/06/2025 12:57	240214
Acetone	NELAP	200		ND	mg/L	100	06/06/2025 12:57	240214
Acetonitrile	NELAP	200		ND	mg/L	100	06/06/2025 12:57	240214
Acrolein	NELAP	400		ND	mg/L	100	06/06/2025 12:57	240214
Acrylonitrile	NELAP	100		ND	mg/L	100	06/06/2025 12:57	240214
Allyl chloride	NELAP	100		ND	mg/L	100	06/06/2025 12:57	240214
Benzene	NELAP	10.0		ND	mg/L	100	06/06/2025 12:57	240214
Bromobenzene	NELAP	40.0		ND	mg/L	100	06/06/2025 12:57	240214
Bromochloromethane	NELAP	40.0		ND	mg/L	100	06/06/2025 12:57	240214
Bromodichloromethane	NELAP	40.0		ND	mg/L	100	06/06/2025 12:57	240214
Bromoform	NELAP	40.0		ND	mg/L	100	06/06/2025 12:57	240214
Bromomethane	NELAP	100		ND	mg/L	100	06/06/2025 12:57	240214
Carbon disulfide	NELAP	40.0		ND	mg/L	100	06/06/2025 12:57	240214
Carbon tetrachloride	NELAP	40.0		ND	mg/L	100	06/06/2025 12:57	240214
Chlorobenzene	NELAP	40.0		ND	mg/L	100	06/06/2025 12:57	240214
Chloroethane	NELAP	40.0		ND	mg/L	100	06/06/2025 12:57	240214
Chloroform	NELAP	40.0		ND	mg/L	100	06/06/2025 12:57	240214
Chloromethane	NELAP	100		ND	mg/L	100	06/06/2025 12:57	240214
Chloroprene	NELAP	100		ND	mg/L	100	06/06/2025 12:57	240214
cis-1,2-Dichloroethene	NELAP	40.0		ND	mg/L	100	06/06/2025 12:57	240214
cis-1,3-Dichloropropene	NELAP	40.0		ND	mg/L	100	06/06/2025 12:57	240214
cis-1,4-Dichloro-2-butene	NELAP	40.0		ND	mg/L	100	06/06/2025 12:57	240214
Cyclohexanone	*	400		ND	mg/L	100	06/06/2025 12:57	240214
Dibromochloromethane	NELAP	40.0		ND	mg/L	100	06/06/2025 12:57	240214
Dibromomethane	NELAP	40.0		ND	mg/L	100	06/06/2025 12:57	240214
Dichlorodifluoromethane	NELAP	40.0		ND	mg/L	100	06/06/2025 12:57	240214

Client: Environmental Operations, Inc. **Work Order:** 25052633

Client Project: Joplin MO Drums **Report Date:** 09-Jun-25

Lab ID: 25052633-001 **Client Sample ID:** JD

Matrix: OIL **Collection Date:** 05/29/2025 10:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 5030B, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
DIPE	*	40.0		**ND**	mg/L	100	06/06/2025 12:57	240214
ETBE	*	40.0		**ND**	mg/L	100	06/06/2025 12:57	240214
Ethyl acetate	NELAP	200		**ND**	mg/L	100	06/06/2025 12:57	240214
Ethyl ether	NELAP	100		**ND**	mg/L	100	06/06/2025 12:57	240214
Ethyl methacrylate	NELAP	100		**ND**	mg/L	100	06/06/2025 12:57	240214
Ethylbenzene	NELAP	40.0		**ND**	mg/L	100	06/06/2025 12:57	240214
Hexachlorobutadiene	NELAP	100		**ND**	mg/L	100	06/06/2025 12:57	240214
Hexachloroethane	NELAP	100		**ND**	mg/L	100	06/06/2025 12:57	240214
Iodomethane	NELAP	100		**ND**	mg/L	100	06/06/2025 12:57	240214
Isopropylbenzene	NELAP	40.0		**ND**	mg/L	100	06/06/2025 12:57	240214
m,p-Xylenes	NELAP	40.0		**ND**	mg/L	100	06/06/2025 12:57	240214
Methacrylonitrile	NELAP	100		**ND**	mg/L	100	06/06/2025 12:57	240214
Methyl Methacrylate	NELAP	100		**ND**	mg/L	100	06/06/2025 12:57	240214
Methyl tert-butyl ether	NELAP	40.0		**ND**	mg/L	100	06/06/2025 12:57	240214
Methylacrylate	*	100		**ND**	mg/L	100	06/06/2025 12:57	240214
Methylene chloride	NELAP	40.0		**ND**	mg/L	100	06/06/2025 12:57	240214
Naphthalene	NELAP	100		ND	mg/L	100	06/06/2025 12:57	240214
n-Butyl acetate	*	40.0		**ND**	mg/L	100	06/06/2025 12:57	240214
n-Butylbenzene	NELAP	40.0		**ND**	mg/L	100	06/06/2025 12:57	240214
n-Heptane	*	100		**ND**	mg/L	100	06/06/2025 12:57	240214
n-Hexane	*	100		**ND**	mg/L	100	06/06/2025 12:57	240214
Nitrobenzene	NELAP	1000		**ND**	mg/L	100	06/06/2025 12:57	240214
n-Propylbenzene	NELAP	40.0		**ND**	mg/L	100	06/06/2025 12:57	240214
o-Ethyltoluene	*	100		**ND**	mg/L	100	06/06/2025 12:57	240214
o-Xylene	NELAP	40.0		**ND**	mg/L	100	06/06/2025 12:57	240214
Pentachloroethane	NELAP	100		**ND**	mg/L	100	06/06/2025 12:57	240214
p-Isopropyltoluene	NELAP	40.0		**ND**	mg/L	100	06/06/2025 12:57	240214
Propionitrile	NELAP	200		**ND**	mg/L	100	06/06/2025 12:57	240214
sec-Butylbenzene	NELAP	40.0		**ND**	mg/L	100	06/06/2025 12:57	240214
Styrene	NELAP	40.0		**ND**	mg/L	100	06/06/2025 12:57	240214
TAEE	*	40.0		**ND**	mg/L	100	06/06/2025 12:57	240214
TAME	*	40.0		**ND**	mg/L	100	06/06/2025 12:57	240214
tert-Butylbenzene	NELAP	40.0		**ND**	mg/L	100	06/06/2025 12:57	240214
Tetrachloroethene	NELAP	10.0		**ND**	mg/L	100	06/06/2025 12:57	240214
Tetrahydrofuran	NELAP	100		**ND**	mg/L	100	06/06/2025 12:57	240214
Toluene	NELAP	40.0		**ND**	mg/L	100	06/06/2025 12:57	240214
trans-1,2-Dichloroethene	NELAP	40.0		**ND**	mg/L	100	06/06/2025 12:57	240214
trans-1,3-Dichloropropene	NELAP	40.0		**ND**	mg/L	100	06/06/2025 12:57	240214
trans-1,4-Dichloro-2-butene	NELAP	40.0		**ND**	mg/L	100	06/06/2025 12:57	240214
Trichloroethene	NELAP	40.0		**ND**	mg/L	100	06/06/2025 12:57	240214
Trichlorofluoromethane	NELAP	100		**ND**	mg/L	100	06/06/2025 12:57	240214
Vinyl acetate	NELAP	100		**ND**	mg/L	100	06/06/2025 12:57	240214
Vinyl chloride	NELAP	40.0		**ND**	mg/L	100	06/06/2025 12:57	240214
Xylenes, Total	NELAP	80.0		**ND**	mg/L	100	06/06/2025 12:57	240214
Gasoline Range Organics (OA-1)	IDNR	10000		**ND**	mg/L	100	06/06/2025 12:57	240214
Surr: 1,2-Dichloroethane-d4	*	80-120		**91.0**	%REC	100	06/06/2025 12:57	240214
Surr: 4-Bromofluorobenzene	*	80-120		**96.4**	%REC	100	06/06/2025 12:57	240214

Client: Environmental Operations, Inc. **Work Order:** 25052633

Client Project: Joplin MO Drums **Report Date:** 09-Jun-25

Lab ID: 25052633-001 **Client Sample ID:** JD

Matrix: OIL **Collection Date:** 05/29/2025 10:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 5030B, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Surr: Dibromofluoromethane	*	80-120		**98.1**	%REC	100	06/06/2025 12:57	240214
Surr: Toluene-d8	*	80-120		**95.5**	%REC	100	06/06/2025 12:57	240214

LCS recovered outside upper control limits for Carbon disulfide. Sample results are below the reporting limit. Data is reportable per the TNI Standard. Elevated reporting limit due to matrix interference.

Client: Environmental Operations, Inc. **Work Order:** 25052633

Client Project: Joplin MO Drums **Report Date:** 09-Jun-25

PH BY PAPER

Batch R366118 **SampType:** LCS Units

SampID: LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
pH	*	0		**7.00**	7.000	0	100.0	90	110	06/05/2025

Batch R366118 **SampType:** DUP Units RPD Limit **10**

SampID: 25052633-001DDUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
pH	*	0		**10.0**				10.00	0.00	06/05/2025

Batch R366118 **SampType:** DUP Units RPD Limit **10**

SampID: 25052654-001ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
pH	*	0		**6.00**				6.000	0.00	06/05/2025

Batch R366118 **SampType:** DUP Units RPD Limit **10**

SampID: 25052654-002ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
pH	*	0		**6.00**				6.000	0.00	06/05/2025

Batch R366118 **SampType:** DUP Units RPD Limit **10**

SampID: 25052654-003ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
pH	*	0		**5.00**				5.000	0.00	06/05/2025

Batch R366118 **SampType:** DUP Units RPD Limit **10**

SampID: 25052654-004ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
pH	*	0		**5.00**				5.000	0.00	06/05/2025

Batch R366118 **SampType:** DUP Units RPD Limit **10**

SampID: 25052654-005ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
pH	*	0		**6.00**				6.000	0.00	06/05/2025

Client: Environmental Operations, Inc. **Work Order:** 25052633

Client Project: Joplin MO Drums **Report Date:** 09-Jun-25

SW-846 1010A

Batch R366310 **SampType:** LCS Units °F

SampID: LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Ignitability, Closed Cup		60		**80**	81.00	0	98.8	97	103	06/09/2025

SW-846 3050B, 6010B, METALS IN OIL BY ICP

Batch 239958 **SampType:** MBLK Units mg/Kg

SampID: MBLK-239958

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic	*	2.50		**< 2.50**	0.9700	0	0	-100	100	06/05/2025
Barium	*	0.50		**< 0.50**	0.1700	0	0	-100	100	06/05/2025
Cadmium	*	0.20		**< 0.20**	0.0500	0	0	-100	100	06/05/2025
Chromium	*	0.50		**< 0.50**	0.2300	0	0	-100	100	06/05/2025
Lead	*	1.50		**< 1.50**	0.5900	0	0	-100	100	06/05/2025
Selenium	*	4.00		**< 4.00**	1.680	0	0	-100	100	06/05/2025
Silver	*	0.50		**< 0.50**	0.1100	0	0	-100	100	06/05/2025

Batch 239958 **SampType:** LCS Units mg/Kg

SampID: LCS-239958

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic	*	2.50		**52.5**	50.00	0	105.0	85	115	06/05/2025
Barium	*	0.50		**216**	200.0	0	108.0	85	115	06/05/2025
Cadmium	*	0.20		**5.19**	5.000	0	103.8	85	115	06/05/2025
Chromium	*	0.50		**21.3**	20.00	0	106.7	85	115	06/05/2025
Lead	*	1.50		**52.2**	50.00	0	104.3	85	115	06/05/2025
Selenium	*	4.00		**50.5**	50.00	0	100.9	85	115	06/05/2025
Silver	*	0.50		**5.20**	5.000	0	104.0	85	115	06/05/2025

Batch 239958 **SampType:** MS Units mg/Kg

SampID: 25052633-001CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic	*	2.48		**52.0**	49.50	0	105.1	75	125	06/05/2025
Barium	*	0.99		**226**	198.0	2.216	113.2	75	125	06/09/2025
Cadmium	*	0.20		**5.04**	4.950	0	101.8	75	125	06/05/2025
Chromium	*	0.50		**21.2**	19.80	0.3725	105.4	75	125	06/05/2025
Lead	*	1.49		**51.8**	49.50	0.9804	102.7	75	125	06/05/2025
Selenium	*	3.96		**50.8**	49.50	1.961	98.6	75	125	06/05/2025
Silver	*	0.99		**4.30**	4.950	0	86.8	75	125	06/09/2025

Client: Environmental Operations, Inc. **Work Order:** 25052633

Client Project: Joplin MO Drums **Report Date:** 09-Jun-25

SW-846 3050B, 6010B, METALS IN OIL BY ICP

Batch 239958 **SampType:** MSD Units **mg/Kg** RPD Limit **20**

SampID: 25052633-001CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Arsenic	*	2.48		**51.3**	49.50	0	103.6	52.01	1.36	06/05/2025
Barium	*	0.99		**235**	198.0	2.216	117.8	226.4	3.90	06/09/2025
Cadmium	*	0.20		**4.96**	4.950	0	100.2	5.040	1.58	06/05/2025
Chromium	*	0.50		**21.1**	19.80	0.3725	104.5	21.25	0.89	06/05/2025
Lead	*	1.49		**51.6**	49.50	0.9804	102.2	51.83	0.52	06/05/2025
Selenium	*	3.96		**50.0**	49.50	1.961	97.1	50.78	1.45	06/05/2025
Silver	*	0.99		**4.51**	4.950	0	91.2	4.297	4.94	06/09/2025

SW-846 7471B IN OIL

Batch 239912 **SampType:** MBLK Units **mg/Kg**

SampID: MBLK-239912

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.010		**< 0.010**	0.0045	0	0	-100	100	06/02/2025

Batch 239912 **SampType:** LCS Units **mg/Kg**

SampID: LCS-239912

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.010		**0.257**	0.2500	0	102.9	85	115	06/02/2025

Batch 239912 **SampType:** MS Units **mg/Kg-dry**

SampID: 25052608-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.010		**0.283**	0.2513	0	112.6	75	125	06/02/2025

Batch 239912 **SampType:** MSD Units **mg/Kg-dry** RPD Limit **15**

SampID: 25052608-002AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.011		**0.300**	0.2638	0	113.9	0.2830	5.97	06/02/2025

Batch 239912 **SampType:** MS Units **mg/Kg-dry**

SampID: 25052608-008AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.011		**0.301**	0.2727	0	110.2	75	125	06/02/2025

Client: Environmental Operations, Inc. **Work Order:** 25052633

Client Project: Joplin MO Drums **Report Date:** 09-Jun-25

SW-846 7471B IN OIL

Batch 239912 **SampType:** MSD Units **mg/Kg-dry** RPD Limit **15**

SampID: 25052608-008AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.011		**0.306**	0.2795	0	109.4	0.3005	1.73	06/02/2025

SW-846 3510C, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 240032 **SampType:** MBLK Units **mg/L**

SampID: MBLK-240032

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
TPH-DRO (C10 - C21)	*	0.500		**ND**						06/04/2025
TPH-ORO (C21 - C35)	*	0.700		**ND**						06/04/2025
Surr: 2-Fluorobiphenyl	*			**0.0135**	0.0125		108.2	42.1	160	06/04/2025
Surr: Nitrobenzene-d5	*			**0.0135**	0.0125		108.4	60.5	164	06/04/2025
Surr: p-Terphenyl-d14	*			**0.0155**	0.0125		124.0	55.3	167	06/04/2025

Batch 240032 **SampType:** LCS Units **%REC**

SampID: LCS-240032

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Surr: 2-Fluorobiphenyl	*			**0.0134**	0.0125		107.3	42.1	160	06/04/2025
Surr: Nitrobenzene-d5	*			**0.0135**	0.0125		108.3	60.5	164	06/04/2025
Surr: p-Terphenyl-d14	*			**0.0146**	0.0125		117.1	55.3	167	06/04/2025

Batch 240032 **SampType:** LCSD Units **%REC** RPD Limit **0**

SampID: LCSD-240032

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Surr: 2-Fluorobiphenyl	*			**0.0135**	0.0125		108.1			06/04/2025
Surr: Nitrobenzene-d5	*			**0.0129**	0.0125		103.4			06/04/2025
Surr: p-Terphenyl-d14	*			**0.0145**	0.0125		115.8			06/04/2025

Batch 240032 **SampType:** LCSG Units **mg/L**

SampID: LCSG-240032

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
TPH-DRO (C10 - C21)	*	0.500		**1.86**	2.000	0	93.0	45.9	159	06/04/2025
Surr: 2-Fluorobiphenyl	*			**0.0138**	0.0125		110.4	42.1	160	06/04/2025
Surr: Nitrobenzene-d5	*			**0.0135**	0.0125		107.9	60.5	164	06/04/2025
Surr: p-Terphenyl-d14	*			**0.0146**	0.0125		117.2	55.3	167	06/04/2025

Client: Environmental Operations, Inc. **Work Order:** 25052633

Client Project: Joplin MO Drums **Report Date:** 09-Jun-25

SW-846 3510C, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 240032 **SampType:** MS Units **mg/L**

SampID: 25052633-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
TPH-DRO (C10 - C21)	*	2.00		**12.0**	8.000	7.978	50.6	16.9	127	06/04/2025
Surr: 2-Fluorobiphenyl	*		SE	**0.184**	0.0500		368.0	16.4	128	06/04/2025
Surr: Nitrobenzene-d5	*			**0.0342**	0.0500		68.3	30	140	06/04/2025
Surr: p-Terphenyl-d14	*			**0.0427**	0.0500		85.4	19.8	146	06/04/2025

