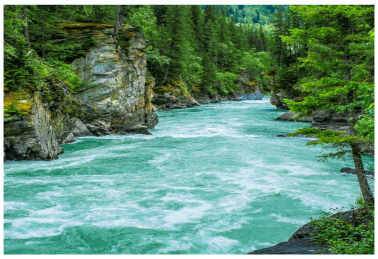
Report to:

Darren Rowley



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Farmington, NM 87401

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Envirotech-inc.com

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Practical Solutions for a Better Tomorrow

Analytical Report

Logos Resources

Project Name:	Bondad 33 9 22A
Work Order:	E108018
Job Number:	12035-0114
Received:	8/10/2021

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
8/20/21

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
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Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 8/20/21

Darren Rowley
2010 Afton Place
Farmington, NM 87401

Project Name: Bondad 33 9 22A
Workorder: E108018
Date Received: 8/10/2021 10:02:00AM

Darren Rowley,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/10/2021 10:02:00AM, under the Project Name: Bondad 33 9 22A.

The analytical test results summarized in this report with the Project Name: Bondad 33 9 22A apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

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Table of Contents

Sample Summary

Logos Resources	Project Name:	Bondad 33 9 22A	**Reported:**
2010 Afton Place	Project Number:	12035-0114	
Farmington NM, 87401	Project Manager:	Darren Rowley	08/20/21 10:55

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SB-1 grab sample westside	E108018-01A	Soil	08/10/21	08/10/21	Glass Jar, 4 oz.
	E108018-01B	Soil	08/10/21	08/10/21	Glass Jar, 2 oz.
SB-2 grab sample westside	E108018-02A	Soil	08/10/21	08/10/21	Glass Jar, 4 oz.
	E108018-02B	Soil	08/10/21	08/10/21	Glass Jar, 2 oz.
background sample	E108018-03A	Soil	08/10/21	08/10/21	Glass Jar, 4 oz.
	E108018-03B	Soil	08/10/21	08/10/21	Glass Jar, 4 oz.

Sample Data

Logos Resources	Project Name:	Bondad 33 9 22A	
2010 Afton Place	Project Number:	12035-0114	**Reported:**
Farmington NM, 87401	Project Manager:	Darren Rowley	8/20/2021 10:55:42AM

SB-1 grab sample westside

E108018-01

Analyte	Result	MDL	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Hexavalent Chromium (Cr6+) by EPA 7196A/3060A	mg/kg	mg/kg	mg/kg	Analyst: RKS			Batch: 2134016
Chromium (VI)	**0.820**	**0.300**	0.500	1	08/18/21	08/19/21	
Volatile Organic Compounds by EPA 8260B	mg/kg		mg/kg	Analyst: IY			Batch: 2133010
Benzene	ND		0.0250	1	08/10/21	08/18/21	
Ethylbenzene	ND		0.0250	1	08/10/21	08/18/21	
1-Methylnaphthalene	ND		0.200	1	08/10/21	08/18/21	
2-Methylnaphthalene	ND		0.200	1	08/10/21	08/18/21	
Naphthalene	ND		0.100	1	08/10/21	08/18/21	
1,2,4-Trimethylbenzene	ND		0.100	1	08/10/21	08/18/21	
1,3,5-Trimethylbenzene	ND		0.0250	1	08/10/21	08/18/21	
Toluene	ND		0.0250	1	08/10/21	08/18/21	
o-Xylene	ND		0.0250	1	08/10/21	08/18/21	
p,m-Xylene	ND		0.0500	1	08/10/21	08/18/21	
Total Xylenes	ND		0.0250	1	08/10/21	08/18/21	
Surrogate: Bromofluorobenzene		*98.6 %*	*70-130*		*08/10/21*	*08/18/21*	
Surrogate: 1,2-Dichloroethane-d4		*96.6 %*	*70-130*		*08/10/21*	*08/18/21*	
Surrogate: Toluene-d8		*98.3 %*	*70-130*		*08/10/21*	*08/18/21*	
Wet Chemistry by 9050A/2510B	uS/cm		uS/cm	Analyst: RAS			Batch: 2133035
Specific Conductance (@ 25 C)	**187**		10.0	1	08/13/21	08/13/21	
Wet Chemistry by EPA 9045D	pH Units		pH Units	Analyst: RAS			Batch: 2134014
pH @25°C	**8.07**			1	08/18/21	08/18/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg		mg/kg	Analyst: IY			Batch: 2133010
Gasoline Range Organics (C6-C10)	ND		20.0	1	08/10/21	08/18/21	
Surrogate: Bromofluorobenzene		*98.6 %*	*70-130*		*08/10/21*	*08/18/21*	
Surrogate: 1,2-Dichloroethane-d4		*96.6 %*	*70-130*		*08/10/21*	*08/18/21*	
Surrogate: Toluene-d8		*98.3 %*	*70-130*		*08/10/21*	*08/18/21*	

Sample Data

Logos Resources	Project Name:	Bondad 33 9 22A	
2010 Afton Place	Project Number:	12035-0114	**Reported:**
Farmington NM, 87401	Project Manager:	Darren Rowley	8/20/2021 10:55:42AM

SB-1 grab sample westside

E108018-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2133018
Diesel Range Organics (C10-C28)	**39.8**	25.0	1	08/11/21	08/11/21	
Oil Range Organics (C28-C36)	**93.2**	50.0	1	08/11/21	08/11/21	
Surrogate: n-Nonane		*103 %*	*50-200*	*08/11/21*	*08/11/21*	
Total Metals by EPA 6010C	mg/kg	mg/kg	Analyst: AC			Batch: 2133033
Arsenic	**2.40**	0.500	1	08/16/21	08/16/21	
Barium	**218**	6.25	1	08/16/21	08/16/21	
Cadmium	ND	0.250	1	08/16/21	08/16/21	
Copper	**4.73**	0.500	1	08/16/21	08/16/21	
Lead	**6.40**	0.250	1	08/16/21	08/16/21	
Nickel	**7.34**	1.25	1	08/16/21	08/16/21	
Selenium	ND	1.25	1	08/16/21	08/16/21	
Silver	ND	0.250	1	08/16/21	08/16/21	
Zinc	**40.1**	2.50	1	08/16/21	08/16/21	
Soil Paste (SP) Leaching Procedure	mg/L	mg/L	Analyst: AC			Batch: 2133031
Calcium	**111**	1.00	1	08/12/21	08/12/21	
Magnesium	**12.1**	1.00	1	08/12/21	08/12/21	
Sodium	**9.91**	2.00	1	08/12/21	08/12/21	
Sodium Absorption Ratio	**0.238**		1	08/13/21	08/13/21	
Boron-Hot Water Soluble by EPA 6010C	mg/L	mg/L	Analyst: AC			Batch: 2134017
Boron	ND	2.00	1	08/18/21	08/18/21	