Batch 240032 **SampType:** MSD Units **mg/L** RPD Limit **26.5**

SampID: 25052633-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
TPH-DRO (C10 - C21)	*	2.00	R	**17.2**	8.000	7.978	114.9	12.03	35.21	06/04/2025
Surr: 2-Fluorobiphenyl	*		SE	**0.235**	0.0500		470.4			06/04/2025
Surr: Nitrobenzene-d5	*			**0.0417**	0.0500		83.5			06/04/2025
Surr: p-Terphenyl-d14	*			**0.0490**	0.0500		98.0			06/04/2025

SW-846 3580A, 8082A, POLYCHLORINATED BIPHENYLS (PCBS) BY GC/ECD

Batch 239936 **SampType:** MBLK Units **mg/Kg**

SampID: MBLK-239936

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aroclor 1016		0.50		**ND**						06/02/2025
Aroclor 1221		0.50		**ND**						06/02/2025
Aroclor 1232		0.50		**ND**						06/02/2025
Aroclor 1242		0.50		**ND**						06/02/2025
Aroclor 1248		0.50		**ND**						06/02/2025
Aroclor 1254		0.50		**ND**						06/02/2025
Aroclor 1260		0.50		**ND**						06/02/2025
Surr: Decachlorobiphenyl	*			**0.65**	0.5000		130.9	75.8	167	06/02/2025
Surr: Tetrachloro-meta-xylene	*			**0.69**	0.5000		137.1	82.6	158	06/02/2025

Batch 239936 **SampType:** LCS Units **mg/Kg**

SampID: LCSPCB-239936

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aroclor 1016		0.50		**12.3**	10.00	0	123.1	86.2	147	06/02/2025
Aroclor 1260		0.50		**12.7**	10.00	0	127.2	96.8	141	06/02/2025
Surr: Decachlorobiphenyl	*			**0.65**	0.5000		129.2	75.8	167	06/02/2025
Surr: Tetrachloro-meta-xylene	*			**0.69**	0.5000		137.8	82.6	158	06/02/2025

Client: Environmental Operations, Inc. **Work Order:** 25052633

Client Project: Joplin MO Drums **Report Date:** 09-Jun-25

SW-846 3580A, 8082A, POLYCHLORINATED BIPHENYLS (PCBS) BY GC/ECD

Batch 239936 **SampType:** MS Units **mg/Kg**

SampID: 25052138-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aroclor 1016		4.85		**9.28**	9.709	0	95.6	33.9	203	06/02/2025
Aroclor 1260		4.85		**8.28**	9.709	0	85.3	18.3	218	06/02/2025
Surr: Decachlorobiphenyl	*			**0.43**	0.4854		88.8	5.64	225	06/02/2025
Surr: Tetrachloro-meta-xylene	*			**0.48**	0.4854		98.6	17.2	187	06/02/2025

Batch 239936 **SampType:** MSD Units **mg/Kg** RPD Limit **39.6**

SampID: 25052138-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Aroclor 1016		4.90		**11.9**	9.804	0	121.7	9.278	24.99	06/02/2025
Aroclor 1260		4.90		**11.2**	9.804	0	114.0	8.282	29.74	06/02/2025
Surr: Decachlorobiphenyl	*			**0.55**	0.4902		112.3			06/02/2025
Surr: Tetrachloro-meta-xylene	*			**0.64**	0.4902		130.1			06/02/2025

Batch 239936 **SampType:** MS Units **mg/Kg**

SampID: 25052473-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aroclor 1016		4.85		**11.8**	9.709	0	121.3	33.9	203	06/02/2025
Aroclor 1260		4.85		**11.0**	9.709	0	113.4	18.3	218	06/02/2025
Surr: Decachlorobiphenyl	*			**0.84**	0.4854		173.7	5.64	225	06/02/2025
Surr: Tetrachloro-meta-xylene	*			**0.50**	0.4854		103.3	17.2	187	06/02/2025

Batch 239936 **SampType:** MS Units **mg/Kg**

SampID: 25052633-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aroclor 1016		4.59		**12.3**	9.174	0	134.5	33.9	203	06/03/2025
Aroclor 1260		4.59		**12.7**	9.174	0	138.2	18.3	218	06/03/2025
Surr: Decachlorobiphenyl	*			**0.75**	0.4587		164.1	5.64	225	06/03/2025
Surr: Tetrachloro-meta-xylene	*			**0.69**	0.4587		150.4	17.2	187	06/03/2025

Batch 239936 **SampType:** MS Units **mg/Kg**

SampID: 25052654-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aroclor 1016		4.67		**10.4**	9.346	0	111.4	33.9	203	06/03/2025
Aroclor 1260		4.67		**11.0**	9.346	0	117.9	18.3	218	06/03/2025
Surr: Decachlorobiphenyl	*			**0.68**	0.4673		145.6	5.64	225	06/03/2025
Surr: Tetrachloro-meta-xylene	*			**0.44**	0.4673		94.7	17.2	187	06/03/2025

Client: Environmental Operations, Inc. **Work Order:** 25052633

Client Project: Joplin MO Drums **Report Date:** 09-Jun-25

SW-846 3580A, 8082A, POLYCHLORINATED BIPHENYLS (PCBS) BY GC/ECD

Batch 239936 **SampType:** MS Units **mg/Kg**

SampID: 25052654-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aroclor 1016		4.59		**11.4**	9.174	0	124.7	33.9	203	06/03/2025
Aroclor 1260		4.59		**11.4**	9.174	0	124.2	18.3	218	06/03/2025
Surr: Decachlorobiphenyl	*			**0.66**	0.4587		142.9	5.64	225	06/03/2025
Surr: Tetrachloro-meta-xylene	*			**0.60**	0.4587		131.8	17.2	187	06/03/2025

Batch 239936 **SampType:** MS Units **mg/Kg**

SampID: 25052654-003AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aroclor 1016		4.81		**11.8**	9.615	0	123.2	33.9	203	06/03/2025
Aroclor 1260		4.81		**11.7**	9.615	0	121.9	18.3	218	06/03/2025
Surr: Decachlorobiphenyl	*			**0.68**	0.4808		141.8	5.64	225	06/03/2025
Surr: Tetrachloro-meta-xylene	*			**0.62**	0.4808		129.6	17.2	187	06/03/2025

Batch 239936 **SampType:** MS Units **mg/Kg**

SampID: 25052654-004AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aroclor 1016		5.00		**11.4**	10.00	0	114.1	33.9	203	06/03/2025
Aroclor 1260		5.00		**10.8**	10.00	0	107.9	18.3	218	06/03/2025
Surr: Decachlorobiphenyl	*			**0.65**	0.5000		131.0	5.64	225	06/03/2025
Surr: Tetrachloro-meta-xylene	*			**0.60**	0.5000		119.4	17.2	187	06/03/2025

Batch 239936 **SampType:** MS Units **mg/Kg**

SampID: 25052654-005AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aroclor 1016		5.05		**11.8**	10.10	0	116.7	33.9	203	06/03/2025
Aroclor 1260		5.05		**11.4**	10.10	0	112.4	18.3	218	06/03/2025
Surr: Decachlorobiphenyl	*			**0.61**	0.5051		120.8	5.64	225	06/03/2025
Surr: Tetrachloro-meta-xylene	*			**0.62**	0.5051		122.8	17.2	187	06/03/2025

Batch 239936 **SampType:** MS Units **mg/Kg**

SampID: 25060020-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aroclor 1016		4.90		**9.72**	9.804	0	99.2	33.9	203	06/03/2025
Aroclor 1260		4.90		**10.5**	9.804	0	106.9	18.3	218	06/03/2025
Surr: Decachlorobiphenyl	*			**0.66**	0.4902		135.2	5.64	225	06/03/2025
Surr: Tetrachloro-meta-xylene	*			**0.48**	0.4902		98.7	17.2	187	06/03/2025

Client: Environmental Operations, Inc.

Client Project: Joplin MO Drums

Work Order: 25052633

Report Date: 09-Jun-25

SW-846 5030B, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 239938 **SampType:** MBLK Units µg/L

SampID: MBLK-AM250530A-2

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
1,1,1,2-Tetrachloroethane		2.0		ND						05/30/2025
1,1,1-Trichloroethane		2.0		ND						05/30/2025
1,1,2,2-Tetrachloroethane		2.0		ND						05/30/2025
1,1,2-Trichloro-1,2,2-trifluoroethane		5.0		ND						05/30/2025
1,1,2-Trichloroethane		0.5		ND						05/30/2025
1,1-Dichloro-2-propanone	*	30.0		ND						05/30/2025
1,1-Dichloroethane		2.0		ND						05/30/2025
1,1-Dichloroethene		2.0		ND						05/30/2025
1,1-Dichloropropene		2.0		ND						05/30/2025
1,2,3-Trichlorobenzene		2.0		ND						05/30/2025
1,2,3-Trichloropropane		2.0		ND						05/30/2025
1,2,3-Trimethylbenzene	*	2.0		ND						05/30/2025
1,2,4-Trichlorobenzene		2.0		ND						05/30/2025
1,2,4-Trimethylbenzene		2.0		ND						05/30/2025
1,2-Dibromo-3-chloropropane		5.0		ND						05/30/2025
1,2-Dibromoethane		2.0		ND						05/30/2025
1,2-Dichlorobenzene		2.0		ND						05/30/2025
1,2-Dichloroethane		2.0		ND						05/30/2025
1,2-Dichloropropane		2.0		ND						05/30/2025
1,3,5-Trimethylbenzene		2.0		ND						05/30/2025
1,3-Dichlorobenzene		2.0		ND						05/30/2025
1,3-Dichloropropane		2.0		ND						05/30/2025
1,4-Dichlorobenzene		2.0		ND						05/30/2025
1-Chlorobutane		5.0		ND						05/30/2025
2,2-Dichloropropane		2.0		ND						05/30/2025
2-Butanone		10.0		ND						05/30/2025
2-Chloroethyl vinyl ether		5.0		ND						05/30/2025
2-Chlorotoluene		2.0		ND						05/30/2025
2-Hexanone		10.0		ND						05/30/2025
2-Methyl-2-propanol		10.0		ND						05/30/2025
2-Nitropropane		10.0		ND						05/30/2025
4-Chlorotoluene		2.0		ND						05/30/2025
4-Methyl-2-pentanone		10.0		ND						05/30/2025
Acetone		10.0		ND						05/30/2025
Acetonitrile		10.0		ND						05/30/2025
Acrolein		20.0		ND						05/30/2025

Client: Environmental Operations, Inc. **Work Order:** 25052633

Client Project: Joplin MO Drums **Report Date:** 09-Jun-25

SW-846 5030B, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 239938 **SampType:** MBLK Units µg/L

SampID: MBLK-AM250530A-2

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acrylonitrile		5.0		ND						05/30/2025
Allyl chloride		5.0		ND						05/30/2025
Benzene		0.5		ND						05/30/2025
Bromobenzene		2.0		ND						05/30/2025
Bromochloromethane		2.0		ND						05/30/2025
Bromodichloromethane		2.0		ND						05/30/2025
Bromoform		2.0		ND						05/30/2025
Bromomethane		5.0		ND						05/30/2025
Carbon disulfide		2.0		ND						05/30/2025
Carbon tetrachloride		2.0		ND						05/30/2025
Chlorobenzene		2.0		ND						05/30/2025
Chloroethane		2.0		ND						05/30/2025
Chloroform		2.0		ND						05/30/2025
Chloromethane		5.0		ND						05/30/2025
Chloroprene		5.0		ND						05/30/2025
cis-1,2-Dichloroethene		2.0		ND						05/30/2025
cis-1,3-Dichloropropene		2.0		ND						05/30/2025
cis-1,4-Dichloro-2-butene		2.0		ND						05/30/2025
Cyclohexanone	*	20.0		ND						05/30/2025
Dibromochloromethane		2.0		ND						05/30/2025
Dibromomethane		2.0		ND						05/30/2025
Dichlorodifluoromethane		2.0		ND						05/30/2025
DIPE		2.0		ND						05/30/2025
ETBE	*	2.0		ND						05/30/2025
Ethyl acetate		10.0		ND						05/30/2025
Ethyl ether		5.0		ND						05/30/2025
Ethyl methacrylate		5.0		ND						05/30/2025
Ethylbenzene		2.0		ND						05/30/2025
Hexachlorobutadiene		5.0		ND						05/30/2025
Hexachloroethane		5.0		ND						05/30/2025
Iodomethane		5.0		ND						05/30/2025
Isopropylbenzene		2.0		ND						05/30/2025
m,p-Xylenes		2.0		ND						05/30/2025
Methacrylonitrile		5.0		ND						05/30/2025
Methyl Methacrylate		5.0		ND						05/30/2025
Methyl tert-butyl ether		2.0		ND						05/30/2025

Client: Environmental Operations, Inc. **Work Order:** 25052633

Client Project: Joplin MO Drums **Report Date:** 09-Jun-25

SW-846 5030B, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 239938 **SampType:** MBLK Units µg/L

SampID: MBLK-AM250530A-2

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Methylacrylate		5.0		ND						05/30/2025
Methylene chloride		2.0		ND						05/30/2025
Naphthalene		5.0		ND						05/30/2025
n-Butyl acetate	*	2.0		ND						05/30/2025
n-Butylbenzene		2.0		ND						05/30/2025
n-Heptane	*	5.0		ND						05/30/2025
n-Hexane	*	5.0		ND						05/30/2025
Nitrobenzene		50.0		ND						05/30/2025
n-Propylbenzene		2.0		ND						05/30/2025
o-Ethyltoluene	*	5.0		ND						05/30/2025
o-Xylene		2.0		ND						05/30/2025
Pentachloroethane		5.0		ND						05/30/2025
p-Isopropyltoluene		2.0		ND						05/30/2025
Propionitrile		10.0		ND						05/30/2025
sec-Butylbenzene		2.0		ND						05/30/2025
Styrene		2.0		ND						05/30/2025
TAEE	*	2.0		ND						05/30/2025
TAME	*	2.0		ND						05/30/2025
tert-Butylbenzene		2.0		ND						05/30/2025
Tetrachloroethene		0.5		ND						05/30/2025
Tetrahydrofuran		5.0		ND						05/30/2025
Toluene		2.0		ND						05/30/2025
trans-1,2-Dichloroethene		2.0		ND						05/30/2025
trans-1,3-Dichloropropene		2.0		ND						05/30/2025
trans-1,4-Dichloro-2-butene		2.0		ND						05/30/2025
Trichloroethene		2.0		ND						05/30/2025
Trichlorofluoromethane		5.0		ND						05/30/2025
Vinyl acetate		5.0		ND						05/30/2025
Vinyl chloride		2.0		ND						05/30/2025
Xylenes, Total		4.0		ND						05/30/2025
Gasoline Range Organics (OA-1)		500		ND						05/30/2025
Surr: 1,2-Dichloroethane-d4	*			53.3	50.00		106.5	80	120	05/30/2025
Surr: 4-Bromofluorobenzene	*			50.3	50.00		100.7	80	120	05/30/2025
Surr: Dibromofluoromethane	*			50.6	50.00		101.1	80	120	05/30/2025
Surr: Toluene-d8	*			49.8	50.00		99.7	80	120	05/30/2025

Client: Environmental Operations, Inc. **Work Order:** 25052633

Client Project: Joplin MO Drums **Report Date:** 09-Jun-25

SW-846 5030B, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 239938 **SampType:** LCS Units µg/L

SampID: LCS-AM250530A-2

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
1,1,1,2-Tetrachloroethane		2.0		**52.7**	50.00	0	105.3	83.5	117	05/30/2025
1,1,1-Trichloroethane		2.0		**53.2**	50.00	0	106.4	80	122	05/30/2025
1,1,2,2-Tetrachloroethane		2.0		**55.8**	50.00	0	111.5	81.1	119	05/30/2025
1,1,2-Trichloro-1,2,2-trifluoroethane		5.0		**51.0**	50.00	0	102.1	75.7	120	05/30/2025
1,1,2-Trichloroethane		0.5		**53.2**	50.00	0	106.4	85	115	05/30/2025
1,1-Dichloro-2-propanone	*	30.0		**151**	125.0	0	120.5	64.8	132	05/30/2025
1,1-Dichloroethane		2.0		**56.4**	50.00	0	112.9	84.6	116	05/30/2025
1,1-Dichloroethene		2.0		**56.8**	50.00	0	113.7	79.9	119	05/30/2025
1,1-Dichloropropene		2.0		**53.4**	50.00	0	106.8	83.9	117	05/30/2025
1,2,3-Trichlorobenzene		2.0		**53.2**	50.00	0	106.4	76.3	132	05/30/2025
1,2,3-Trichloropropane		2.0		**52.0**	50.00	0	103.9	76.6	110	05/30/2025
1,2,3-Trimethylbenzene	*	2.0		**56.1**	50.00	0	112.3	81.2	123	05/30/2025
1,2,4-Trichlorobenzene		2.0		**53.2**	50.00	0	106.4	79.5	127	05/30/2025
1,2,4-Trimethylbenzene		2.0		**54.9**	50.00	0	109.8	77.8	120	05/30/2025
1,2-Dibromo-3-chloropropane		5.0	S	**62.4**	50.00	0	124.8	70	124	05/30/2025
1,2-Dibromoethane		2.0		**54.4**	50.00	0	108.7	85.5	116	05/30/2025
1,2-Dichlorobenzene		2.0		**52.3**	50.00	0	104.7	86	116	05/30/2025
1,2-Dichloroethane		2.0		**52.7**	50.00	0	105.3	73.8	119	05/30/2025
1,2-Dichloropropane		2.0		**54.4**	50.00	0	108.7	85.4	116	05/30/2025
1,3,5-Trimethylbenzene		2.0		**54.6**	50.00	0	109.1	80.7	120	05/30/2025
1,3-Dichlorobenzene		2.0		**52.9**	50.00	0	105.8	87.4	118	05/30/2025
1,3-Dichloropropane		2.0		**53.9**	50.00	0	107.8	82.3	115	05/30/2025
1,4-Dichlorobenzene		2.0		**51.9**	50.00	0	103.7	85.7	116	05/30/2025
1-Chlorobutane		5.0		**54.9**	50.00	0	109.7	81.3	117	05/30/2025
2,2-Dichloropropane		2.0		**54.9**	50.00	0	109.7	63.2	131	05/30/2025
2-Butanone		10.0		**162**	125.0	0	129.8	72.4	131	05/30/2025
2-Chloroethyl vinyl ether		5.0		**57.3**	50.00	0	114.5	53.6	141	05/30/2025
2-Chlorotoluene		2.0		**54.9**	50.00	0	109.7	81	117	05/30/2025
2-Hexanone		10.0	S	**161**	125.0	0	128.7	67.9	128	05/30/2025
2-Methyl-2-propanol		10.0		**289**	250.0	0	115.6	66.6	120	05/30/2025
2-Nitropropane		10.0		**690**	500.0	0	138.0	69	142	05/30/2025
4-Chlorotoluene		2.0		**56.6**	50.00	0	113.1	80.7	121	05/30/2025
4-Methyl-2-pentanone		10.0		**153**	125.0	0	122.5	74.7	128	05/30/2025
Acetone		10.0	S	**179**	125.0	0	143.3	67	127	05/30/2025
Acetonitrile		10.0		**626**	500.0	0	125.2	76.3	145	05/30/2025
Acrolein		20.0		**513**	500.0	0	102.7	10.8	188	05/30/2025

Client: Environmental Operations, Inc. **Work Order:** 25052633

Client Project: Joplin MO Drums **Report Date:** 09-Jun-25

SW-846 5030B, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 239938 **SampType:** LCS Units µg/L

SampID: LCS-AM250530A-2

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acrylonitrile		5.0		**56.3**	50.00	0	112.6	81.2	124	05/30/2025
Allyl chloride		5.0		**57.2**	50.00	0	114.5	77.5	124	05/30/2025
Benzene		0.5		**52.9**	50.00	0	105.8	86.3	117	05/30/2025
Bromobenzene		2.0		**50.7**	50.00	0	101.3	84	114	05/30/2025
Bromochloromethane		2.0		**54.8**	50.00	0	109.6	72.4	117	05/30/2025
Bromodichloromethane		2.0		**54.9**	50.00	0	109.7	83.4	117	05/30/2025
Bromoform		2.0		**53.6**	50.00	0	107.2	81.9	121	05/30/2025
Bromomethane		5.0		**65.1**	50.00	0	130.2	41.9	163	05/30/2025
Carbon disulfide		2.0		**55.3**	50.00	0	110.6	73.1	131	05/30/2025
Carbon tetrachloride		2.0		**53.2**	50.00	0	106.4	78.9	124	05/30/2025
Chlorobenzene		2.0		**52.1**	50.00	0	104.3	85.9	116	05/30/2025
Chloroethane		2.0		**55.4**	50.00	0	110.8	77.6	127	05/30/2025
Chloroform		2.0		**51.7**	50.00	0	103.4	84	116	05/30/2025
Chloromethane		5.0	S	**68.6**	50.00	0	137.1	53.7	135	05/30/2025
Chloroprene		5.0		**56.5**	50.00	0	112.9	79.8	119	05/30/2025
cis-1,2-Dichloroethene		2.0		**50.3**	50.00	0	100.6	85.7	117	05/30/2025
cis-1,3-Dichloropropene		2.0		**58.3**	50.00	0	116.7	85.4	122	05/30/2025
cis-1,4-Dichloro-2-butene		2.0	S	**70.5**	50.00	0	141.0	60.9	135	05/30/2025
Cyclohexanone	*	20.0		**530**	500.0	0	106.0	63.8	128	05/30/2025
Dibromochloromethane		2.0		**55.0**	50.00	0	110.0	84.7	119	05/30/2025
Dibromomethane		2.0		**51.2**	50.00	0	102.3	81.6	110	05/30/2025
Dichlorodifluoromethane		2.0		**65.8**	50.00	0	131.6	33.9	142	05/30/2025
DIPE		2.0		**59.5**	50.00	0	119.0	77.3	127	05/30/2025
ETBE	*	2.0		**58.9**	50.00	0	117.8	82.3	122	05/30/2025
Ethyl acetate		10.0	S	**63.0**	50.00	0	126.0	73.5	120	05/30/2025
Ethyl ether		5.0		**55.4**	50.00	0	110.7	84.3	116	05/30/2025
Ethyl methacrylate		5.0		**58.9**	50.00	0	117.8	79.5	121	05/30/2025
Ethylbenzene		2.0		**53.6**	50.00	0	107.3	84.1	115	05/30/2025
Hexachlorobutadiene		5.0		**52.1**	50.00	0	104.1	71.4	141	05/30/2025
Hexachloroethane		5.0		**55.6**	50.00	0	111.1	65.7	126	05/30/2025
Iodomethane		5.0		**53.9**	50.00	0	107.9	13.4	153	05/30/2025
Isopropylbenzene		2.0		**47.6**	50.00	0	95.1	75.2	108	05/30/2025
m,p-Xylenes		2.0		**107**	100.0	0	107.1	83.7	116	05/30/2025
Methacrylonitrile		5.0		**54.8**	50.00	0	109.5	83.4	118	05/30/2025
Methyl Methacrylate		5.0		**61.4**	50.00	0	122.7	75	126	05/30/2025
Methyl tert-butyl ether		2.0		**57.2**	50.00	0	114.4	84.4	121	05/30/2025

Client: Environmental Operations, Inc. **Work Order:** 25052633

Client Project: Joplin MO Drums **Report Date:** 09-Jun-25

SW-846 5030B, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 239938 **SampType:** LCS Units µg/L

SampID: LCS-AM250530A-2

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Methylacrylate		5.0		**56.9**	50.00	0	113.8	83.9	120	05/30/2025
Methylene chloride		2.0		**54.4**	50.00	0	108.8	78	118	05/30/2025
Naphthalene		5.0		**58.1**	50.00	0	116.3	69.3	128	05/30/2025
n-Butyl acetate	*	2.0		**62.4**	50.00	0	124.8	69.5	127	05/30/2025
n-Butylbenzene		2.0		**53.1**	50.00	0	106.2	71.8	123	05/30/2025
n-Heptane	*	5.0		**47.8**	50.00	0	95.7	49	130	05/30/2025
n-Hexane	*	5.0		**53.2**	50.00	0	106.4	63.9	123	05/30/2025
Nitrobenzene		50.0		**600**	500.0	0	120.0	62.2	128	05/30/2025
n-Propylbenzene		2.0		**55.0**	50.00	0	110.1	80.3	121	05/30/2025
o-Ethyltoluene	*	5.0		**54.8**	50.00	0	109.7	81.3	121	05/30/2025
o-Xylene		2.0		**52.3**	50.00	0	104.5	83.1	114	05/30/2025
Pentachloroethane		5.0	S	**33.1**	50.00	0	66.2	79.7	128	05/30/2025
p-Isopropyltoluene		2.0		**54.7**	50.00	0	109.3	78.4	123	05/30/2025
Propionitrile		10.0		**599**	500.0	0	119.7	81.3	123	05/30/2025
sec-Butylbenzene		2.0		**54.4**	50.00	0	108.8	78.9	123	05/30/2025
Styrene		2.0		**53.5**	50.00	0	106.9	84.9	118	05/30/2025
TAEE	*	2.0		**57.5**	50.00	0	115.0	78.2	122	05/30/2025
TAME	*	2.0		**54.4**	50.00	0	108.9	81.4	119	05/30/2025
tert-Butylbenzene		2.0		**54.8**	50.00	0	109.5	75.2	121	05/30/2025
Tetrachloroethene		0.5	S	**67.0**	50.00	0	134.0	84.1	123	05/30/2025
Tetrahydrofuran		5.0	S	**65.0**	50.00	0	130.0	63.9	124	05/30/2025
Toluene		2.0		**52.7**	50.00	0	105.4	84.4	115	05/30/2025
trans-1,2-Dichloroethene		2.0		**54.4**	50.00	0	108.8	82.2	117	05/30/2025
trans-1,3-Dichloropropene		2.0		**58.1**	50.00	0	116.2	79.8	123	05/30/2025
trans-1,4-Dichloro-2-butene		2.0	S	**75.7**	50.00	0	151.5	58.8	134	05/30/2025
Trichloroethene		2.0		**49.6**	50.00	0	99.2	86.2	117	05/30/2025
Trichlorofluoromethane		5.0		**54.2**	50.00	0	108.4	76.1	127	05/30/2025
Vinyl acetate		5.0		**51.9**	50.00	0	103.8	82.9	135	05/30/2025
Vinyl chloride		2.0		**57.7**	50.00	0	115.4	65.1	128	05/30/2025
Xylenes, Total		4.0		**159**	150.0	0	106.2	83.7	115	05/30/2025
Surr: 1,2-Dichloroethane-d4	*			**53.9**	50.00		107.9	80	120	05/30/2025
Surr: 4-Bromofluorobenzene	*			**52.9**	50.00		105.7	80	120	05/30/2025
Surr: Dibromofluoromethane	*			**51.4**	50.00		102.8	80	120	05/30/2025
Surr: Toluene-d8	*			**51.0**	50.00		102.1	80	120	05/30/2025

Client: Environmental Operations, Inc.

Client Project: Joplin MO Drums

Work Order: 25052633

Report Date: 09-Jun-25

SW-846 5030B, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 239938 **SampType:** LCSD Units µg/L RPD Limit 20

SampID: LCSD-AM250530A-2

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
1,1,1,2-Tetrachloroethane		2.0		**53.0**	50.00	0	106.0	52.67	0.61	05/30/2025
1,1,1-Trichloroethane		2.0		**53.1**	50.00	0	106.2	53.18	0.15	05/30/2025
1,1,2,2-Tetrachloroethane		2.0		**53.4**	50.00	0	106.8	55.77	4.38	05/30/2025
1,1,2-Trichloro-1,2,2-trifluoroethane		5.0		**51.4**	50.00	0	102.7	51.03	0.66	05/30/2025
1,1,2-Trichloroethane		0.5		**52.7**	50.00	0	105.5	53.19	0.87	05/30/2025
1,1-Dichloro-2-propanone	*	30.0		**141**	125.0	0	112.7	150.6	6.65	05/30/2025
1,1-Dichloroethane		2.0		**55.0**	50.00	0	110.0	56.44	2.57	05/30/2025
1,1-Dichloroethene		2.0		**56.0**	50.00	0	111.9	56.83	1.54	05/30/2025
1,1-Dichloropropene		2.0		**53.4**	50.00	0	106.8	53.42	0.04	05/30/2025
1,2,3-Trichlorobenzene		2.0		**54.5**	50.00	0	109.0	53.22	2.39	05/30/2025
1,2,3-Trichloropropane		2.0		**51.5**	50.00	0	103.0	51.95	0.83	05/30/2025
1,2,3-Trimethylbenzene	*	2.0		**55.2**	50.00	0	110.5	56.14	1.62	05/30/2025
1,2,4-Trichlorobenzene		2.0		**54.6**	50.00	0	109.1	53.19	2.54	05/30/2025
1,2,4-Trimethylbenzene		2.0		**54.5**	50.00	0	108.9	54.88	0.77	05/30/2025
1,2-Dibromo-3-chloropropane		5.0		**60.1**	50.00	0	120.2	62.41	3.79	05/30/2025
1,2-Dibromoethane		2.0		**54.2**	50.00	0	108.3	54.36	0.39	05/30/2025
1,2-Dichlorobenzene		2.0		**52.4**	50.00	0	104.8	52.34	0.10	05/30/2025
1,2-Dichloroethane		2.0		**51.3**	50.00	0	102.5	52.66	2.67	05/30/2025
1,2-Dichloropropane		2.0		**53.8**	50.00	0	107.6	54.36	1.00	05/30/2025
1,3,5-Trimethylbenzene		2.0		**54.2**	50.00	0	108.5	54.55	0.55	05/30/2025
1,3-Dichlorobenzene		2.0		**53.8**	50.00	0	107.6	52.92	1.65	05/30/2025
1,3-Dichloropropane		2.0		**52.7**	50.00	0	105.5	53.92	2.23	05/30/2025
1,4-Dichlorobenzene		2.0		**51.8**	50.00	0	103.6	51.86	0.15	05/30/2025
1-Chlorobutane		5.0		**53.6**	50.00	0	107.3	54.87	2.25	05/30/2025
2,2-Dichloropropane		2.0		**54.4**	50.00	0	108.9	54.87	0.79	05/30/2025
2-Butanone		10.0		**154**	125.0	0	123.2	162.2	5.17	05/30/2025
2-Chloroethyl vinyl ether		5.0		**55.7**	50.00	0	111.5	57.26	2.69	05/30/2025
2-Chlorotoluene		2.0		**54.1**	50.00	0	108.2	54.86	1.38	05/30/2025
2-Hexanone		10.0		**152**	125.0	0	121.3	160.9	5.94	05/30/2025
2-Methyl-2-propanol		10.0		**282**	250.0	0	112.7	289.0	2.57	05/30/2025
2-Nitropropane		10.0		**654**	500.0	0	130.9	690.2	5.35	05/30/2025
4-Chlorotoluene		2.0		**55.7**	50.00	0	111.5	56.57	1.48	05/30/2025
4-Methyl-2-pentanone		10.0		**146**	125.0	0	117.0	153.1	4.55	05/30/2025
Acetone		10.0	S	**170**	125.0	0	136.2	179.2	5.08	05/30/2025
Acetonitrile		10.0		**589**	500.0	0	117.9	626.1	6.06	05/30/2025
Acrolein		20.0		**493**	500.0	0	98.6	513.4	4.04	05/30/2025

Client: Environmental Operations, Inc. **Work Order:** 25052633

Client Project: Joplin MO Drums **Report Date:** 09-Jun-25

SW-846 5030B, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 239938 **SampType:** LCSD Units µg/L RPD Limit 20

SampID: LCSD-AM250530A-2

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Acrylonitrile		5.0		**54.5**	50.00	0	109.0	56.28	3.20	05/30/2025
Allyl chloride		5.0		**56.2**	50.00	0	112.4	57.24	1.82	05/30/2025
Benzene		0.5		**52.5**	50.00	0	104.9	52.88	0.78	05/30/2025
Bromobenzene		2.0		**51.3**	50.00	0	102.6	50.66	1.24	05/30/2025
Bromochloromethane		2.0		**52.9**	50.00	0	105.8	54.79	3.49	05/30/2025
Bromodichloromethane		2.0		**53.6**	50.00	0	107.2	54.87	2.32	05/30/2025
Bromoform		2.0		**55.0**	50.00	0	110.0	53.60	2.56	05/30/2025
Bromomethane		5.0		**65.1**	50.00	0	130.1	65.11	0.08	05/30/2025
Carbon disulfide		2.0		**55.1**	50.00	0	110.2	55.29	0.38	05/30/2025
Carbon tetrachloride		2.0		**54.1**	50.00	0	108.2	53.18	1.73	05/30/2025
Chlorobenzene		2.0		**52.4**	50.00	0	104.7	52.13	0.42	05/30/2025
Chloroethane		2.0		**55.2**	50.00	0	110.3	55.42	0.45	05/30/2025
Chloroform		2.0		**51.9**	50.00	0	103.8	51.71	0.41	05/30/2025
Chloromethane		5.0		**67.2**	50.00	0	134.3	68.56	2.08	05/30/2025
Chloroprene		5.0		**55.5**	50.00	0	110.9	56.46	1.79	05/30/2025
cis-1,2-Dichloroethene		2.0		**50.1**	50.00	0	100.2	50.32	0.42	05/30/2025
cis-1,3-Dichloropropene		2.0		**57.7**	50.00	0	115.5	58.33	1.03	05/30/2025
cis-1,4-Dichloro-2-butene		2.0		**66.4**	50.00	0	132.7	70.50	6.03	05/30/2025
Cyclohexanone	*	20.0		**489**	500.0	0	97.8	530.0	8.07	05/30/2025
Dibromochloromethane		2.0		**55.0**	50.00	0	110.0	54.98	0.05	05/30/2025
Dibromomethane		2.0		**50.8**	50.00	0	101.6	51.16	0.73	05/30/2025
Dichlorodifluoromethane		2.0		**65.6**	50.00	0	131.1	65.81	0.38	05/30/2025
DIPE		2.0		**57.1**	50.00	0	114.1	59.50	4.19	05/30/2025
ETBE	*	2.0		**57.6**	50.00	0	115.3	58.89	2.13	05/30/2025
Ethyl acetate		10.0		**57.8**	50.00	0	115.6	62.98	8.56	05/30/2025
Ethyl ether		5.0		**53.8**	50.00	0	107.5	55.36	2.93	05/30/2025
Ethyl methacrylate		5.0		**57.2**	50.00	0	114.4	58.90	2.95	05/30/2025
Ethylbenzene		2.0		**53.4**	50.00	0	106.9	53.65	0.39	05/30/2025
Hexachlorobutadiene		5.0		**54.4**	50.00	0	108.9	52.07	4.47	05/30/2025
Hexachloroethane		5.0		**54.6**	50.00	0	109.3	55.55	1.67	05/30/2025
Iodomethane		5.0		**62.4**	50.00	0	124.9	53.93	14.63	05/30/2025
Isopropylbenzene		2.0		**47.5**	50.00	0	95.1	47.55	0.02	05/30/2025
m,p-Xylenes		2.0		**106**	100.0	0	106.5	107.1	0.56	05/30/2025
Methacrylonitrile		5.0		**53.9**	50.00	0	107.9	54.77	1.53	05/30/2025
Methyl Methacrylate		5.0		**59.0**	50.00	0	117.9	61.37	4.01	05/30/2025
Methyl tert-butyl ether		2.0		**56.3**	50.00	0	112.7	57.19	1.50	05/30/2025