Sample Data

Logos Resources	Project Name:	Bondad 33 9 22A	
2010 Afton Place	Project Number:	12035-0114	**Reported:**
Farmington NM, 87401	Project Manager:	Darren Rowley	8/20/2021 10:55:42AM

SB-2 grab sample westside

E108018-02

Analyte	Result	MDL	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Hexavalent Chromium (Cr6+) by EPA 7196A/3060A	mg/kg	mg/kg	mg/kg	Analyst: RKS			Batch: 2134016
Chromium (VI)	**0.720**	**0.300**	0.500	1	08/18/21	08/19/21	
Volatile Organic Compounds by EPA 8260B	mg/kg		mg/kg	Analyst: IY			Batch: 2133010
Benzene	ND		0.0250	1	08/10/21	08/18/21	
Ethylbenzene	ND		0.0250	1	08/10/21	08/18/21	
1-Methylnaphthalene	ND		0.200	1	08/10/21	08/18/21	
2-Methylnaphthalene	ND		0.200	1	08/10/21	08/18/21	
Naphthalene	ND		0.100	1	08/10/21	08/18/21	
1,2,4-Trimethylbenzene	ND		0.100	1	08/10/21	08/18/21	
1,3,5-Trimethylbenzene	ND		0.0250	1	08/10/21	08/18/21	
Toluene	ND		0.0250	1	08/10/21	08/18/21	
o-Xylene	ND		0.0250	1	08/10/21	08/18/21	
p,m-Xylene	ND		0.0500	1	08/10/21	08/18/21	
Total Xylenes	ND		0.0250	1	08/10/21	08/18/21	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*		*08/10/21*	*08/18/21*	
Surrogate: 1,2-Dichloroethane-d4		*94.3 %*	*70-130*		*08/10/21*	*08/18/21*	
Surrogate: Toluene-d8		*101 %*	*70-130*		*08/10/21*	*08/18/21*	
Wet Chemistry by 9050A/2510B	uS/cm		uS/cm	Analyst: RAS			Batch: 2133035
Specific Conductance (@ 25 C)	**136**		10.0	1	08/13/21	08/13/21	
Wet Chemistry by EPA 9045D	pH Units		pH Units	Analyst: RAS			Batch: 2134014
pH @25°C	**8.14**			1	08/18/21	08/18/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg		mg/kg	Analyst: IY			Batch: 2133010
Gasoline Range Organics (C6-C10)	ND		20.0	1	08/10/21	08/18/21	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*		*08/10/21*	*08/18/21*	
Surrogate: 1,2-Dichloroethane-d4		*94.3 %*	*70-130*		*08/10/21*	*08/18/21*	
Surrogate: Toluene-d8		*101 %*	*70-130*		*08/10/21*	*08/18/21*	

Sample Data

Logos Resources	Project Name:	Bondad 33 9 22A	
2010 Afton Place	Project Number:	12035-0114	**Reported:**
Farmington NM, 87401	Project Manager:	Darren Rowley	8/20/2021 10:55:42AM

SB-2 grab sample westside

E108018-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2133018
Diesel Range Organics (C10-C28)	**236**	25.0	1	08/11/21	08/11/21	
Oil Range Organics (C28-C36)	**515**	50.0	1	08/11/21	08/11/21	
Surrogate: n-Nonane		*103 %*	*50-200*	*08/11/21*	*08/11/21*	
Total Metals by EPA 6010C	mg/kg	mg/kg	Analyst: AC			Batch: 2133033
Arsenic	**2.35**	0.500	1	08/16/21	08/16/21	
Barium	**340**	6.25	1	08/16/21	08/16/21	
Cadmium	ND	0.250	1	08/16/21	08/16/21	
Copper	**6.62**	0.500	1	08/16/21	08/16/21	
Lead	**6.42**	0.250	1	08/16/21	08/16/21	
Nickel	**8.33**	1.25	1	08/16/21	08/16/21	
Selenium	ND	1.25	1	08/16/21	08/16/21	
Silver	ND	0.250	1	08/16/21	08/16/21	
Zinc	**43.2**	2.50	1	08/16/21	08/16/21	
Soil Paste (SP) Leaching Procedure	mg/L	mg/L	Analyst: AC			Batch: 2133031
Calcium	**74.9**	1.00	1	08/12/21	08/12/21	
Magnesium	**19.5**	1.00	1	08/12/21	08/12/21	
Sodium	**10.5**	2.00	1	08/12/21	08/12/21	
Sodium Absorption Ratio	**0.278**		1	08/13/21	08/13/21	
Boron-Hot Water Soluble by EPA 6010C	mg/L	mg/L	Analyst: AC			Batch: 2134017
Boron	ND	2.00	1	08/18/21	08/18/21	

Sample Data

Logos Resources	Project Name:	Bondad 33 9 22A	
2010 Afton Place	Project Number:	12035-0114	**Reported:**
Farmington NM, 87401	Project Manager:	Darren Rowley	8/20/2021 10:55:42AM