Client: Environmental Operations, Inc. **Work Order:** 25052633

Client Project: Joplin MO Drums **Report Date:** 09-Jun-25

SW-846 5030B, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 239938 **SampType:** LCSD Units µg/L RPD Limit 20

SampID: LCSD-AM250530A-2

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Methylacrylate		5.0		**56.1**	50.00	0	112.2	56.88	1.38	05/30/2025
Methylene chloride		2.0		**52.5**	50.00	0	104.9	54.41	3.63	05/30/2025
Naphthalene		5.0		**58.2**	50.00	0	116.3	58.13	0.05	05/30/2025
n-Butyl acetate	*	2.0		**59.1**	50.00	0	118.3	62.41	5.38	05/30/2025
n-Butylbenzene		2.0		**51.1**	50.00	0	102.2	53.08	3.76	05/30/2025
n-Heptane	*	5.0		**46.1**	50.00	0	92.2	47.85	3.70	05/30/2025
n-Hexane	*	5.0		**51.8**	50.00	0	103.6	53.18	2.61	05/30/2025
Nitrobenzene		50.0		**591**	500.0	0	118.3	599.8	1.41	05/30/2025
n-Propylbenzene		2.0		**54.4**	50.00	0	108.8	55.03	1.15	05/30/2025
o-Ethyltoluene	*	5.0		**54.8**	50.00	0	109.7	54.85	0.04	05/30/2025
o-Xylene		2.0		**52.2**	50.00	0	104.4	52.26	0.13	05/30/2025
Pentachloroethane		5.0	S	**39.1**	50.00	0	78.2	33.11	16.64	05/30/2025
p-Isopropyltoluene		2.0		**55.2**	50.00	0	110.5	54.67	1.04	05/30/2025
Propionitrile		10.0		**573**	500.0	0	114.5	598.7	4.46	05/30/2025
sec-Butylbenzene		2.0		**53.9**	50.00	0	107.7	54.39	0.96	05/30/2025
Styrene		2.0		**53.7**	50.00	0	107.5	53.47	0.49	05/30/2025
TAEE	*	2.0		**57.1**	50.00	0	114.3	57.51	0.65	05/30/2025
TAME	*	2.0		**54.4**	50.00	0	108.7	54.43	0.13	05/30/2025
tert-Butylbenzene		2.0		**53.8**	50.00	0	107.6	54.75	1.73	05/30/2025
Tetrachloroethene		0.5	S	**65.1**	50.00	0	130.3	67.01	2.85	05/30/2025
Tetrahydrofuran		5.0	S	**62.9**	50.00	0	125.9	65.02	3.25	05/30/2025
Toluene		2.0		**52.5**	50.00	0	105.0	52.72	0.46	05/30/2025
trans-1,2-Dichloroethene		2.0		**53.3**	50.00	0	106.7	54.39	1.95	05/30/2025
trans-1,3-Dichloropropene		2.0		**56.7**	50.00	0	113.5	58.08	2.35	05/30/2025
trans-1,4-Dichloro-2-butene		2.0	S	**71.1**	50.00	0	142.2	75.73	6.29	05/30/2025
Trichloroethene		2.0		**50.4**	50.00	0	100.9	49.59	1.68	05/30/2025
Trichlorofluoromethane		5.0		**55.0**	50.00	0	110.1	54.21	1.54	05/30/2025
Vinyl acetate		5.0		**53.5**	50.00	0	106.9	51.92	2.92	05/30/2025
Vinyl chloride		2.0		**58.4**	50.00	0	116.8	57.69	1.19	05/30/2025
Xylenes, Total		4.0		**159**	150.0	0	105.8	159.3	0.42	05/30/2025
Surr: 1,2-Dichloroethane-d4	*			**52.6**	50.00		105.1			05/30/2025
Surr: 4-Bromofluorobenzene	*			**52.2**	50.00		104.4			05/30/2025
Surr: Dibromofluoromethane	*			**50.6**	50.00		101.1			05/30/2025
Surr: Toluene-d8	*			**50.4**	50.00		100.7			05/30/2025

Client: Environmental Operations, Inc. **Work Order:** 25052633

Client Project: Joplin MO Drums **Report Date:** 09-Jun-25

SW-846 5030B, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 239938 **SampType:** MS Units mg/L

SampID: 25052384-009AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
1,1-Dichloroethene		20.0		**446**	500.0	0	89.2	58.4	102	05/31/2025
1,2-Dichloroethane		20.0		**540**	500.0	0	108.1	73.2	128	05/31/2025
1,4-Dichlorobenzene		20.0		**545**	500.0	0	109.0	80.4	124	05/31/2025
2-Butanone		100		**1150**	1000	0	115.3	65.5	144	05/31/2025
Benzene		5.00		**522**	500.0	0	104.4	74.1	118	05/31/2025
Carbon tetrachloride		20.0		**492**	500.0	0	98.4	73.2	131	05/31/2025
Chlorobenzene		20.0		**511**	500.0	0	102.2	77.5	113	05/31/2025
Chloroform		20.0		**507**	500.0	0	101.4	78.9	122	05/31/2025
Tetrachloroethene		5.00		**481**	500.0	0	96.2	73.3	115	05/31/2025
Trichloroethene		20.0		**464**	500.0	0	92.8	75.6	114	05/31/2025
Vinyl chloride		20.0		**523**	500.0	0	104.5	41.7	136	05/31/2025
Surr: 1,2-Dichloroethane-d4	*			**539**	500.0		107.8	80	120	05/31/2025
Surr: 4-Bromofluorobenzene	*			**514**	500.0		102.8	80	120	05/31/2025
Surr: Dibromofluoromethane	*			**500**	500.0		99.9	80	120	05/31/2025
Surr: Toluene-d8	*			**505**	500.0		100.9	80	120	05/31/2025

Batch 239938 **SampType:** MS Units mg/L

SampID: 25052384-010AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
1,1-Dichloroethene		20.0		**462**	500.0	0	92.4	58.4	102	05/31/2025
1,2-Dichloroethane		20.0		**515**	500.0	0	103.1	73.2	128	05/31/2025
1,4-Dichlorobenzene		20.0		**526**	500.0	0	105.2	80.4	124	05/31/2025
2-Butanone		100		**1090**	1000	0	109.2	65.5	144	05/31/2025
Benzene		5.00		**496**	500.0	0	99.1	74.1	118	05/31/2025
Carbon tetrachloride		20.0		**496**	500.0	0	99.2	73.2	131	05/31/2025
Chlorobenzene		20.0		**490**	500.0	0	98.1	77.5	113	05/31/2025
Chloroform		20.0		**489**	500.0	0	97.8	78.9	122	05/31/2025
Tetrachloroethene		5.00		**472**	500.0	0	94.4	73.3	115	05/31/2025
Trichloroethene		20.0		**451**	500.0	0	90.2	75.6	114	05/31/2025
Vinyl chloride		20.0		**533**	500.0	0	106.7	41.7	136	05/31/2025
Surr: 1,2-Dichloroethane-d4	*			**539**	500.0		107.7	80	120	05/31/2025
Surr: 4-Bromofluorobenzene	*			**518**	500.0		103.6	80	120	05/31/2025
Surr: Dibromofluoromethane	*			**509**	500.0		101.9	80	120	05/31/2025
Surr: Toluene-d8	*			**513**	500.0		102.5	80	120	05/31/2025

Client: Environmental Operations, Inc. **Work Order:** 25052633

Client Project: Joplin MO Drums **Report Date:** 09-Jun-25

SW-846 5030B, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 239938 **SampType:** MSD Units **mg/L** RPD Limit **20**

SampID: 25052384-010AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
1,1-Dichloroethene		20.0		**450**	500.0	0	89.9	461.9	2.70	05/31/2025
1,2-Dichloroethane		20.0		**507**	500.0	0	101.4	515.4	1.60	05/31/2025
1,4-Dichlorobenzene		20.0		**529**	500.0	0	105.7	526.2	0.46	05/31/2025
2-Butanone		100		**1060**	1000	0	106.4	1092	2.50	05/31/2025
Benzene		5.00		**512**	500.0	0	102.4	495.6	3.26	05/31/2025
Carbon tetrachloride		20.0		**509**	500.0	0	101.8	496.0	2.63	05/31/2025
Chlorobenzene		20.0		**498**	500.0	0	99.7	490.3	1.66	05/31/2025
Chloroform		20.0		**493**	500.0	0	98.6	489.1	0.75	05/31/2025
Tetrachloroethene		5.00		**496**	500.0	0	99.2	471.9	4.96	05/31/2025
Trichloroethene		20.0		**464**	500.0	0	92.9	451.1	2.88	05/31/2025
Vinyl chloride		20.0		**533**	500.0	0	106.6	533.3	0.09	05/31/2025
Surr: 1,2-Dichloroethane-d4	*			**520**	500.0		104.1			05/31/2025
Surr: 4-Bromofluorobenzene	*			**504**	500.0		100.7			05/31/2025
Surr: Dibromofluoromethane	*			**498**	500.0		99.6			05/31/2025
Surr: Toluene-d8	*			**494**	500.0		98.8			05/31/2025

Client: Environmental Operations, Inc. **Work Order:** 25052633

Client Project: Joplin MO Drums **Report Date:** 09-Jun-25

SW-846 5030B, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 239938 **SampType:** MS Units µg/L

SampID: 25052602-014DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
1,1-Dichloroethene		20.0		**408**	500.0	0	81.5	58.4	102	05/31/2025
1,2-Dichloroethane		20.0		**476**	500.0	1.300	95.0	73.2	128	05/31/2025
1,4-Dichlorobenzene		20.0		**488**	500.0	0	97.6	80.4	124	05/31/2025
2-Butanone		100		**4090**	1000	2655	143.4	65.5	144	05/31/2025
Benzene		5.0		**464**	500.0	13.50	90.1	74.1	118	05/31/2025
Carbon tetrachloride		20.0		**441**	500.0	0	88.2	73.2	131	05/31/2025
Chlorobenzene		20.0		**451**	500.0	0	90.2	77.5	113	05/31/2025
Chloroform		20.0		**451**	500.0	0	90.1	78.9	122	05/31/2025
Ethylbenzene		20.0		**503**	500.0	20.00	96.7	74.8	119	05/31/2025
m,p-Xylenes		20.0		**541**	500.0	66.90	94.8	77.8	128	05/31/2025
o-Xylene		20.0		**509**	500.0	20.90	97.7	75.8	118	05/31/2025
Tetrachloroethene		5.0		**435**	500.0	0	87.0	73.3	115	05/31/2025
Toluene		20.0		**531**	500.0	78.00	90.7	74.4	115	05/31/2025
Trichloroethene		20.0		**424**	500.0	0	84.9	75.6	114	05/31/2025
Vinyl chloride		20.0		**487**	500.0	0	97.4	41.7	136	05/31/2025
Xylenes, Total		40.0		**1050**	1000	87.80	96.3	76.8	123	05/31/2025
Surr: 1,2-Dichloroethane-d4	*			**531**	500.0		106.2	80	120	05/31/2025
Surr: 4-Bromofluorobenzene	*			**538**	500.0		107.7	80	120	05/31/2025
Surr: Dibromofluoromethane	*			**481**	500.0		96.2	80	120	05/31/2025
Surr: Toluene-d8	*			**515**	500.0		103.0	80	120	05/31/2025

Client: Environmental Operations, Inc. **Work Order:** 25052633

Client Project: Joplin MO Drums **Report Date:** 09-Jun-25

SW-846 5030B, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 239938 **SampType:** MSD Units µg/L RPD Limit 20

SampID: 25052602-014DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
1,1-Dichloroethene		20.0		**413**	500.0	0	82.7	407.6	1.39	05/31/2025
1,2-Dichloroethane		20.0		**482**	500.0	1.300	96.2	476.5	1.23	05/31/2025
1,4-Dichlorobenzene		20.0		**489**	500.0	0	97.9	487.9	0.31	05/31/2025
2-Butanone		100		**4060**	1000	2655	140.6	4089	0.71	05/31/2025
Benzene		5.0		**480**	500.0	13.50	93.4	463.9	3.52	05/31/2025
Carbon tetrachloride		20.0		**466**	500.0	0	93.2	441.1	5.51	05/31/2025
Chlorobenzene		20.0		**458**	500.0	0	91.7	451.2	1.58	05/31/2025
Chloroform		20.0		**444**	500.0	0	88.7	450.7	1.57	05/31/2025
Ethylbenzene		20.0		**512**	500.0	20.00	98.4	503.3	1.75	05/31/2025
m,p-Xylenes		20.0		**550**	500.0	66.90	96.6	541.1	1.61	05/31/2025
o-Xylene		20.0		**510**	500.0	20.90	97.8	509.4	0.10	05/31/2025
Tetrachloroethene		5.0		**449**	500.0	0	89.8	434.8	3.17	05/31/2025
Toluene		20.0		**538**	500.0	78.00	92.0	531.3	1.23	05/31/2025
Trichloroethene		20.0		**430**	500.0	0	86.1	424.3	1.40	05/31/2025
Vinyl chloride		20.0		**498**	500.0	0	99.6	487.2	2.23	05/31/2025
Xylenes, Total		40.0		**1060**	1000	87.80	97.2	1050	0.88	05/31/2025
Surr: 1,2-Dichloroethane-d4	*			**534**	500.0		106.8			05/31/2025
Surr: 4-Bromofluorobenzene	*			**500**	500.0		99.9			05/31/2025
Surr: Dibromofluoromethane	*			**488**	500.0		97.5			05/31/2025
Surr: Toluene-d8	*			**512**	500.0		102.4			05/31/2025

Client: Environmental Operations, Inc. **Work Order:** 25052633

Client Project: Joplin MO Drums **Report Date:** 09-Jun-25

SW-846 5030B, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 240214 **SampType:** MBLK Units µg/L

SampID: MBLK-AE250606A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
1,1,1,2-Tetrachloroethane		2.0		ND						06/06/2025
1,1,1-Trichloroethane		2.0		ND						06/06/2025
1,1,2,2-Tetrachloroethane		2.0		ND						06/06/2025
1,1,2-Trichloro-1,2,2-trifluoroethane		5.0		ND						06/06/2025
1,1,2-Trichloroethane		0.5		ND						06/06/2025
1,1-Dichloro-2-propanone	*	30.0		ND						06/06/2025
1,1-Dichloroethane		2.0		ND						06/06/2025
1,1-Dichloroethene		2.0		ND						06/06/2025
1,1-Dichloropropene		2.0		ND						06/06/2025
1,2,3-Trichlorobenzene		2.0		ND						06/06/2025
1,2,3-Trichloropropane		2.0		ND						06/06/2025
1,2,3-Trimethylbenzene	*	2.0		ND						06/06/2025
1,2,4-Trichlorobenzene		2.0		ND						06/06/2025
1,2,4-Trimethylbenzene		2.0		ND						06/06/2025
1,2-Dibromo-3-chloropropane		5.0		ND						06/06/2025
1,2-Dibromoethane		2.0		ND						06/06/2025
1,2-Dichlorobenzene		2.0		ND						06/06/2025
1,2-Dichloroethane		2.0		ND						06/06/2025
1,2-Dichloropropane		2.0		ND						06/06/2025
1,3,5-Trimethylbenzene		2.0		ND						06/06/2025
1,3-Dichlorobenzene		2.0		ND						06/06/2025
1,3-Dichloropropane		2.0		ND						06/06/2025
1,4-Dichlorobenzene		2.0		ND						06/06/2025
1-Chlorobutane		5.0		ND						06/06/2025
2,2-Dichloropropane		2.0		ND						06/06/2025
2-Butanone		10.0		ND						06/06/2025
2-Chloroethyl vinyl ether		5.0		ND						06/06/2025
2-Chlorotoluene		2.0		ND						06/06/2025
2-Hexanone		10.0		ND						06/06/2025
2-Methyl-2-propanol		10.0		ND						06/06/2025
2-Nitropropane		10.0		ND						06/06/2025
4-Chlorotoluene		2.0		ND						06/06/2025
4-Methyl-2-pentanone		10.0		ND						06/06/2025
Acetone		10.0		ND						06/06/2025
Acetonitrile		10.0		ND						06/06/2025
Acrolein		20.0		ND						06/06/2025

Client: Environmental Operations, Inc. **Work Order:** 25052633

Client Project: Joplin MO Drums **Report Date:** 09-Jun-25

SW-846 5030B, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 240214 **SampType:** MBLK Units µg/L

SampID: MBLK-AE250606A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acrylonitrile		5.0		ND						06/06/2025
Allyl chloride		5.0		ND						06/06/2025
Benzene		0.5		ND						06/06/2025
Bromobenzene		2.0		ND						06/06/2025
Bromochloromethane		2.0		ND						06/06/2025
Bromodichloromethane		2.0		ND						06/06/2025
Bromoform		2.0		ND						06/06/2025
Bromomethane		5.0		ND						06/06/2025
Carbon disulfide		2.0		ND						06/06/2025
Carbon tetrachloride		2.0		ND						06/06/2025
Chlorobenzene		2.0		ND						06/06/2025
Chloroethane		2.0		ND						06/06/2025
Chloroform		2.0		ND						06/06/2025
Chloromethane		5.0		ND						06/06/2025
Chloroprene		5.0		ND						06/06/2025
cis-1,2-Dichloroethene		2.0		ND						06/06/2025
cis-1,3-Dichloropropene		2.0		ND						06/06/2025
cis-1,4-Dichloro-2-butene		2.0		ND						06/06/2025
Cyclohexanone	*	20.0		ND						06/06/2025
Dibromochloromethane		2.0		ND						06/06/2025
Dibromomethane		2.0		ND						06/06/2025
Dichlorodifluoromethane		2.0		ND						06/06/2025
DIPE		2.0		ND						06/06/2025
ETBE	*	2.0		ND						06/06/2025
Ethyl acetate		10.0		ND						06/06/2025
Ethyl ether		5.0		ND						06/06/2025
Ethyl methacrylate		5.0		ND						06/06/2025
Ethylbenzene		2.0		ND						06/06/2025
Hexachlorobutadiene		5.0		ND						06/06/2025
Hexachloroethane		5.0		ND						06/06/2025
Iodomethane		5.0		ND						06/06/2025
Isopropylbenzene		2.0		ND						06/06/2025
m,p-Xylenes		2.0		ND						06/06/2025
Methacrylonitrile		5.0		ND						06/06/2025
Methyl Methacrylate		5.0		ND						06/06/2025
Methyl tert-butyl ether		2.0		ND						06/06/2025

Client: Environmental Operations, Inc. **Work Order:** 25052633

Client Project: Joplin MO Drums **Report Date:** 09-Jun-25

SW-846 5030B, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 240214 **SampType:** MBLK Units µg/L

SampID: MBLK-AE250606A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Methylacrylate		5.0		ND						06/06/2025
Methylene chloride		2.0		ND						06/06/2025
Naphthalene		5.0		ND						06/06/2025
n-Butyl acetate	*	2.0		ND						06/06/2025
n-Butylbenzene		2.0		ND						06/06/2025
n-Heptane	*	5.0		ND						06/06/2025
n-Hexane	*	5.0		ND						06/06/2025
Nitrobenzene		50.0		ND						06/06/2025
n-Propylbenzene		2.0		ND						06/06/2025
o-Ethyltoluene	*	5.0		ND						06/06/2025
o-Xylene		2.0		ND						06/06/2025
Pentachloroethane		5.0		ND						06/06/2025
p-Isopropyltoluene		2.0		ND						06/06/2025
Propionitrile		10.0		ND						06/06/2025
sec-Butylbenzene		2.0		ND						06/06/2025
Styrene		2.0		ND						06/06/2025
TAEE	*	2.0		ND						06/06/2025
TAME	*	2.0		ND						06/06/2025
tert-Butylbenzene		2.0		ND						06/06/2025
Tetrachloroethene		0.5		ND						06/06/2025
Tetrahydrofuran		5.0		ND						06/06/2025
Toluene		2.0		ND						06/06/2025
trans-1,2-Dichloroethene		2.0		ND						06/06/2025
trans-1,3-Dichloropropene		2.0		ND						06/06/2025
trans-1,4-Dichloro-2-butene		2.0		ND						06/06/2025
Trichloroethene		2.0		ND						06/06/2025
Trichlorofluoromethane		5.0		ND						06/06/2025
Vinyl acetate		5.0		ND						06/06/2025
Vinyl chloride		2.0		ND						06/06/2025
Xylenes, Total		4.0		ND						06/06/2025
Gasoline Range Organics (OA-1)		500		ND						06/06/2025
Surr: 1,2-Dichloroethane-d4	*			45.7	50.00		91.3	80	120	06/06/2025
Surr: 4-Bromofluorobenzene	*			48.2	50.00		96.4	80	120	06/06/2025
Surr: Dibromofluoromethane	*			49.7	50.00		99.5	80	120	06/06/2025
Surr: Toluene-d8	*			48.2	50.00		96.4	80	120	06/06/2025

Client: Environmental Operations, Inc. **Work Order:** 25052633

Client Project: Joplin MO Drums **Report Date:** 09-Jun-25

SW-846 5030B, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 240214 **SampType:** LCS Units µg/L

SampID: LCS-AE250606A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
1,1,1,2-Tetrachloroethane		2.0		**48.9**	50.00	0	97.8	83.5	117	06/06/2025
1,1,1-Trichloroethane		2.0		**52.5**	50.00	0	104.9	80	122	06/06/2025
1,1,2,2-Tetrachloroethane		2.0		**46.5**	50.00	0	92.9	81.1	119	06/06/2025
1,1,2-Trichloro-1,2,2-trifluoroethane		5.0		**52.8**	50.00	0	105.7	75.7	120	06/06/2025
1,1,2-Trichloroethane		0.5		**48.4**	50.00	0	96.8	85	115	06/06/2025
1,1-Dichloro-2-propanone	*	30.0		**116**	125.0	0	93.1	64.8	132	06/06/2025
1,1-Dichloroethane		2.0		**55.5**	50.00	0	111.1	84.6	116	06/06/2025
1,1-Dichloroethene		2.0		**54.8**	50.00	0	109.6	79.9	119	06/06/2025
1,1-Dichloropropene		2.0		**54.0**	50.00	0	108.1	83.9	117	06/06/2025
1,2,3-Trichlorobenzene		2.0		**48.3**	50.00	0	96.6	76.3	132	06/06/2025
1,2,3-Trichloropropane		2.0		**41.8**	50.00	0	83.6	76.6	110	06/06/2025
1,2,3-Trimethylbenzene	*	2.0		**50.9**	50.00	0	101.8	81.2	123	06/06/2025
1,2,4-Trichlorobenzene		2.0		**50.6**	50.00	0	101.3	79.5	127	06/06/2025
1,2,4-Trimethylbenzene		2.0		**49.3**	50.00	0	98.6	77.8	120	06/06/2025
1,2-Dibromo-3-chloropropane		5.0		**42.3**	50.00	0	84.7	70	124	06/06/2025
1,2-Dibromoethane		2.0		**48.2**	50.00	0	96.5	85.5	116	06/06/2025
1,2-Dichlorobenzene		2.0		**47.7**	50.00	0	95.3	86	116	06/06/2025
1,2-Dichloroethane		2.0		**48.1**	50.00	0	96.3	73.8	119	06/06/2025
1,2-Dichloropropane		2.0		**56.9**	50.00	0	113.8	85.4	116	06/06/2025
1,3,5-Trimethylbenzene		2.0		**49.5**	50.00	0	99.0	80.7	120	06/06/2025
1,3-Dichlorobenzene		2.0		**48.7**	50.00	0	97.4	87.4	118	06/06/2025
1,3-Dichloropropane		2.0		**48.3**	50.00	0	96.5	82.3	115	06/06/2025
1,4-Dichlorobenzene		2.0		**48.2**	50.00	0	96.4	85.7	116	06/06/2025
1-Chlorobutane		5.0		**54.3**	50.00	0	108.6	81.3	117	06/06/2025
2,2-Dichloropropane		2.0		**53.0**	50.00	0	106.0	63.2	131	06/06/2025
2-Butanone		10.0		**131**	125.0	0	104.6	72.4	131	06/06/2025
2-Chloroethyl vinyl ether		5.0		**54.2**	50.00	0	108.3	53.6	141	06/06/2025
2-Chlorotoluene		2.0		**47.2**	50.00	0	94.5	81	117	06/06/2025
2-Hexanone		10.0		**110**	125.0	0	88.2	67.9	128	06/06/2025
2-Methyl-2-propanol		10.0		**233**	250.0	0	93.2	66.6	120	06/06/2025
2-Nitropropane		10.0		**537**	500.0	0	107.4	69	142	06/06/2025
4-Chlorotoluene		2.0		**47.5**	50.00	0	95.0	80.7	121	06/06/2025
4-Methyl-2-pentanone		10.0		**120**	125.0	0	95.9	74.7	128	06/06/2025
Acetone		10.0		**107**	125.0	0	85.2	67	127	06/06/2025
Acetonitrile		10.0		**576**	500.0	0	115.2	76.3	145	06/06/2025
Acrolein		20.0		**528**	500.0	0	105.6	10.8	188	06/06/2025

Client: Environmental Operations, Inc.

Client Project: Joplin MO Drums

Work Order: 25052633

Report Date: 09-Jun-25

SW-846 5030B, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 240214 **SampType:** LCS Units µg/L

SampID: LCS-AE250606A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acrylonitrile		5.0		**56.1**	50.00	0	112.2	81.2	124	06/06/2025
Allyl chloride		5.0		**59.4**	50.00	0	118.7	77.5	124	06/06/2025
Benzene		0.5		**55.4**	50.00	0	110.8	86.3	117	06/06/2025
Bromobenzene		2.0		**47.6**	50.00	0	95.2	84	114	06/06/2025
Bromochloromethane		2.0		**50.5**	50.00	0	101.1	72.4	117	06/06/2025
Bromodichloromethane		2.0		**52.8**	50.00	0	105.6	83.4	117	06/06/2025
Bromoform		2.0		**48.8**	50.00	0	97.6	81.9	121	06/06/2025
Bromomethane		5.0		**47.4**	50.00	0	94.8	41.9	163	06/06/2025
Carbon disulfide		2.0	S	**66.3**	50.00	0	132.5	73.1	131	06/06/2025
Carbon tetrachloride		2.0		**53.3**	50.00	0	106.5	78.9	124	06/06/2025
Chlorobenzene		2.0		**49.5**	50.00	0	99.1	85.9	116	06/06/2025
Chloroethane		2.0		**58.8**	50.00	0	117.7	77.6	127	06/06/2025
Chloroform		2.0		**51.4**	50.00	0	102.8	84	116	06/06/2025
Chloromethane		5.0		**50.5**	50.00	0	101.0	53.7	135	06/06/2025
Chloroprene		5.0		**52.5**	50.00	0	104.9	79.8	119	06/06/2025
cis-1,2-Dichloroethene		2.0		**56.1**	50.00	0	112.3	85.7	117	06/06/2025
cis-1,3-Dichloropropene		2.0		**56.9**	50.00	0	113.7	85.4	122	06/06/2025
cis-1,4-Dichloro-2-butene		2.0		**40.7**	50.00	0	81.4	60.9	135	06/06/2025
Cyclohexanone	*	20.0		**405**	500.0	0	81.1	63.8	128	06/06/2025
Dibromochloromethane		2.0		**49.2**	50.00	0	98.4	84.7	119	06/06/2025
Dibromomethane		2.0		**50.1**	50.00	0	100.2	81.6	110	06/06/2025
Dichlorodifluoromethane		2.0		**46.9**	50.00	0	93.9	33.9	142	06/06/2025
DIPE		2.0		**56.1**	50.00	0	112.2	77.3	127	06/06/2025
ETBE	*	2.0		**55.7**	50.00	0	111.5	82.3	122	06/06/2025
Ethyl acetate		10.0		**49.9**	50.00	0	99.9	73.5	120	06/06/2025
Ethyl ether		5.0		**56.7**	50.00	0	113.3	84.3	116	06/06/2025
Ethyl methacrylate		5.0		**48.9**	50.00	0	97.8	79.5	121	06/06/2025
Ethylbenzene		2.0		**48.6**	50.00	0	97.3	84.1	115	06/06/2025
Hexachlorobutadiene		5.0		**56.0**	50.00	0	112.1	71.4	141	06/06/2025
Hexachloroethane		5.0		**45.4**	50.00	0	90.9	65.7	126	06/06/2025
Iodomethane		5.0		**24.8**	50.00	0	49.6	13.4	153	06/06/2025
Isopropylbenzene		2.0		**44.7**	50.00	0	89.3	75.2	108	06/06/2025
m,p-Xylenes		2.0		**98.0**	100.0	0	98.0	83.7	116	06/06/2025
Methacrylonitrile		5.0		**52.0**	50.00	0	104.1	83.4	118	06/06/2025
Methyl Methacrylate		5.0		**53.0**	50.00	0	106.0	75	126	06/06/2025
Methyl tert-butyl ether		2.0		**54.0**	50.00	0	108.0	84.4	121	06/06/2025

Client: Environmental Operations, Inc. **Work Order:** 25052633

Client Project: Joplin MO Drums **Report Date:** 09-Jun-25

SW-846 5030B, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 240214 **SampType:** LCS Units µg/L

SampID: LCS-AE250606A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Methylacrylate		5.0		**52.2**	50.00	0	104.4	83.9	120	06/06/2025
Methylene chloride		2.0		**52.2**	50.00	0	104.5	78	118	06/06/2025
Naphthalene		5.0		**45.6**	50.00	0	91.2	69.3	128	06/06/2025
n-Butyl acetate	*	2.0		**47.7**	50.00	0	95.3	69.5	127	06/06/2025
n-Butylbenzene		2.0		**48.5**	50.00	0	97.1	71.8	123	06/06/2025
n-Heptane	*	5.0		**58.0**	50.00	0	115.9	49	130	06/06/2025
n-Hexane	*	5.0		**56.7**	50.00	0	113.3	63.9	123	06/06/2025
Nitrobenzene		50.0		**415**	500.0	0	83.0	62.2	128	06/06/2025
n-Propylbenzene		2.0		**48.3**	50.00	0	96.6	80.3	121	06/06/2025
o-Ethyltoluene	*	5.0		**48.5**	50.00	0	97.0	81.3	121	06/06/2025
o-Xylene		2.0		**47.9**	50.00	0	95.8	83.1	114	06/06/2025
Pentachloroethane		5.0		**53.8**	50.00	0	107.7	79.7	128	06/06/2025
p-Isopropyltoluene		2.0		**50.0**	50.00	0	100.0	78.4	123	06/06/2025
Propionitrile		10.0		**536**	500.0	0	107.3	81.3	123	06/06/2025
sec-Butylbenzene		2.0		**49.6**	50.00	0	99.2	78.9	123	06/06/2025
Styrene		2.0		**49.8**	50.00	0	99.5	84.9	118	06/06/2025
TAEE	*	2.0		**56.4**	50.00	0	112.7	78.2	122	06/06/2025
TAME	*	2.0		**53.4**	50.00	0	106.7	81.4	119	06/06/2025
tert-Butylbenzene		2.0		**46.7**	50.00	0	93.4	75.2	121	06/06/2025
Tetrachloroethene		0.5		**49.4**	50.00	0	98.7	84.1	123	06/06/2025
Tetrahydrofuran		5.0		**50.1**	50.00	0	100.1	63.9	124	06/06/2025
Toluene		2.0		**48.6**	50.00	0	97.2	84.4	115	06/06/2025
trans-1,2-Dichloroethene		2.0		**55.3**	50.00	0	110.5	82.2	117	06/06/2025
trans-1,3-Dichloropropene		2.0		**48.8**	50.00	0	97.6	79.8	123	06/06/2025
trans-1,4-Dichloro-2-butene		2.0		**39.6**	50.00	0	79.2	58.8	134	06/06/2025
Trichloroethene		2.0		**55.2**	50.00	0	110.5	86.2	117	06/06/2025
Trichlorofluoromethane		5.0		**52.5**	50.00	0	105.0	76.1	127	06/06/2025
Vinyl acetate		5.0		**64.8**	50.00	0	129.5	82.9	135	06/06/2025
Vinyl chloride		2.0		**49.6**	50.00	0	99.3	65.1	128	06/06/2025
Xylenes, Total		4.0		**146**	150.0	0	97.2	83.7	115	06/06/2025
Surr: 1,2-Dichloroethane-d4	*			**44.6**	50.00		89.2	80	120	06/06/2025
Surr: 4-Bromofluorobenzene	*			**49.1**	50.00		98.2	80	120	06/06/2025
Surr: Dibromofluoromethane	*			**50.2**	50.00		100.5	80	120	06/06/2025
Surr: Toluene-d8	*			**46.6**	50.00		93.3	80	120	06/06/2025

Client: Environmental Operations, Inc. **Work Order:** 25052633

Client Project: Joplin MO Drums **Report Date:** 09-Jun-25

SW-846 5030B, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 240214 **SampType:** LCSD Units µg/L RPD Limit 20