background sample

E108018-03

Analyte	Result	MDL	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Hexavalent Chromium (Cr6+) by EPA 7196A/3060A	mg/kg	mg/kg	mg/kg	Analyst: RKS			Batch: 2134016
Chromium (VI)	**3.74**	**0.300**	0.500	1	08/18/21	08/19/21	
Volatile Organic Compounds by EPA 8260B	mg/kg		mg/kg	Analyst: IY			Batch: 2133010
Benzene	ND		0.0250	1	08/10/21	08/18/21	
Ethylbenzene	ND		0.0250	1	08/10/21	08/18/21	
1-Methylnaphthalene	ND		0.200	1	08/10/21	08/18/21	
2-Methylnaphthalene	ND		0.200	1	08/10/21	08/18/21	
Naphthalene	ND		0.100	1	08/10/21	08/18/21	
1,2,4-Trimethylbenzene	ND		0.100	1	08/10/21	08/18/21	
1,3,5-Trimethylbenzene	ND		0.0250	1	08/10/21	08/18/21	
Toluene	ND		0.0250	1	08/10/21	08/18/21	
o-Xylene	ND		0.0250	1	08/10/21	08/18/21	
p,m-Xylene	ND		0.0500	1	08/10/21	08/18/21	
Total Xylenes	ND		0.0250	1	08/10/21	08/18/21	
Surrogate: Bromofluorobenzene		*99.3 %*	*70-130*		*08/10/21*	*08/18/21*	
Surrogate: 1,2-Dichloroethane-d4		*93.0 %*	*70-130*		*08/10/21*	*08/18/21*	
Surrogate: Toluene-d8		*98.8 %*	*70-130*		*08/10/21*	*08/18/21*	
Wet Chemistry by 9050A/2510B	uS/cm		uS/cm	Analyst: RAS			Batch: 2133035
Specific Conductance (@ 25 C)	**848**		10.0	1	08/13/21	08/13/21	
Wet Chemistry by EPA 9045D	pH Units		pH Units	Analyst: RAS			Batch: 2134014
pH @25°C	**7.50**			1	08/18/21	08/18/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg		mg/kg	Analyst: IY			Batch: 2133010
Gasoline Range Organics (C6-C10)	ND		20.0	1	08/10/21	08/18/21	
Surrogate: Bromofluorobenzene		*99.3 %*	*70-130*		*08/10/21*	*08/18/21*	
Surrogate: 1,2-Dichloroethane-d4		*93.0 %*	*70-130*		*08/10/21*	*08/18/21*	
Surrogate: Toluene-d8		*98.8 %*	*70-130*		*08/10/21*	*08/18/21*	

Sample Data

Logos Resources	Project Name:	Bondad 33 9 22A	
2010 Afton Place	Project Number:	12035-0114	**Reported:**
Farmington NM, 87401	Project Manager:	Darren Rowley	8/20/2021 10:55:42AM

background sample

E108018-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2133018
Diesel Range Organics (C10-C28)	ND	25.0	1	08/11/21	08/11/21	
Oil Range Organics (C28-C36)	ND	50.0	1	08/11/21	08/11/21	
Surrogate: n-Nonane	*96.5 %*	*50-200*		*08/11/21*	*08/11/21*	
Total Metals by EPA 6010C	mg/kg	mg/kg	Analyst: AC			Batch: 2133033
Arsenic	**2.92**	0.500	1	08/16/21	08/16/21	
Barium	**668**	6.25	1	08/16/21	08/16/21	
Cadmium	ND	0.250	1	08/16/21	08/16/21	
Copper	**7.90**	0.500	1	08/16/21	08/16/21	
Lead	**10.5**	0.250	1	08/16/21	08/16/21	
Nickel	**9.13**	1.25	1	08/16/21	08/16/21	
Selenium	ND	1.25	1	08/16/21	08/16/21	
Silver	ND	0.250	1	08/16/21	08/16/21	
Zinc	**51.0**	2.50	1	08/16/21	08/16/21	
Soil Paste (SP) Leaching Procedure	mg/L	mg/L	Analyst: AC			Batch: 2133031
Calcium	**55.2**	1.00	1	08/12/21	08/12/21	
Magnesium	**6.69**	1.00	1	08/12/21	08/12/21	
Sodium	**14.7**	2.00	1	08/12/21	08/12/21	
Sodium Absorption Ratio	**0.496**		1	08/13/21	08/13/21	
Boron-Hot Water Soluble by EPA 6010C	mg/L	mg/L	Analyst: AC			Batch: 2134017
Boron	ND	2.00	1	08/18/21	08/18/21	

QC Summary Data

Logos Resources	Project Name:	Bondad 33 9 22A	**Reported:**
2010 Afton Place	Project Number:	12035-0114	
Farmington NM, 87401	Project Manager:	Darren Rowley	8/20/2021 10:55:42AM

Hexavalent Chromium (Cr6+) by EPA 7196A/3060A

Analyst: RKS

Analyte	Result	MDL	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2134016-BLK1)										Prepared: 08/18/21 Analyzed: 08/19/21
Chromium (VI)	ND	0.300	0.500							
LCS (2134016-BS1)										Prepared: 08/18/21 Analyzed: 08/19/21
Chromium (VI)	6.34	0.300	0.500	6.00		106	80-120			
LCS Dup (2134016-BSD1)										Prepared: 08/18/21 Analyzed: 08/19/21
Chromium (VI)	5.74	0.300	0.500	6.00		95.7	80-120	9.93	20	
Matrix Spike (2134016-MS1)							**Source: E108018-01**			Prepared: 08/18/21 Analyzed: 08/19/21
Chromium (VI)	1.18	0.300	0.500	6.00	0.820	6.00	70-130			M3