SampID: LCSD-AE250606A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
1,1,1,2-Tetrachloroethane		2.0		**50.4**	50.00	0	100.7	48.88	2.98	06/06/2025
1,1,1-Trichloroethane		2.0		**53.7**	50.00	0	107.4	52.47	2.34	06/06/2025
1,1,2,2-Tetrachloroethane		2.0		**48.0**	50.00	0	96.0	46.47	3.24	06/06/2025
1,1,2-Trichloro-1,2,2-trifluoroethane		5.0		**53.8**	50.00	0	107.7	52.83	1.88	06/06/2025
1,1,2-Trichloroethane		0.5		**49.5**	50.00	0	99.1	48.42	2.27	06/06/2025
1,1-Dichloro-2-propanone	*	30.0		**122**	125.0	0	97.9	116.4	5.07	06/06/2025
1,1-Dichloroethane		2.0		**56.9**	50.00	0	113.9	55.54	2.49	06/06/2025
1,1-Dichloroethene		2.0		**56.0**	50.00	0	112.1	54.81	2.22	06/06/2025
1,1-Dichloropropene		2.0		**55.4**	50.00	0	110.9	54.03	2.58	06/06/2025
1,2,3-Trichlorobenzene		2.0		**50.5**	50.00	0	101.1	48.30	4.51	06/06/2025
1,2,3-Trichloropropane		2.0		**43.0**	50.00	0	86.0	41.79	2.85	06/06/2025
1,2,3-Trimethylbenzene	*	2.0		**52.6**	50.00	0	105.2	50.91	3.25	06/06/2025
1,2,4-Trichlorobenzene		2.0		**52.6**	50.00	0	105.3	50.64	3.87	06/06/2025
1,2,4-Trimethylbenzene		2.0		**51.0**	50.00	0	102.0	49.30	3.35	06/06/2025
1,2-Dibromo-3-chloropropane		5.0		**44.1**	50.00	0	88.1	42.33	4.03	06/06/2025
1,2-Dibromoethane		2.0		**49.4**	50.00	0	98.7	48.24	2.32	06/06/2025
1,2-Dichlorobenzene		2.0		**49.1**	50.00	0	98.3	47.66	3.06	06/06/2025
1,2-Dichloroethane		2.0		**49.0**	50.00	0	97.9	48.13	1.73	06/06/2025
1,2-Dichloropropane		2.0		**57.9**	50.00	0	115.7	56.88	1.71	06/06/2025
1,3,5-Trimethylbenzene		2.0		**50.8**	50.00	0	101.7	49.49	2.69	06/06/2025
1,3-Dichlorobenzene		2.0		**50.3**	50.00	0	100.6	48.68	3.29	06/06/2025
1,3-Dichloropropane		2.0		**49.3**	50.00	0	98.6	48.27	2.07	06/06/2025
1,4-Dichlorobenzene		2.0		**49.5**	50.00	0	99.1	48.19	2.74	06/06/2025
1-Chlorobutane		5.0		**55.5**	50.00	0	111.0	54.29	2.24	06/06/2025
2,2-Dichloropropane		2.0		**54.2**	50.00	0	108.4	53.01	2.24	06/06/2025
2-Butanone		10.0		**135**	125.0	0	107.9	130.7	3.08	06/06/2025
2-Chloroethyl vinyl ether		5.0		**54.7**	50.00	0	109.5	54.15	1.08	06/06/2025
2-Chlorotoluene		2.0		**48.4**	50.00	0	96.8	47.23	2.45	06/06/2025
2-Hexanone		10.0		**113**	125.0	0	90.4	110.3	2.39	06/06/2025
2-Methyl-2-propanol		10.0		**235**	250.0	0	94.2	232.9	1.08	06/06/2025
2-Nitropropane		10.0		**550**	500.0	0	110.1	536.8	2.48	06/06/2025
4-Chlorotoluene		2.0		**49.0**	50.00	0	98.0	47.52	3.05	06/06/2025
4-Methyl-2-pentanone		10.0		**124**	125.0	0	98.8	119.9	3.02	06/06/2025
Acetone		10.0		**108**	125.0	0	86.7	106.5	1.67	06/06/2025
Acetonitrile		10.0		**588**	500.0	0	117.6	576.2	2.01	06/06/2025
Acrolein		20.0		**534**	500.0	0	106.8	528.0	1.18	06/06/2025

Client: Environmental Operations, Inc. **Work Order:** 25052633

Client Project: Joplin MO Drums **Report Date:** 09-Jun-25

SW-846 5030B, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 240214 **SampType:** LCSD Units µg/L RPD Limit 20

SampID: LCSD-AE250606A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Acrylonitrile		5.0		**57.2**	50.00	0	114.4	56.09	1.94	06/06/2025
Allyl chloride		5.0		**60.5**	50.00	0	121.0	59.36	1.87	06/06/2025
Benzene		0.5		**56.4**	50.00	0	112.8	55.40	1.77	06/06/2025
Bromobenzene		2.0		**49.1**	50.00	0	98.3	47.60	3.18	06/06/2025
Bromochloromethane		2.0		**50.9**	50.00	0	101.9	50.53	0.81	06/06/2025
Bromodichloromethane		2.0		**53.7**	50.00	0	107.4	52.78	1.75	06/06/2025
Bromoform		2.0		**49.9**	50.00	0	99.8	48.80	2.25	06/06/2025
Bromomethane		5.0		**53.7**	50.00	0	107.4	47.41	12.40	06/06/2025
Carbon disulfide		2.0	S	**67.0**	50.00	0	133.9	66.26	1.05	06/06/2025
Carbon tetrachloride		2.0		**54.3**	50.00	0	108.5	53.26	1.86	06/06/2025
Chlorobenzene		2.0		**50.5**	50.00	0	100.9	49.54	1.86	06/06/2025
Chloroethane		2.0		**59.2**	50.00	0	118.4	58.84	0.59	06/06/2025
Chloroform		2.0		**52.6**	50.00	0	105.2	51.42	2.23	06/06/2025
Chloromethane		5.0		**52.1**	50.00	0	104.2	50.49	3.16	06/06/2025
Chloroprene		5.0		**53.7**	50.00	0	107.5	52.47	2.37	06/06/2025
cis-1,2-Dichloroethene		2.0		**56.9**	50.00	0	113.9	56.13	1.43	06/06/2025
cis-1,3-Dichloropropene		2.0		**57.9**	50.00	0	115.9	56.86	1.86	06/06/2025
cis-1,4-Dichloro-2-butene		2.0		**41.4**	50.00	0	82.9	40.72	1.73	06/06/2025
Cyclohexanone	*	20.0		**408**	500.0	0	81.5	405.3	0.56	06/06/2025
Dibromochloromethane		2.0		**50.7**	50.00	0	101.4	49.20	2.98	06/06/2025
Dibromomethane		2.0		**50.4**	50.00	0	100.8	50.12	0.60	06/06/2025
Dichlorodifluoromethane		2.0		**47.6**	50.00	0	95.3	46.94	1.50	06/06/2025
DIPE		2.0		**56.8**	50.00	0	113.7	56.11	1.28	06/06/2025
ETBE	*	2.0		**56.6**	50.00	0	113.2	55.73	1.57	06/06/2025
Ethyl acetate		10.0		**52.2**	50.00	0	104.5	49.93	4.50	06/06/2025
Ethyl ether		5.0		**57.8**	50.00	0	115.5	56.67	1.91	06/06/2025
Ethyl methacrylate		5.0		**50.0**	50.00	0	100.1	48.92	2.28	06/06/2025
Ethylbenzene		2.0		**49.8**	50.00	0	99.7	48.65	2.40	06/06/2025
Hexachlorobutadiene		5.0		**56.6**	50.00	0	113.3	56.05	1.03	06/06/2025
Hexachloroethane		5.0		**46.8**	50.00	0	93.7	45.45	3.01	06/06/2025
Iodomethane		5.0		**24.3**	50.00	0	48.6	24.80	2.04	06/06/2025
Isopropylbenzene		2.0		**45.4**	50.00	0	90.8	44.67	1.64	06/06/2025
m,p-Xylenes		2.0		**101**	100.0	0	100.5	97.98	2.57	06/06/2025
Methacrylonitrile		5.0		**53.0**	50.00	0	106.0	52.05	1.81	06/06/2025
Methyl Methacrylate		5.0		**54.5**	50.00	0	109.0	52.98	2.83	06/06/2025
Methyl tert-butyl ether		2.0		**54.8**	50.00	0	109.7	54.01	1.54	06/06/2025

Client: Environmental Operations, Inc. **Work Order:** 25052633

Client Project: Joplin MO Drums **Report Date:** 09-Jun-25

SW-846 5030B, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 240214 **SampType:** LCSD Units µg/L RPD Limit 20

SampID: LCSD-AE250606A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Methylacrylate		5.0		**53.5**	50.00	0	107.0	52.21	2.42	06/06/2025
Methylene chloride		2.0		**52.3**	50.00	0	104.6	52.24	0.10	06/06/2025
Naphthalene		5.0		**48.0**	50.00	0	95.9	45.62	4.98	06/06/2025
n-Butyl acetate	*	2.0		**49.0**	50.00	0	98.1	47.67	2.83	06/06/2025
n-Butylbenzene		2.0		**50.0**	50.00	0	99.9	48.53	2.92	06/06/2025
n-Heptane	*	5.0		**57.4**	50.00	0	114.8	57.95	0.95	06/06/2025
n-Hexane	*	5.0		**57.2**	50.00	0	114.3	56.67	0.88	06/06/2025
Nitrobenzene		50.0		**436**	500.0	0	87.1	415.1	4.84	06/06/2025
n-Propylbenzene		2.0		**49.9**	50.00	0	99.7	48.31	3.18	06/06/2025
o-Ethyltoluene	*	5.0		**50.0**	50.00	0	100.0	48.52	2.96	06/06/2025
o-Xylene		2.0		**48.8**	50.00	0	97.5	47.88	1.80	06/06/2025
Pentachloroethane		5.0		**55.4**	50.00	0	110.7	53.85	2.75	06/06/2025
p-Isopropyltoluene		2.0		**51.2**	50.00	0	102.5	49.99	2.45	06/06/2025
Propionitrile		10.0		**545**	500.0	0	108.9	536.5	1.52	06/06/2025
sec-Butylbenzene		2.0		**50.8**	50.00	0	101.5	49.59	2.35	06/06/2025
Styrene		2.0		**50.7**	50.00	0	101.5	49.75	1.97	06/06/2025
TAEE	*	2.0		**56.8**	50.00	0	113.6	56.35	0.83	06/06/2025
TAME	*	2.0		**53.9**	50.00	0	107.9	53.36	1.08	06/06/2025
tert-Butylbenzene		2.0		**48.1**	50.00	0	96.2	46.70	2.95	06/06/2025
Tetrachloroethene		0.5		**50.8**	50.00	0	101.6	49.36	2.91	06/06/2025
Tetrahydrofuran		5.0		**52.3**	50.00	0	104.7	50.06	4.43	06/06/2025
Toluene		2.0		**49.5**	50.00	0	99.1	48.58	1.94	06/06/2025
trans-1,2-Dichloroethene		2.0		**56.3**	50.00	0	112.7	55.27	1.92	06/06/2025
trans-1,3-Dichloropropene		2.0		**50.4**	50.00	0	100.7	48.78	3.21	06/06/2025
trans-1,4-Dichloro-2-butene		2.0		**40.8**	50.00	0	81.7	39.62	3.01	06/06/2025
Trichloroethene		2.0		**55.9**	50.00	0	111.8	55.23	1.22	06/06/2025
Trichlorofluoromethane		5.0		**52.9**	50.00	0	105.8	52.49	0.78	06/06/2025
Vinyl acetate		5.0		**66.5**	50.00	0	133.0	64.76	2.62	06/06/2025
Vinyl chloride		2.0		**51.0**	50.00	0	102.1	49.65	2.78	06/06/2025
Xylenes, Total		4.0		**149**	150.0	0	99.5	145.9	2.32	06/06/2025
Surr: 1,2-Dichloroethane-d4	*			**44.3**	50.00		88.6			06/06/2025
Surr: 4-Bromofluorobenzene	*			**49.5**	50.00		99.0			06/06/2025
Surr: Dibromofluoromethane	*			**50.2**	50.00		100.3			06/06/2025
Surr: Toluene-d8	*			**46.6**	50.00		93.1			06/06/2025

Client: Environmental Operations, Inc. **Work Order:** 25052633

Client Project: Joplin MO Drums **Report Date:** 09-Jun-25

SW-846 5030B, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 240214 **SampType:** LCS Units µg/L

SampID: QCS-AE250606A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
1,1,1,2-Tetrachloroethane	*	2.0		**48.9**	50.00	0	97.8	60	140	06/06/2025
1,1,1-Trichloroethane		2.0		**52.5**	50.00	0	104.9	70	130	06/06/2025
1,1,2,2-Tetrachloroethane		2.0		**46.5**	50.00	0	92.9	60	140	06/06/2025
1,1,2-Trichloro-1,2,2-trifluoroethane		5.0		**52.8**	50.00	0	105.7	60	140	06/06/2025
1,1,2-Trichloroethane		0.5		**48.4**	50.00	0	96.8	70	130	06/06/2025
1,1-Dichloro-2-propanone		30.0		**116**	125.0	0	93.1	60	140	06/06/2025
1,1-Dichloroethane		2.0		**55.5**	50.00	0	111.1	70	130	06/06/2025
1,1-Dichloroethene		2.0		**54.8**	50.00	0	109.6	50	150	06/06/2025
1,1-Dichloropropene	*	2.0		**54.0**	50.00	0	108.1	60	140	06/06/2025
1,2,3-Trichlorobenzene	*	2.0		**48.3**	50.00	0	96.6	60	140	06/06/2025
1,2,3-Trichloropropane	*	2.0		**41.8**	50.00	0	83.6	60	140	06/06/2025
1,2,3-Trimethylbenzene	*	2.0		**50.9**	50.00	0	101.8	60	140	06/06/2025
1,2,4-Trichlorobenzene	*	2.0		**50.6**	50.00	0	101.3	60	140	06/06/2025
1,2,4-Trimethylbenzene		2.0		**49.3**	50.00	0	98.6	60	140	06/06/2025
1,2-Dibromo-3-chloropropane	*	2.0		**42.3**	50.00	0	84.7	60	140	06/06/2025
1,2-Dibromoethane	*	2.0		**48.2**	50.00	0	96.5	60	140	06/06/2025
1,2-Dichlorobenzene		2.0		**47.7**	50.00	0	95.3	65	135	06/06/2025
1,2-Dichloroethane		2.0		**48.1**	50.00	0	96.3	70	130	06/06/2025
1,2-Dichloropropane		2.0		**56.9**	50.00	0	113.8	35	165	06/06/2025
1,3,5-Trimethylbenzene	*	2.0		**49.5**	50.00	0	99.0	60	140	06/06/2025
1,3-Dichlorobenzene		2.0		**48.7**	50.00	0	97.4	70	130	06/06/2025
1,3-Dichloropropane	*	2.0		**48.3**	50.00	0	96.5	60	140	06/06/2025
1,4-Dichlorobenzene		2.0		**48.2**	50.00	0	96.4	65	135	06/06/2025
1-Chlorobutane	*	5.0		**54.3**	50.00	0	108.6	60	140	06/06/2025
1-Ethyl-2-methylbenzene		5.0		**48.5**	50.00	0	97.0	60	140	06/06/2025
2,2-Dichloropropane	*	2.0		**53.0**	50.00	0	106.0	60	140	06/06/2025
2-Butanone		10.0		**131**	125.0	0	104.6	60	140	06/06/2025
2-Chloroethyl vinyl ether		5.0		**54.2**	50.00	0	108.3	1	225	06/06/2025
2-Chlorotoluene	*	2.0		**47.2**	50.00	0	94.5	60	140	06/06/2025
2-Hexanone	*	10.0		**110**	125.0	0	88.2	60	140	06/06/2025
2-Methyl-2-propanol		10.0		**233**	250.0	0	93.2	60	140	06/06/2025
2-Nitropropane		10.0		**537**	500.0	0	107.4	60	140	06/06/2025
4-Chlorotoluene	*	2.0		**47.5**	50.00	0	95.0	60	140	06/06/2025
4-Methyl-2-pentanone		10.0		**120**	125.0	0	95.9	60	140	06/06/2025
Acetone		10.0		**107**	125.0	0	85.2	60	140	06/06/2025
Acetonitrile		10.0		**576**	500.0	0	115.2	60	140	06/06/2025

Client: Environmental Operations, Inc. **Work Order:** 25052633

Client Project: Joplin MO Drums **Report Date:** 09-Jun-25

SW-846 5030B, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 240214 **SampType:** LCS Units µg/L