QC Summary Data

Logos Resources	Project Name:	Bondad 33 9 22A	**Reported:**
2010 Afton Place	Project Number:	12035-0114	
Farmington NM, 87401	Project Manager:	Darren Rowley	8/20/2021 10:55:42AM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2133010-BLK1)									Prepared: 08/10/21 Analyzed: 08/18/21
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
1-Methylnaphthalene	ND	0.200							
2-Methylnaphthalene	ND	0.200							
Naphthalene	ND	0.100							
1,2,4-Trimethylbenzene	ND	0.100							
1,3,5-Trimethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	*0.490*		*0.500*		*98.0*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.466*		*0.500*		*93.1*	*70-130*			
Surrogate: Toluene-d8	*0.493*		*0.500*		*98.6*	*70-130*			
LCS (2133010-BS1)									Prepared: 08/10/21 Analyzed: 08/18/21
Benzene	2.72	0.0250	2.50		109	70-130			
Ethylbenzene	2.83	0.0250	2.50		113	70-130			
1-Methylnaphthalene	2.61	0.200	2.50		105	43-162			
2-Methylnaphthalene	2.39	0.200	2.50		95.5	50-159			
Naphthalene	2.57	0.100	2.50		103	70-132			
1,2,4-Trimethylbenzene	2.68	0.100	2.50		107	70-130			
1,3,5-Trimethylbenzene	2.63	0.0250	2.50		105	70-130			
Toluene	2.80	0.0250	2.50		112	70-130			
o-Xylene	2.67	0.0250	2.50		107	70-130			
p,m-Xylene	5.51	0.0500	5.00		110	70-130			
Total Xylenes	8.18	0.0250	7.50		109	70-130			
Surrogate: Bromofluorobenzene	*0.501*		*0.500*		*100*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.510*		*0.500*		*102*	*70-130*			
Surrogate: Toluene-d8	*0.502*		*0.500*		*100*	*70-130*			
Matrix Spike (2133010-MS1)				**Source: E108018-01**					Prepared: 08/10/21 Analyzed: 08/18/21
Benzene	2.72	0.0250	2.50	ND	109	48-131			
Ethylbenzene	2.78	0.0250	2.50	ND	111	45-135			
1-Methylnaphthalene	2.58	0.200	2.50	ND	103	35-173			
2-Methylnaphthalene	2.39	0.200	2.50	ND	95.6	33-175			
Naphthalene	2.55	0.100	2.50	ND	102	18-145			
1,2,4-Trimethylbenzene	2.67	0.100	2.50	ND	107	33-139			
1,3,5-Trimethylbenzene	2.56	0.0250	2.50	ND	102	37-138			
Toluene	2.75	0.0250	2.50	ND	110	48-130			
o-Xylene	2.63	0.0250	2.50	ND	105	43-135			
p,m-Xylene	5.41	0.0500	5.00	ND	108	43-135			
Total Xylenes	8.04	0.0250	7.50	ND	107	43-135			
Surrogate: Bromofluorobenzene	*0.490*		*0.500*		*98.0*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.495*		*0.500*		*98.9*	*70-130*			
Surrogate: Toluene-d8	*0.493*		*0.500*		*98.6*	*70-130*			
Matrix Spike Dup (2133010-MSD1)				**Source: E108018-01**					Prepared: 08/10/21 Analyzed: 08/18/21
Benzene	2.69	0.0250	2.50	ND	108	48-131	0.795	23	
Ethylbenzene	2.84	0.0250	2.50	ND	114	45-135	2.24	27	
1-Methylnaphthalene	2.63	0.200	2.50	ND	105	35-173	1.88	35	

QC Summary Data

Logos Resources	Project Name:	Bondad 33 9 22A	**Reported:**
2010 Afton Place	Project Number:	12035-0114	
Farmington NM, 87401	Project Manager:	Darren Rowley	8/20/2021 10:55:42AM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Matrix Spike Dup (2133010-MSD1)				**Source: E108018-01**	Prepared: 08/10/21	Analyzed: 08/18/21			
2-Methylnaphthalene	2.44	0.200	2.50	ND	97.5	33-175	2.01	35	
Naphthalene	2.54	0.100	2.50	ND	101	18-145	0.452	34	
1,2,4-Trimethylbenzene	2.59	0.100	2.50	ND	104	33-139	2.79	31	
1,3,5-Trimethylbenzene	2.54	0.0250	2.50	ND	102	37-138	0.529	31	
Toluene	2.85	0.0250	2.50	ND	114	48-130	3.64	24	
o-Xylene	2.67	0.0250	2.50	ND	107	43-135	1.49	27	
p,m-Xylene	5.53	0.0500	5.00	ND	111	43-135	2.21	27	
Total Xylenes	8.20	0.0250	7.50	ND	109	43-135	1.98	27	
Surrogate: Bromofluorobenzene	*0.493*		*0.500*		*98.6*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.490*		*0.500*		*97.9*	*70-130*			
Surrogate: Toluene-d8	*0.502*		*0.500*		*100*	*70-130*			

QC Summary Data

Logos Resources	Project Name:	Bondad 33 9 22A	**Reported:**
2010 Afton Place	Project Number:	12035-0114	
Farmington NM, 87401	Project Manager:	Darren Rowley	8/20/2021 10:55:42AM

Wet Chemistry by 9050A/2510B

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	uS/cm	uS/cm	uS/cm	uS/cm	%	%	%	%	
Blank (2133035-BLK1)								Prepared: 08/13/21 Analyzed: 08/13/21	
Specific Conductance (@ 25 C)	ND	10.0							
LCS (2133035-BS1)								Prepared: 08/13/21 Analyzed: 08/13/21	
Specific Conductance (@ 25 C)	1430	10.0	1410		101	98-102			
Duplicate (2133035-DUP1)				**Source: E108030-01**				Prepared: 08/13/21 Analyzed: 08/13/21	
Specific Conductance (@ 25 C)	184	10.0		187			1.57	20	

QC Summary Data

Logos Resources	Project Name:	Bondad 33 9 22A	**Reported:**
2010 Afton Place	Project Number:	12035-0114	
Farmington NM, 87401	Project Manager:	Darren Rowley	8/20/2021 10:55:42AM

Wet Chemistry by EPA 9045D

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	pH Units	pH Units	pH Units	pH Units	%	%	%	%	
LCS (2134014-BS1)								Prepared: 08/18/21 Analyzed: 08/18/21	
pH	8.00		8.00		100	98.75-101.25			
Duplicate (2134014-DUP1)				**Source: E108050-01**				Prepared: 08/18/21 Analyzed: 08/18/21	
pH	6.36			6.36			0.00	20	

QC Summary Data

Logos Resources	Project Name:	Bondad 33 9 22A	**Reported:**
2010 Afton Place	Project Number:	12035-0114	
Farmington NM, 87401	Project Manager:	Darren Rowley	8/20/2021 10:55:42AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2133010-BLK1)									Prepared: 08/10/21 Analyzed: 08/18/21
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.490*		*0.500*		*98.0*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.466*		*0.500*		*93.1*	*70-130*			
Surrogate: Toluene-d8	*0.493*		*0.500*		*98.6*	*70-130*			
LCS (2133010-BS2)									Prepared: 08/10/21 Analyzed: 08/18/21
Gasoline Range Organics (C6-C10)	47.7	20.0	50.0		95.4	70-130			
Surrogate: Bromofluorobenzene	*0.492*		*0.500*		*98.3*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.506*		*0.500*		*101*	*70-130*			
Surrogate: Toluene-d8	*0.500*		*0.500*		*100*	*70-130*			
Matrix Spike (2133010-MS2)				**Source: E108018-01**					Prepared: 08/10/21 Analyzed: 08/18/21
Gasoline Range Organics (C6-C10)	53.0	20.0	50.0	ND	106	70-130			
Surrogate: Bromofluorobenzene	*0.488*		*0.500*		*97.6*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.496*		*0.500*		*99.1*	*70-130*			
Surrogate: Toluene-d8	*0.509*		*0.500*		*102*	*70-130*			
Matrix Spike Dup (2133010-MSD2)				**Source: E108018-01**					Prepared: 08/10/21 Analyzed: 08/18/21
Gasoline Range Organics (C6-C10)	52.7	20.0	50.0	ND	105	70-130	0.516	20	
Surrogate: Bromofluorobenzene	*0.489*		*0.500*		*97.8*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.506*		*0.500*		*101*	*70-130*			
Surrogate: Toluene-d8	*0.501*		*0.500*		*100*	*70-130*			

QC Summary Data

Logos Resources	Project Name:	Bondad 33 9 22A	**Reported:**
2010 Afton Place	Project Number:	12035-0114	
Farmington NM, 87401	Project Manager:	Darren Rowley	8/20/2021 10:55:42AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2133018-BLK1)									Prepared: 08/11/21 Analyzed: 08/11/21
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*45.6*		*50.0*		*91.1*	*50-200*			
LCS (2133018-BS1)									Prepared: 08/11/21 Analyzed: 08/11/21
Diesel Range Organics (C10-C28)	389	25.0	500		77.7	38-132			
Surrogate: n-Nonane	*41.1*		*50.0*		*82.1*	*50-200*			
Matrix Spike (2133018-MS1)									**Source: E108015-08** Prepared: 08/11/21 Analyzed: 08/11/21
Diesel Range Organics (C10-C28)	804	25.0	500	333	94.3	38-132			
Surrogate: n-Nonane	*49.1*		*50.0*		*98.1*	*50-200*			
Matrix Spike Dup (2133018-MSD1)									**Source: E108015-08** Prepared: 08/11/21 Analyzed: 08/11/21
Diesel Range Organics (C10-C28)	804	25.0	500	333	94.2	38-132	0.0712	20	
Surrogate: n-Nonane	*46.6*		*50.0*		*93.1*	*50-200*			

QC Summary Data

Logos Resources	Project Name:	Bondad 33 9 22A	**Reported:**
2010 Afton Place	Project Number:	12035-0114	
Farmington NM, 87401	Project Manager:	Darren Rowley	8/20/2021 10:55:42AM

Total Metals by EPA 6010C

Analyst: AC

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2133033-BLK1)								Prepared: 08/16/21 Analyzed: 08/16/21	
Arsenic	ND	0.500							
Barium	ND	6.25							
Cadmium	ND	0.250							
Copper	ND	0.500							
Lead	ND	0.250							
Nickel	ND	1.25							
Selenium	ND	1.25							
Silver	ND	0.250							
Zinc	ND	2.50							
LCS (2133033-BS1)								Prepared: 08/16/21 Analyzed: 08/16/21	
Arsenic	12.6	0.500	12.5		101	80-120			
Barium	319	6.25	313		102	80-120			
Cadmium	6.28	0.250	6.25		100	80-120			
Copper	12.4	0.500	12.5		99.2	80-120			
Lead	6.09	0.250	6.25		97.4	80-120			
Nickel	32.3	1.25	31.3		103	80-120			
Selenium	32.3	1.25	31.3		103	80-120			
Silver	2.50	0.250	2.50		99.8	80-120			
Zinc	64.1	2.50	62.5		102	80-120			
LCS Dup (2133033-BSD1)								Prepared: 08/16/21 Analyzed: 08/16/21	
Arsenic	12.6	0.500	12.5		101	80-120	0.0795	20	
Barium	320	6.25	313		102	80-120	0.235	20	
Cadmium	6.29	0.250	6.25		101	80-120	0.0796	20	
Copper	12.5	0.500	12.5		99.8	80-120	0.643	20	
Lead	6.11	0.250	6.25		97.8	80-120	0.451	20	
Nickel	32.3	1.25	31.3		103	80-120	0.0774	20	
Selenium	32.3	1.25	31.3		103	80-120	0.00	20	
Silver	2.53	0.250	2.50		101	80-120	1.20	20	
Zinc	64.2	2.50	62.5		103	80-120	0.156	20	

QC Summary Data

Logos Resources	Project Name:	Bondad 33 9 22A	**Reported:**
2010 Afton Place	Project Number:	12035-0114	
Farmington NM, 87401	Project Manager:	Darren Rowley	8/20/2021 10:55:42AM

Soil Paste (SP) Leaching Procedure

Analyst: AC

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/L	mg/L	mg/L	mg/L	%	%	%	%	
Blank (2133031-BLK1)									Prepared: 08/12/21 Analyzed: 08/12/21
Calcium	ND	1.00							
Magnesium	ND	1.00							
Sodium	ND	2.00							
LCS (2133031-BS1)									Prepared: 08/12/21 Analyzed: 08/12/21
Calcium	51.8	1.00	50.0		104	80-120			
Magnesium	50.7	1.00	50.0		101	80-120			
Sodium	18.9	2.00	20.0		94.6	80-120			
LCS Dup (2133031-BSD1)									Prepared: 08/12/21 Analyzed: 08/12/21
Calcium	51.6	1.00	50.0		103	80-120	0.464	20	
Magnesium	50.9	1.00	50.0		102	80-120	0.276	20	
Sodium	19.0	2.00	20.0		94.9	80-120	0.317	20	

QC Summary Data

Logos Resources	Project Name:	Bondad 33 9 22A	**Reported:**
2010 Afton Place	Project Number:	12035-0114	
Farmington NM, 87401	Project Manager:	Darren Rowley	8/20/2021 10:55:42AM