SampID: QCS-AE250606A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acrolein		20.0		**528**	500.0	0	105.6	60	140	06/06/2025
Acrylonitrile		5.0		**56.1**	50.00	0	112.2	60	140	06/06/2025
Allyl chloride		5.0		**59.4**	50.00	0	118.7	60	140	06/06/2025
Benzene		0.5		**55.4**	50.00	0	110.8	65	135	06/06/2025
Bromobenzene	*	2.0		**47.6**	50.00	0	95.2	60	140	06/06/2025
Bromochloromethane	*	2.0		**50.5**	50.00	0	101.1	60	140	06/06/2025
Bromodichloromethane		2.0		**52.8**	50.00	0	105.6	65	135	06/06/2025
Bromoform		2.0		**48.8**	50.00	0	97.6	70	130	06/06/2025
Bromomethane		5.0		**47.4**	50.00	0	94.8	15	185	06/06/2025
Carbon disulfide		2.0		**66.3**	50.00	0	132.5	60	140	06/06/2025
Carbon tetrachloride		2.0		**53.3**	50.00	0	106.5	70	130	06/06/2025
Chlorobenzene		2.0		**49.5**	50.00	0	99.1	65	135	06/06/2025
Chloroethane		2.0		**58.8**	50.00	0	117.7	40	160	06/06/2025
Chloroform		2.0		**51.4**	50.00	0	102.8	70	135	06/06/2025
Chloromethane		5.0		**50.5**	50.00	0	101.0	1	205	06/06/2025
Chloroprene		5.0		**52.5**	50.00	0	104.9	60	140	06/06/2025
cis-1,2-Dichloroethene		2.0		**56.1**	50.00	0	112.3	60	140	06/06/2025
cis-1,3-Dichloropropene		2.0		**56.9**	50.00	0	113.7	25	175	06/06/2025
cis-1,4-Dichloro-2-butene		2.0		**40.7**	50.00	0	81.4	60	140	06/06/2025
Cyclohexanone		20.0		**405**	500.0	0	81.1	60	140	06/06/2025
Dibromochloromethane		2.0		**49.2**	50.00	0	98.4	70	135	06/06/2025
Dibromomethane	*	2.0		**50.1**	50.00	0	100.2	60	140	06/06/2025
Dichlorodifluoromethane		2.0		**46.9**	50.00	0	93.9	60	140	06/06/2025
DIPE		2.0		**56.1**	50.00	0	112.2	60	140	06/06/2025
ETBE		2.0		**55.7**	50.00	0	111.5	60	140	06/06/2025
Ethyl acetate		10.0		**49.9**	50.00	0	99.9	60	140	06/06/2025
Ethyl ether	*	5.0		**56.7**	50.00	0	113.3	60	140	06/06/2025
Ethyl methacrylate		5.0		**48.9**	50.00	0	97.8	60	140	06/06/2025
Ethylbenzene		2.0		**48.6**	50.00	0	97.3	60	140	06/06/2025
Hexachlorobutadiene	*	5.0		**56.0**	50.00	0	112.1	60	140	06/06/2025
Hexachloroethane	*	5.0		**45.4**	50.00	0	90.9	60	140	06/06/2025
Hexane		5.0		**56.7**	50.00	0	113.3	60	140	06/06/2025
Iodomethane		5.0	S	**24.8**	50.00	0	49.6	60	140	06/06/2025
Isopropylbenzene	*	2.0		**44.7**	50.00	0	89.3	60	140	06/06/2025
m,p-Xylenes		2.0		**98.0**	100.0	0	98.0	60	140	06/06/2025
Methacrylonitrile		5.0		**52.0**	50.00	0	104.1	60	140	06/06/2025

Client: Environmental Operations, Inc. **Work Order:** 25052633

Client Project: Joplin MO Drums **Report Date:** 09-Jun-25

SW-846 5030B, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 240214 **SampType: LCS** Units **µg/L**

SampID: QCS-AE250606A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Methyl methacrylate		5.0		**53.0**	50.00	0	106.0	60	140	06/06/2025
Methyl tert-butyl ether		2.0		**54.0**	50.00	0	108.0	60	140	06/06/2025
Methylacrylate		5.0		**52.2**	50.00	0	104.4	60	140	06/06/2025
Methylene chloride		2.0		**52.2**	50.00	0	104.5	60	140	06/06/2025
Naphthalene		5.0		**45.6**	50.00	0	91.2	60	140	06/06/2025
n-Butyl acetate	*	2.0		**47.7**	50.00	0	95.3	60	140	06/06/2025
n-Butylbenzene	*	2.0		**48.5**	50.00	0	97.1	60	140	06/06/2025
n-Heptane		5.0		**58.0**	50.00	0	115.9	60	140	06/06/2025
Nitrobenzene	*	50.0		**415**	500.0	0	83.0	60	140	06/06/2025
n-Propylbenzene	*	2.0		**48.3**	50.00	0	96.6	60	140	06/06/2025
o-Xylene	*	2.0		**47.9**	50.00	0	95.8	60	140	06/06/2025
Pentachloroethane		5.0		**53.8**	50.00	0	107.7	60	140	06/06/2025
p-Isopropyltoluene	*	2.0		**50.0**	50.00	0	100.0	60	140	06/06/2025
Propionitrile		10.0		**536**	500.0	0	107.3	60	140	06/06/2025
sec-Butylbenzene	*	2.0		**49.6**	50.00	0	99.2	60	140	06/06/2025
Styrene		2.0		**49.8**	50.00	0	99.5	60	140	06/06/2025
TAEE	*	2.0		**56.4**	50.00	0	112.7	60	140	06/06/2025
TAME		2.0		**53.4**	50.00	0	106.7	60	140	06/06/2025
tert-Butylbenzene	*	2.0		**46.7**	50.00	0	93.4	60	140	06/06/2025
Tetrachloroethene		0.5		**49.4**	50.00	0	98.7	70	130	06/06/2025
Tetrahydrofuran		5.0		**50.1**	50.00	0	100.1	60	140	06/06/2025
Toluene		2.0		**48.6**	50.00	0	97.2	70	130	06/06/2025
trans-1,2-Dichloroethene		2.0		**55.3**	50.00	0	110.5	70	130	06/06/2025
trans-1,3-Dichloropropene		2.0		**48.8**	50.00	0	97.6	50	150	06/06/2025
trans-1,4-Dichloro-2-butene		2.0		**39.6**	50.00	0	79.2	60	140	06/06/2025
Trichloroethene		2.0		**55.2**	50.00	0	110.5	65	135	06/06/2025
Trichlorofluoromethane		5.0		**52.5**	50.00	0	105.0	50	150	06/06/2025
Vinyl acetate	*	5.0		**64.8**	50.00	0	129.5	60	140	06/06/2025
Vinyl chloride		2.0		**49.6**	50.00	0	99.3	5	195	06/06/2025
Xylenes, Total		4.0		**146**	150.0	0	97.2	60	140	06/06/2025
Surr: 1,2-Dichloroethane-d4	*			**44.6**	50.00		89.2	80	120	06/06/2025
Surr: 4-Bromofluorobenzene	*			**49.1**	50.00		98.2	80	120	06/06/2025
Surr: Dibromofluoromethane	*			**50.2**	50.00		100.5	80	120	06/06/2025
Surr: Toluene-d8	*			**46.6**	50.00		93.3	80	120	06/06/2025

Client: Environmental Operations, Inc. **Work Order:** 25052633

Client Project: Joplin MO Drums **Report Date:** 09-Jun-25

SW-846 5030B, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 240214 **SampType:** LCSD Units µg/L RPD Limit 40

SampID: QCSD-AE250606A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
1,1,1,2-Tetrachloroethane	*	2.0		**50.4**	50.00	0	100.7	48.88	2.98	06/06/2025
1,1,1-Trichloroethane		2.0		**53.7**	50.00	0	107.4	52.47	2.34	06/06/2025
1,1,2,2-Tetrachloroethane		2.0		**48.0**	50.00	0	96.0	46.47	3.24	06/06/2025
1,1,2-Trichloro-1,2,2-trifluoroethane		5.0		**53.8**	50.00	0	107.7	52.83	1.88	06/06/2025
1,1,2-Trichloroethane		0.5		**49.5**	50.00	0	99.1	48.42	2.27	06/06/2025
1,1-Dichloro-2-propanone		30.0		**122**	125.0	0	97.9	116.4	5.07	06/06/2025
1,1-Dichloroethane		2.0		**56.9**	50.00	0	113.9	55.54	2.49	06/06/2025
1,1-Dichloroethene		2.0		**56.0**	50.00	0	112.1	54.81	2.22	06/06/2025
1,1-Dichloropropene	*	2.0		**55.4**	50.00	0	110.9	54.03	2.58	06/06/2025
1,2,3-Trichlorobenzene	*	2.0		**50.5**	50.00	0	101.1	48.30	4.51	06/06/2025
1,2,3-Trichloropropane	*	2.0		**43.0**	50.00	0	86.0	41.79	2.85	06/06/2025
1,2,3-Trimethylbenzene	*	2.0		**52.6**	50.00	0	105.2	50.91	3.25	06/06/2025
1,2,4-Trichlorobenzene	*	2.0		**52.6**	50.00	0	105.3	50.64	3.87	06/06/2025
1,2,4-Trimethylbenzene		2.0		**51.0**	50.00	0	102.0	49.30	3.35	06/06/2025
1,2-Dibromo-3-chloropropane	*	2.0		**44.1**	50.00	0	88.1	42.33	4.03	06/06/2025
1,2-Dibromoethane	*	2.0		**49.4**	50.00	0	98.7	48.24	2.32	06/06/2025
1,2-Dichlorobenzene		2.0		**49.1**	50.00	0	98.3	47.66	3.06	06/06/2025
1,2-Dichloroethane		2.0		**49.0**	50.00	0	97.9	48.13	1.73	06/06/2025
1,2-Dichloropropane		2.0		**57.9**	50.00	0	115.7	56.88	1.71	06/06/2025
1,3,5-Trimethylbenzene	*	2.0		**50.8**	50.00	0	101.7	49.49	2.69	06/06/2025
1,3-Dichlorobenzene		2.0		**50.3**	50.00	0	100.6	48.68	3.29	06/06/2025
1,3-Dichloropropane	*	2.0		**49.3**	50.00	0	98.6	48.27	2.07	06/06/2025
1,4-Dichlorobenzene		2.0		**49.5**	50.00	0	99.1	48.19	2.74	06/06/2025
1-Chlorobutane	*	5.0		**55.5**	50.00	0	111.0	54.29	2.24	06/06/2025
1-Ethyl-2-methylbenzene		5.0		**50.0**	50.00	0	100.0	48.52	2.96	06/06/2025
2,2-Dichloropropane	*	2.0		**54.2**	50.00	0	108.4	53.01	2.24	06/06/2025
2-Butanone		10.0		**135**	125.0	0	107.9	130.7	3.08	06/06/2025
2-Chloroethyl vinyl ether		5.0		**54.7**	50.00	0	109.5	54.15	1.08	06/06/2025
2-Chlorotoluene	*	2.0		**48.4**	50.00	0	96.8	47.23	2.45	06/06/2025
2-Hexanone	*	10.0		**113**	125.0	0	90.4	110.3	2.39	06/06/2025
2-Methyl-2-propanol		10.0		**235**	250.0	0	94.2	232.9	1.08	06/06/2025
2-Nitropropane		10.0		**550**	500.0	0	110.1	536.8	2.48	06/06/2025
4-Chlorotoluene	*	2.0		**49.0**	50.00	0	98.0	47.52	3.05	06/06/2025
4-Methyl-2-pentanone		10.0		**124**	125.0	0	98.8	119.9	3.02	06/06/2025
Acetone		10.0		**108**	125.0	0	86.7	106.5	1.67	06/06/2025
Acetonitrile		10.0		**588**	500.0	0	117.6	576.2	2.01	06/06/2025

Client: Environmental Operations, Inc. **Work Order:** 25052633

Client Project: Joplin MO Drums **Report Date:** 09-Jun-25

SW-846 5030B, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 240214 **SampType:** LCSD Units µg/L RPD Limit 40

SampID: QCSD-AE250606A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Acrolein		20.0		**534**	500.0	0	106.8	528.0	1.18	06/06/2025
Acrylonitrile		5.0		**57.2**	50.00	0	114.4	56.09	1.94	06/06/2025
Allyl chloride		5.0		**60.5**	50.00	0	121.0	59.36	1.87	06/06/2025
Benzene		0.5		**56.4**	50.00	0	112.8	55.40	1.77	06/06/2025
Bromobenzene	*	2.0		**49.1**	50.00	0	98.3	47.60	3.18	06/06/2025
Bromochloromethane	*	2.0		**50.9**	50.00	0	101.9	50.53	0.81	06/06/2025
Bromodichloromethane		2.0		**53.7**	50.00	0	107.4	52.78	1.75	06/06/2025
Bromoform		2.0		**49.9**	50.00	0	99.8	48.80	2.25	06/06/2025
Bromomethane		5.0		**53.7**	50.00	0	107.4	47.41	12.40	06/06/2025
Carbon disulfide		2.0		**67.0**	50.00	0	133.9	66.26	1.05	06/06/2025
Carbon tetrachloride		2.0		**54.3**	50.00	0	108.5	53.26	1.86	06/06/2025
Chlorobenzene		2.0		**50.5**	50.00	0	100.9	49.54	1.86	06/06/2025
Chloroethane		2.0		**59.2**	50.00	0	118.4	58.84	0.59	06/06/2025
Chloroform		2.0		**52.6**	50.00	0	105.2	51.42	2.23	06/06/2025
Chloromethane		5.0		**52.1**	50.00	0	104.2	50.49	3.16	06/06/2025
Chloroprene		5.0		**53.7**	50.00	0	107.5	52.47	2.37	06/06/2025
cis-1,2-Dichloroethene		2.0		**56.9**	50.00	0	113.9	56.13	1.43	06/06/2025
cis-1,3-Dichloropropene		2.0		**57.9**	50.00	0	115.9	56.86	1.86	06/06/2025
cis-1,4-Dichloro-2-butene		2.0		**41.4**	50.00	0	82.9	40.72	1.73	06/06/2025
Cyclohexanone		20.0		**408**	500.0	0	81.5	405.3	0.56	06/06/2025
Dibromochloromethane		2.0		**50.7**	50.00	0	101.4	49.20	2.98	06/06/2025
Dibromomethane	*	2.0		**50.4**	50.00	0	100.8	50.12	0.60	06/06/2025
Dichlorodifluoromethane		2.0		**47.6**	50.00	0	95.3	46.94	1.50	06/06/2025
DIPE		2.0		**56.8**	50.00	0	113.7	56.11	1.28	06/06/2025
ETBE		2.0		**56.6**	50.00	0	113.2	55.73	1.57	06/06/2025
Ethyl acetate		10.0		**52.2**	50.00	0	104.5	49.93	4.50	06/06/2025
Ethyl ether	*	5.0		**57.8**	50.00	0	115.5	56.67	1.91	06/06/2025
Ethyl methacrylate		5.0		**50.0**	50.00	0	100.1	48.92	2.28	06/06/2025
Ethylbenzene		2.0		**49.8**	50.00	0	99.7	48.65	2.40	06/06/2025
Hexachlorobutadiene	*	5.0		**56.6**	50.00	0	113.3	56.05	1.03	06/06/2025
Hexachloroethane	*	5.0		**46.8**	50.00	0	93.7	45.45	3.01	06/06/2025
Hexane		5.0		**57.2**	50.00	0	114.3	56.67	0.88	06/06/2025
Iodomethane		5.0	S	**24.3**	50.00	0	48.6	24.80	2.04	06/06/2025
Isopropylbenzene	*	2.0		**45.4**	50.00	0	90.8	44.67	1.64	06/06/2025
m,p-Xylenes		2.0		**101**	100.0	0	100.5	97.98	2.57	06/06/2025
Methacrylonitrile		5.0		**53.0**	50.00	0	106.0	52.05	1.81	06/06/2025

Client: Environmental Operations, Inc. **Work Order:** 25052633

Client Project: Joplin MO Drums **Report Date:** 09-Jun-25

SW-846 5030B, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 240214 **SampType:** LCSD Units µg/L RPD Limit 40

SampID: QCSD-AE250606A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Methyl methacrylate		5.0		**54.5**	50.00	0	109.0	52.98	2.83	06/06/2025
Methyl tert-butyl ether		2.0		**54.8**	50.00	0	109.7	54.01	1.54	06/06/2025
Methylacrylate		5.0		**53.5**	50.00	0	107.0	52.21	2.42	06/06/2025
Methylene chloride		2.0		**52.3**	50.00	0	104.6	52.24	0.10	06/06/2025
Naphthalene		5.0		**48.0**	50.00	0	95.9	45.62	4.98	06/06/2025
n-Butyl acetate	*	2.0		**49.0**	50.00	0	98.1	47.67	2.83	06/06/2025
n-Butylbenzene	*	2.0		**50.0**	50.00	0	99.9	48.53	2.92	06/06/2025
n-Heptane		5.0		**57.4**	50.00	0	114.8	57.95	0.95	06/06/2025
Nitrobenzene	*	50.0		**436**	500.0	0	87.1	415.1	4.84	06/06/2025
n-Propylbenzene	*	2.0		**49.9**	50.00	0	99.7	48.31	3.18	06/06/2025
o-Xylene	*	2.0		**48.8**	50.00	0	97.5	47.88	1.80	06/06/2025
Pentachloroethane		5.0		**55.4**	50.00	0	110.7	53.85	2.75	06/06/2025
p-Isopropyltoluene	*	2.0		**51.2**	50.00	0	102.5	49.99	2.45	06/06/2025
Propionitrile		10.0		**545**	500.0	0	108.9	536.5	1.52	06/06/2025
sec-Butylbenzene	*	2.0		**50.8**	50.00	0	101.5	49.59	2.35	06/06/2025
Styrene		2.0		**50.7**	50.00	0	101.5	49.75	1.97	06/06/2025
TAEE	*	2.0		**56.8**	50.00	0	113.6	56.35	0.83	06/06/2025
TAME		2.0		**53.9**	50.00	0	107.9	53.36	1.08	06/06/2025
tert-Butylbenzene	*	2.0		**48.1**	50.00	0	96.2	46.70	2.95	06/06/2025
Tetrachloroethene		0.5		**50.8**	50.00	0	101.6	49.36	2.91	06/06/2025
Tetrahydrofuran		5.0		**52.3**	50.00	0	104.7	50.06	4.43	06/06/2025
Toluene		2.0		**49.5**	50.00	0	99.1	48.58	1.94	06/06/2025
trans-1,2-Dichloroethene		2.0		**56.3**	50.00	0	112.7	55.27	1.92	06/06/2025
trans-1,3-Dichloropropene		2.0		**50.4**	50.00	0	100.7	48.78	3.21	06/06/2025
trans-1,4-Dichloro-2-butene		2.0		**40.8**	50.00	0	81.7	39.62	3.01	06/06/2025
Trichloroethene		2.0		**55.9**	50.00	0	111.8	55.23	1.22	06/06/2025
Trichlorofluoromethane		5.0		**52.9**	50.00	0	105.8	52.49	0.78	06/06/2025
Vinyl acetate	*	5.0		**66.5**	50.00	0	133.0	64.76	2.62	06/06/2025
Vinyl chloride		2.0		**51.0**	50.00	0	102.1	49.65	2.78	06/06/2025
Xylenes, Total		4.0		**149**	150.0	0	99.5	145.9	2.32	06/06/2025
Surr: 1,2-Dichloroethane-d4	*			**44.3**	50.00		88.6			06/06/2025
Surr: 4-Bromofluorobenzene	*			**49.5**	50.00		99.0			06/06/2025
Surr: Dibromofluoromethane	*			**50.2**	50.00		100.3			06/06/2025
Surr: Toluene-d8	*			**46.6**	50.00		93.1			06/06/2025