Boron-Hot Water Soluble by EPA 6010C

Analyst: AC

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/L	mg/L	mg/L	mg/L	%	%	%	%	
Blank (2134017-BLK1)									Prepared: 08/18/21 Analyzed: 08/18/21
Boron	ND	2.00							
LCS (2134017-BS1)									Prepared: 08/18/21 Analyzed: 08/18/21
Boron	53.1	2.00	50.0		106	80-120			
Matrix Spike (2134017-MS1)									**Source: E108018-03** Prepared: 08/18/21 Analyzed: 08/18/21
Boron	56.1	2.00	50.0	ND	112	75-125			
Matrix Spike Dup (2134017-MSD1)									**Source: E108018-03** Prepared: 08/18/21 Analyzed: 08/18/21
Boron	55.1	2.00	50.0	ND	110	75-125	1.80	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Definitions and Notes

Logos Resources	Project Name:	Bondad 33 9 22A	
2010 Afton Place	Project Number:	12035-0114	**Reported:**
Farmington NM, 87401	Project Manager:	Darren Rowley	08/20/21 10:55

M3	Matrix spike recovery was outside quality control limits due to matrix interference. The associated LCS spike recovery was acceptable.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Project Information | Chain of Custody | Page 1 of 1

Client:	LOGOS Resources II, LLC
Project:	Bondad 33 9 22A
Project Manager:	Darren Rowley
Address:	2010 Afton Place
City, State, Zip	Farmington, NM 87401
Phone:	505-947-4974
Email:	drowley@logosresourcesllc.com
Report due by:	

Bill To

Darren Rowley	
Address:	2010 Afton Place
City, State, Zip	Farmington NM 87401
Phone:	505-947-4974
Email:	mflorez@logosresourcesllc.com, etrujillo@logosresourcesllc.com

Lab Use Only

Lab WO# P108018 Job Number 12035-0114

RAS 8/10/21

TAT: 1D | 3D

EPA Program: RCRA | CWA | SDWA

State: NM | CO | UT | AZ | TX | OK

Analysis and Method

Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	915-1 Table	Remarks
7:00	8/10/2021	S	1-4oz jar	SB-1 grab sample westside	1							X	
7:00	8/10/2021	S	1-4oz jar	SB-2 grab sample eastside	2							X	
7:00	8/10/2021	S	2-4oz jar	background sample	3							X	

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: MARCE FLOREZ

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Marce Florez	8/10/21	10:02	Raina Schwanz	8/10/21	10:02
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only

Received on ice: (Y) / N

T1 _____ T2 _____ T3 _____

AVG Temp °C 4

Sample Matrix: **S** - Soil, **Sd** - Solid, **Sg** - Sludge, **A** - Aqueous, **O** - Other _____

Container Type: **g** - glass, **p** - poly/plastic, **ag** - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

envirotech Analytical Laboratory
5796 US Highway 64, Farmington, NM 87401
Ph (505) 632-1881 Fx (505) 632-1865
24 Hour Emergency Response Phone (800) 362-1879
envirotech-inc.com
labadmin@envirotech-inc.com

Envirotech Analytical Laboratory

Printed: 8/10/2021 10:43:51AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Logos Resources	Date Received:	08/10/21 10:02	Work Order ID:	E108018
Phone:	(505) 947-4974	Date Logged In:	08/10/21 10:24	Logged In By:	Raina Schwanz
Email:	drowley@logosresourcesllc.com	Due Date:	08/24/21 17:00 (10 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Marie Florez
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes	

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

14. Are aqueous VOC samples present?	No	
15. Are VOC samples collected in VOA Vials?	NA	
16. Is the head space less than 6-8 mm (pea sized or less)?	NA	
17. Was a trip blank (TB) included for VOC analyses?	NA	
18. Are non-VOC samples collected in the correct containers?	Yes	
19. Is the appropriate volume/weight or number of sample containers collected?	No	

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	No	
Collectors name?	No	

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	Yes	
29. Was a subcontract laboratory specified by the client and if so who?	No	Subcontract Lab: Pace Analytical

Comments/Resolution

Lab split up sample 1 & 2 into a 2oz jar to ship for PAH SIM 8270.

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

ANALYTICAL REPORT

August 19, 2021

EnviroTech- NM

Sample Delivery Group:	L1389208
Samples Received:	08/11/2021
Project Number:	12035-0114
Description:	Bondad 33 9 22A
Site:	E108018
Report To:	Raina Schwanz 5796 US. Highway 64 Farmington, NM 87401

Entire Report Reviewed By:

Jordan N Zito
Project Manager

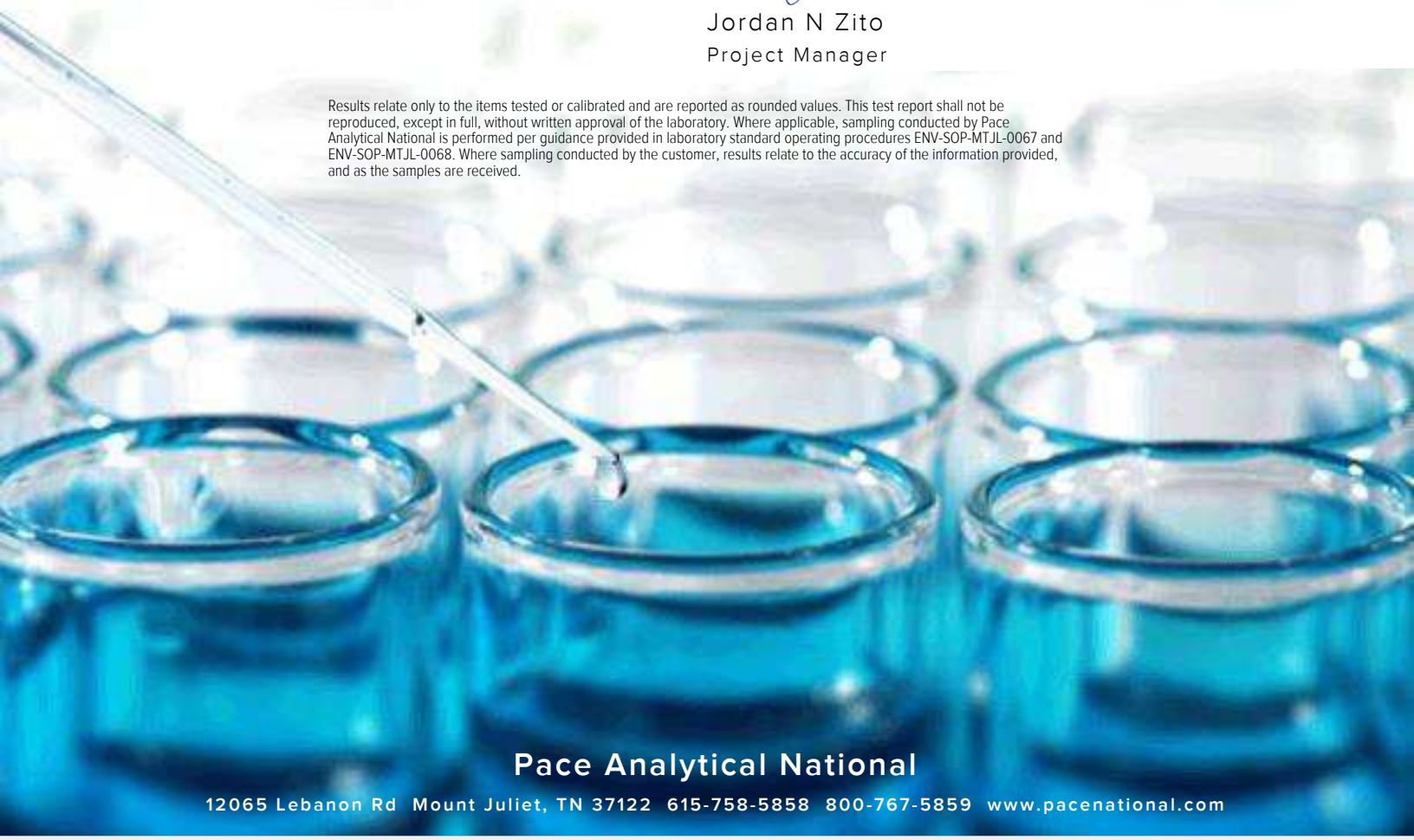

TABLE OF CONTENTS

SB-1 GRAB SAMPLE WESTSIDE L1389208-01 Solid

Collected by: M. Florez | Collected date/time: 08/10/21 07:00 | Received date/time: 08/11/21 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1725408	1	08/18/21 20:36	08/19/21 01:34	AMG	Mt. Juliet, TN

SB-1 GRAB SAMPLE EASTSIDE L1389208-02 Solid

Collected by: M. Florez | Collected date/time: 08/10/21 07:00 | Received date/time: 08/11/21 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1725408	1	08/18/21 20:36	08/19/21 01:54	AMG	Mt. Juliet, TN

BACKGROUND SAMPLE L1389208-03 Solid

Collected by: M. Florez | Collected date/time: 08/10/21 07:00 | Received date/time: 08/11/21 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1725408	1	08/18/21 20:36	08/19/21 02:14	AMG	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Jordan N Zito
Project Manager

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	08/19/2021 01:34	WG1725408
Acenaphthene	ND		0.00600	1	08/19/2021 01:34	WG1725408
Acenaphthylene	ND		0.00600	1	08/19/2021 01:34	WG1725408
Benzo(a)anthracene	ND		0.00600	1	08/19/2021 01:34	WG1725408
Benzo(a)pyrene	ND		0.00600	1	08/19/2021 01:34	WG1725408
Benzo(b)fluoranthene	ND		0.00600	1	08/19/2021 01:34	WG1725408
Benzo(g,h,i)perylene	ND		0.00600	1	08/19/2021 01:34	WG1725408
Benzo(k)fluoranthene	ND		0.00600	1	08/19/2021 01:34	WG1725408
Chrysene	ND		0.00600	1	08/19/2021 01:34	WG1725408
Dibenz(a,h)anthracene	ND		0.00600	1	08/19/2021 01:34	WG1725408
Fluoranthene	ND		0.00600	1	08/19/2021 01:34	WG1725408
Fluorene	ND		0.00600	1	08/19/2021 01:34	WG1725408
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	08/19/2021 01:34	WG1725408
Naphthalene	ND		0.0200	1	08/19/2021 01:34	WG1725408
Phenanthrene	ND		0.00600	1	08/19/2021 01:34	WG1725408
Pyrene	ND		0.00600	1	08/19/2021 01:34	WG1725408
1-Methylnaphthalene	ND		0.0200	1	08/19/2021 01:34	WG1725408
2-Methylnaphthalene	ND		0.0200	1	08/19/2021 01:34	WG1725408
2-Chloronaphthalene	ND		0.0200	1	08/19/2021 01:34	WG1725408
(S) p-Terphenyl-d14	*64.6*		*23.0-120*		*08/19/2021 01:34*	WG1725408
(S) Nitrobenzene-d5	*54.5*		*14.0-149*		*08/19/2021 01:34*	WG1725408
(S) 2-Fluorobiphenyl	*59.0*		*34.0-125*		*08/19/2021 01:34*	WG1725408

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	08/19/2021 01:54	WG1725408
Acenaphthene	ND		0.00600	1	08/19/2021 01:54	WG1725408
Acenaphthylene	ND		0.00600	1	08/19/2021 01:54	WG1725408
Benzo(a)anthracene	ND		0.00600	1	08/19/2021 01:54	WG1725408
Benzo(a)pyrene	ND		0.00600	1	08/19/2021 01:54	WG1725408
Benzo(b)fluoranthene	ND		0.00600	1	08/19/2021 01:54	WG1725408
Benzo(g,h,i)perylene	ND		0.00600	1	08/19/2021 01:54	WG1725408
Benzo(k)fluoranthene	ND		0.00600	1	08/19/2021 01:54	WG1725408
Chrysene	ND		0.00600	1	08/19/2021 01:54	WG1725408
Dibenz(a,h)anthracene	ND		0.00600	1	08/19/2021 01:54	WG1725408
Fluoranthene	ND		0.00600	1	08/19/2021 01:54	WG1725408
Fluorene	ND		0.00600	1	08/19/2021 01:54	WG1725408
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	08/19/2021 01:54	WG1725408
Naphthalene	ND		0.0200	1	08/19/2021 01:54	WG1725408
Phenanthrene	ND		0.00600	1	08/19/2021 01:54	WG1725408
Pyrene	ND		0.00600	1	08/19/2021 01:54	WG1725408
1-Methylnaphthalene	ND		0.0200	1	08/19/2021 01:54	WG1725408
2-Methylnaphthalene	ND		0.0200	1	08/19/2021 01:54	WG1725408
2-Chloronaphthalene	ND		0.0200	1	08/19/2021 01:54	WG1725408
(S) p-Terphenyl-d14	*94.2*		*23.0-120*		*08/19/2021 01:54*	WG1725408
(S) Nitrobenzene-d5	*76.0*		*14.0-149*		*08/19/2021 01:54*	WG1725408
(S) 2-Fluorobiphenyl	*83.7*		*34.0-125*		*08/19/2021 01:54*	WG1725408