Client: Environmental Operations, Inc. **Work Order:** 25052633

Client Project: Joplin MO Drums **Report Date:** 09-Jun-25

SW-846 5030B, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 240214 **SampType: MS** Units **µg/L**

SampID: 25060546-003EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene		0.5		**51.7**	50.00	0	103.5	74.1	118	06/06/2025
Ethylbenzene		2.0		**47.0**	50.00	0	94.1	74.8	119	06/06/2025
m,p-Xylenes		2.0		**50.1**	50.00	0	100.1	77.8	128	06/06/2025
o-Xylene		2.0		**46.9**	50.00	0	93.9	75.8	118	06/06/2025
Toluene		2.0		**46.6**	50.00	0	93.1	74.4	115	06/06/2025
Xylenes, Total		4.0		**97.0**	100.0	0	97.0	76.8	123	06/06/2025
Surr: 1,2-Dichloroethane-d4	*			**45.6**	50.00		91.2	80	120	06/06/2025
Surr: 4-Bromofluorobenzene	*			**47.8**	50.00		95.6	80	120	06/06/2025
Surr: Dibromofluoromethane	*			**50.8**	50.00		101.7	80	120	06/06/2025
Surr: Toluene-d8	*			**48.3**	50.00		96.6	80	120	06/06/2025

Batch 240214 **SampType: MSD** Units **µg/L** RPD Limit **20**

SampID: 25060546-003EMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene		0.5		**53.2**	50.00	0	106.4	51.73	2.76	06/06/2025
Ethylbenzene		2.0		**48.4**	50.00	0	96.9	47.04	2.91	06/06/2025
m,p-Xylenes		2.0		**51.6**	50.00	0	103.2	50.07	3.01	06/06/2025
o-Xylene		2.0		**48.0**	50.00	0	96.1	46.94	2.32	06/06/2025
Toluene		2.0		**48.0**	50.00	0	96.0	46.57	3.00	06/06/2025
Xylenes, Total		4.0		**99.6**	100.0	0	99.6	97.01	2.67	06/06/2025
Surr: 1,2-Dichloroethane-d4	*			**46.4**	50.00		92.9			06/06/2025
Surr: 4-Bromofluorobenzene	*			**48.2**	50.00		96.5			06/06/2025
Surr: Dibromofluoromethane	*			**51.5**	50.00		103.1			06/06/2025
Surr: Toluene-d8	*			**48.5**	50.00		97.0			06/06/2025

Client: Environmental Operations, Inc. **Work Order:** 25052633

Client Project: Joplin MO Drums **Report Date:** 09-Jun-25

SW-846 5030B, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 240214 **SampType:** MS Units µg/L

SampID: 25060602-001HMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
1,1,1,2-Tetrachloroethane	*	200		**4790**	5000	0	95.8	40	160	06/06/2025
1,1,1-Trichloroethane		200		**5120**	5000	0	102.3	52	162	06/06/2025
1,1,2,2-Tetrachloroethane		200		**4520**	5000	0	90.3	46	157	06/06/2025
1,1,2-Trichloro-1,2,2-trifluoroethane		500		**5150**	5000	0	103.1	40	160	06/06/2025
1,1,2-Trichloroethane		50.0		**4760**	5000	0	95.3	52	150	06/06/2025
1,1-Dichloro-2-propanone		3000		**12100**	12500	0	96.7	40	160	06/06/2025
1,1-Dichloroethane		200		**5480**	5000	0	109.5	59	155	06/06/2025
1,1-Dichloroethene		200		**5420**	5000	0	108.5	1	234	06/06/2025
1,1-Dichloropropene	*	200		**5300**	5000	0	105.9	40	160	06/06/2025
1,2,3-Trichlorobenzene	*	200		**4780**	5000	0	95.6	40	160	06/06/2025
1,2,3-Trichloropropane	*	200		**4070**	5000	0	81.3	40	160	06/06/2025
1,2,3-Trimethylbenzene	*	200		**5700**	5000	759.0	98.9	40	160	06/06/2025
1,2,4-Trichlorobenzene	*	200		**4910**	5000	0	98.1	40	160	06/06/2025
1,2,4-Trimethylbenzene		200		**7120**	5000	2355	95.4	40	160	06/06/2025
1,2-Dibromo-3-chloropropane	*	200		**4280**	5000	0	85.5	40	160	06/06/2025
1,2-Dibromoethane	*	200		**4600**	5000	0	92.0	40	160	06/06/2025
1,2-Dichlorobenzene		200		**4620**	5000	0	92.3	18	190	06/06/2025
1,2-Dichloroethane		200		**4720**	5000	0	94.4	49	155	06/06/2025
1,2-Dichloropropane		200		**5510**	5000	0	110.1	1	210	06/06/2025
1,3,5-Trimethylbenzene	*	200		**5120**	5000	454.0	93.3	40	160	06/06/2025
1,3-Dichlorobenzene		200		**4690**	5000	0	93.7	59	156	06/06/2025
1,3-Dichloropropane	*	200		**4790**	5000	0	95.8	40	160	06/06/2025
1,4-Dichlorobenzene		200		**4600**	5000	0	92.1	18	190	06/06/2025
1-Chlorobutane	*	500		**5340**	5000	0	106.7	40	160	06/06/2025
2,2-Dichloropropane	*	200		**4690**	5000	0	93.7	40	160	06/06/2025
2-Butanone		1000		**14400**	12500	1000	107.0	40	160	06/06/2025
2-Chloroethyl vinyl ether		500		**5170**	5000	0	103.4	1	305	06/06/2025
2-Chlorotoluene	*	200		**4670**	5000	0	93.4	40	160	06/06/2025
2-Hexanone	*	1000		**12100**	12500	0	96.7	40	160	06/06/2025
2-Methyl-2-propanol		1000		**25400**	25000	1833	94.5	40	160	06/06/2025
2-Nitropropane		1000		**53800**	50000	0	107.7	40	160	06/06/2025
4-Chlorotoluene	*	200		**4570**	5000	0	91.4	40	160	06/06/2025
4-Methyl-2-pentanone		1000		**17600**	12500	5679	95.5	40	160	06/06/2025
Acetone		1000		**41600**	12500	30870	85.6	40	160	06/06/2025
Acetonitrile		1000		**58500**	50000	0	117.0	40	160	06/06/2025
Acrolein		2000		**25700**	50000	0	51.4	40	160	06/06/2025

Client: Environmental Operations, Inc. **Work Order:** 25052633

Client Project: Joplin MO Drums **Report Date:** 09-Jun-25

SW-846 5030B, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 240214 **SampType:** MS Units µg/L

SampID: 25060602-001HMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acrylonitrile		500		**5690**	5000	0	113.8	40	160	06/06/2025
Allyl chloride		500		**5110**	5000	0	102.2	40	160	06/06/2025
Benzene		50.0		**5420**	5000	0	108.4	37	151	06/06/2025
Bromobenzene	*	200		**4550**	5000	0	90.9	40	160	06/06/2025
Bromochloromethane	*	200		**5000**	5000	0	100.0	40	160	06/06/2025
Bromodichloromethane		200		**5120**	5000	0	102.3	35	155	06/06/2025
Bromoform		200		**4670**	5000	0	93.4	45	169	06/06/2025
Bromomethane		500		**2220**	5000	0	44.5	1	242	06/06/2025
Carbon disulfide		200		**6230**	5000	0	124.6	40	160	06/06/2025
Carbon tetrachloride		200		**5130**	5000	0	102.6	70	140	06/06/2025
Chlorobenzene		200		**4820**	5000	0	96.3	37	160	06/06/2025
Chloroethane		200		**5560**	5000	0	111.3	14	230	06/06/2025
Chloroform		200		**5070**	5000	0	101.5	51	138	06/06/2025
Chloromethane		500		**4540**	5000	0	90.9	1	273	06/06/2025
Chloroprene		500		**5160**	5000	0	103.1	40	160	06/06/2025
cis-1,2-Dichloroethene		200		**5460**	5000	0	109.1	40	160	06/06/2025
cis-1,3-Dichloropropene		200		**5460**	5000	0	109.3	1	227	06/06/2025
cis-1,4-Dichloro-2-butene		200		**3700**	5000	0	74.0	40	160	06/06/2025
Cyclohexanone		2000	SE	**327000**	50000	315000	23.4	40	160	06/06/2025
Dibromochloromethane		200		**4530**	5000	0	90.5	53	149	06/06/2025
Dibromomethane	*	200		**4810**	5000	0	96.3	40	160	06/06/2025
Dichlorodifluoromethane		200		**4250**	5000	0	85.1	1	200	06/06/2025
DIPE		200		**5370**	5000	0	107.3	40	160	06/06/2025
ETBE		200		**5240**	5000	0	104.8	40	160	06/06/2025
Ethyl acetate		1000		**5670**	5000	0	113.3	40	160	06/06/2025
Ethyl ether	*	500		**5520**	5000	0	110.5	40	160	06/06/2025
Ethyl methacrylate		500		**4820**	5000	0	96.5	40	160	06/06/2025
Ethylbenzene		200		**5000**	5000	298.0	94.1	37	162	06/06/2025
Hexachlorobutadiene	*	500		**5170**	5000	0	103.5	40	160	06/06/2025
Hexachloroethane	*	500		**4180**	5000	0	83.7	40	160	06/06/2025
Hexane		500		**5310**	5000	0	106.2	40	160	06/06/2025
Iodomethane		500	S	**1510**	5000	0	30.1	40	160	06/06/2025
Isopropylbenzene	*	200		**4290**	5000	20.00	85.4	40	160	06/06/2025
m,p-Xylenes		200		**10500**	10000	1167	93.2	40	160	06/06/2025
Methacrylonitrile		500		**5260**	5000	0	105.3	40	160	06/06/2025
Methyl methacrylate		500		**5200**	5000	37.00	103.3	40	160	06/06/2025

Client: Environmental Operations, Inc. **Work Order:** 25052633

Client Project: Joplin MO Drums **Report Date:** 09-Jun-25

SW-846 5030B, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 240214 **SampType:** MS Units µg/L

SampID: 25060602-001HMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Methyl tert-butyl ether		200		**5120**	5000	0	102.5	40	160	06/06/2025
Methylacrylate		500		**5300**	5000	0	106.0	40	160	06/06/2025
Methylene chloride		200		**5160**	5000	0	103.2	1	221	06/06/2025
Naphthalene		500		**4610**	5000	0	92.3	40	160	06/06/2025
n-Butyl acetate	*	200	SE	**46500**	5000	45710	16.3	40	160	06/06/2025
n-Butylbenzene	*	200		**4530**	5000	0	90.7	40	160	06/06/2025
n-Heptane		500		**5270**	5000	0	105.5	40	160	06/06/2025
Nitrobenzene	*	5000		**39900**	50000	0	79.8	40	160	06/06/2025
n-Propylbenzene	*	200		**4720**	5000	166.0	91.1	40	160	06/06/2025
o-Xylene	*	200		**5010**	5000	359.0	93.0	40	160	06/06/2025
Pentachloroethane		500		**5070**	5000	0	101.5	40	160	06/06/2025
p-Isopropyltoluene	*	200		**4650**	5000	13.00	92.7	40	160	06/06/2025
Propionitrile		1000		**54800**	50000	0	109.7	40	160	06/06/2025
sec-Butylbenzene	*	200		**4620**	5000	20.00	92.1	40	160	06/06/2025
Styrene		200		**4860**	5000	0	97.3	40	160	06/06/2025
TAEE	*	200		**5200**	5000	0	104.0	40	160	06/06/2025
TAME		200		**5000**	5000	0	100.0	40	160	06/06/2025
tert-Butylbenzene	*	200		**4380**	5000	0	87.7	40	160	06/06/2025
Tetrachloroethene		50.0		**4890**	5000	0	97.8	64	148	06/06/2025
Tetrahydrofuran		500		**5290**	5000	108.0	103.7	40	160	06/06/2025
Toluene		200		**4790**	5000	43.00	95.0	47	150	06/06/2025
trans-1,2-Dichloroethene		200		**5380**	5000	0	107.7	54	156	06/06/2025
trans-1,3-Dichloropropene		200		**4730**	5000	0	94.6	17	183	06/06/2025
trans-1,4-Dichloro-2-butene		200		**3580**	5000	0	71.6	40	160	06/06/2025
Trichloroethene		200		**5110**	5000	0	102.1	70	157	06/06/2025
Trichlorofluoromethane		500		**4730**	5000	0	94.6	17	181	06/06/2025
Vinyl acetate	*	500		**5750**	5000	0	115.0	40	160	06/06/2025
Vinyl chloride		200		**4530**	5000	0	90.5	1	251	06/06/2025
Xylenes, Total		400		**15500**	15000	1526	93.1	40	160	06/06/2025
Surr: 1,2-Dichloroethane-d4	*			**4560**	5000		91.1	80	120	06/06/2025
Surr: 4-Bromofluorobenzene	*			**4790**	5000		95.7	80	120	06/06/2025
Surr: Dibromofluoromethane	*			**5080**	5000		101.7	80	120	06/06/2025
Surr: Toluene-d8	*			**4720**	5000		94.4	80	120	06/06/2025

Teklab, Inc.
Environmental Laboratory

Receiving Check List

http://www.teklabinc.com/

Client: Environmental Operations, Inc.
Work Order: 25052633
Client Project: Joplin MO Drums
Report Date: 09-Jun-25

Carrier: Bill Frederick
Received By: EG

Completed by: Amber Dilallo
On: 30-May-25

Reviewed by: Ellie Hopkins
On: 30-May-25

Pages to follow: Chain of custody [1] Extra pages included [0]

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	Temp °C 1.9
Type of thermal preservation?	None ☐	Ice ☑	Blue Ice ☐	Dry Ice ☐
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Reported field parameters measured:	Field ☐	Lab ☐	NA ☑	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐		
When thermal preservation is required, samples are compliant with a temperature between 0.1°C - 6.0°C, or when samples are received on ice the same day as collected.				
Water – at least one vial per sample has zero headspace?	Yes ☐	No ☐	No VOA vials ☑	
Water - TOX containers have zero headspace?	Yes ☐	No ☐	No TOX containers ☑	
Water - pH acceptable upon receipt?	Yes ☐	No ☐	NA ☑	
NPDES/CWA TCN interferences checked/treated in the field?	Yes ☐	No ☐	NA ☑	

Any No responses must be detailed below or on the COC.

Drop off Location
☐ Downers Grove, IL ☐ Lenexa, KS
☐ Springfield, IL ☐ Collinsville, IL

CHAIN OF CUSTODY

pg. 1 of 1 Work order # 25052633

TEKLAB, INC. 5445 Horseshoe Lake Road - Collinsville, IL 62234 - Phone: (618) 344-1004

Client:	Environmental Operations, Inc.		
Address:	7733 Forsyth Boulevard, Suite 1600		
City / State / Zip	Clayton, MO 63105		
Contact:	Bill Frederick	**Phone:**	(314) 241-0900
E-Mail:	billf@environmentalops.com	**Fax:**	

Samples on: ☒ ICE ☐ BLUE ICE ☐ NO ICE 1.9 °C LTG# 10
Preserved in: ☐ LAB ☐ FIELD
FOR LAB USE ONLY
Lab Notes 6K H/S 1/2 vials 5/30/25

Client Comments: Report QC LVL:___

Are these samples known to be involved in litigation? If yes, a surcharge will apply ☐ Yes ☒ No
Are these samples known to be hazardous? If yes, include details of the hazard. ☐ Yes ☒ No
Are there any required reporting limits to be met on the requested analysis?. If yes, please provide limits in the comment section. ☐ Yes ☒ No

Project Name/Number: Joplin MO Drums

Sample Collector's Name: Bill Frederick

Results Requested (call for PFAS TAT and surcharges)
☒ Standard ☐ 1-2 Day (100% Surcharge)
☐ Date ____ ☐ 3 Day (50% Surcharge)

Billing/PO#

Lab Use Only	Sample Identification	Date/Time Sampled	# and Type of Containers: UNPRES	HNO3	NaOH	H2SO4	HCL	MeOH	NaHSO4	OTHER	MATRIX: Aqueous	Drinking Water	Soil	Sludge	Special Waste	Groundwater	INDICATE ANALYSIS REQUESTED: 8 RCRA metals	Ignitability	PCB 8082	pH	TPH-DRO ORO	VOCs 8260
25052633 001	JD	5/29/25 10:30								2							X	X	X	X	X	X

Relinquished By	Date/Time	Received By	Date/Time
	5/30/25 11:30		5/30/25 11:30

The individual signing this agreement on behalf of the client, acknowledges that he/she has read and understands the terms and conditions of this agreement, and that he/she has the authority to sign on behalf of the client. See www.teklabinc.com for terms and conditions.

BottleOrder: 100506