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	08/19/2021 02:14	WG1725408
Acenaphthene	ND		0.00600	1	08/19/2021 02:14	WG1725408
Acenaphthylene	ND		0.00600	1	08/19/2021 02:14	WG1725408
Benzo(a)anthracene	ND		0.00600	1	08/19/2021 02:14	WG1725408
Benzo(a)pyrene	ND		0.00600	1	08/19/2021 02:14	WG1725408
Benzo(b)fluoranthene	ND		0.00600	1	08/19/2021 02:14	WG1725408
Benzo(g,h,i)perylene	ND		0.00600	1	08/19/2021 02:14	WG1725408
Benzo(k)fluoranthene	ND		0.00600	1	08/19/2021 02:14	WG1725408
Chrysene	ND		0.00600	1	08/19/2021 02:14	WG1725408
Dibenz(a,h)anthracene	ND		0.00600	1	08/19/2021 02:14	WG1725408
Fluoranthene	ND		0.00600	1	08/19/2021 02:14	WG1725408
Fluorene	ND		0.00600	1	08/19/2021 02:14	WG1725408
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	08/19/2021 02:14	WG1725408
Naphthalene	ND		0.0200	1	08/19/2021 02:14	WG1725408
Phenanthrene	ND		0.00600	1	08/19/2021 02:14	WG1725408
Pyrene	ND		0.00600	1	08/19/2021 02:14	WG1725408
1-Methylnaphthalene	ND		0.0200	1	08/19/2021 02:14	WG1725408
2-Methylnaphthalene	ND		0.0200	1	08/19/2021 02:14	WG1725408
2-Chloronaphthalene	ND		0.0200	1	08/19/2021 02:14	WG1725408
(S) p-Terphenyl-d14	*101*		*23.0-120*		*08/19/2021 02:14*	WG1725408
(S) Nitrobenzene-d5	*79.2*		*14.0-149*		*08/19/2021 02:14*	WG1725408
(S) 2-Fluorobiphenyl	*83.2*		*34.0-125*		*08/19/2021 02:14*	WG1725408

Method Blank (MB)

(MB) R3693898-2 08/19/21 00:14

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Anthracene	U		0.00230	0.00600
Acenaphthene	U		0.00209	0.00600
Acenaphthylene	U		0.00216	0.00600
Benzo(a)anthracene	U		0.00173	0.00600
Benzo(a)pyrene	U		0.00179	0.00600
Benzo(b)fluoranthene	U		0.00153	0.00600
Benzo(g,h,i)perylene	U		0.00177	0.00600
Benzo(k)fluoranthene	U		0.00215	0.00600
Chrysene	U		0.00232	0.00600
Dibenz(a,h)anthracene	U		0.00172	0.00600
Fluoranthene	U		0.00227	0.00600
Fluorene	U		0.00205	0.00600
Indeno(1,2,3-cd)pyrene	U		0.00181	0.00600
Naphthalene	U		0.00408	0.0200
Phenanthrene	U		0.00231	0.00600
Pyrene	U		0.00200	0.00600
1-Methylnaphthalene	U		0.00449	0.0200
2-Methylnaphthalene	U		0.00427	0.0200
2-Chloronaphthalene	U		0.00466	0.0200
(S) Nitrobenzene-d5	*68.2*			*14.0-149*
(S) 2-Fluorobiphenyl	*76.3*			*34.0-125*
(S) p-Terphenyl-d14	*92.0*			*23.0-120*

Laboratory Control Sample (LCS)

(LCS) R3693898-1 08/18/21 23:54

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Anthracene	0.0800	0.0708	88.5	50.0-126	
Acenaphthene	0.0800	0.0736	92.0	50.0-120	
Acenaphthylene	0.0800	0.0762	95.3	50.0-120	
Benzo(a)anthracene	0.0800	0.0707	88.4	45.0-120	
Benzo(a)pyrene	0.0800	0.0687	85.9	42.0-120	
Benzo(b)fluoranthene	0.0800	0.0807	101	42.0-121	
Benzo(g,h,i)perylene	0.0800	0.0764	95.5	45.0-125	
Benzo(k)fluoranthene	0.0800	0.0792	99.0	49.0-125	
Chrysene	0.0800	0.0772	96.5	49.0-122	
Dibenz(a,h)anthracene	0.0800	0.0726	90.8	47.0-125	
Fluoranthene	0.0800	0.0722	90.3	49.0-129	

Laboratory Control Sample (LCS)

(LCS) R3693898-1 08/18/21 23:54

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Fluorene	0.0800	0.0743	92.9	49.0-120	
Indeno(1,2,3-cd)pyrene	0.0800	0.0737	92.1	46.0-125	
Naphthalene	0.0800	0.0714	89.3	50.0-120	
Phenanthrene	0.0800	0.0718	89.8	47.0-120	
Pyrene	0.0800	0.0787	98.4	43.0-123	
1-Methylnaphthalene	0.0800	0.0726	90.8	51.0-121	
2-Methylnaphthalene	0.0800	0.0672	84.0	50.0-120	
2-Chloronaphthalene	0.0800	0.0712	89.0	50.0-120	
(S) Nitrobenzene-d5			*73.3*	*14.0-149*	
(S) 2-Fluorobiphenyl			*81.2*	*34.0-125*	
(S) p-Terphenyl-d14			*93.5*	*23.0-120*	

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
	The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

Envirotech Inc.
5796 US HWY 64
Farmington, NM 87401

Billing Information:
Envirotech Inc.
5796 US HWY 64
Farmington, NM 87401

Pres Chk

Report to: **Raina, Alexa & Alanna**

Email To: **rainaschwanz, labadmin@envirotech-inc.com**

Project Description: **Bondad 33 9 22A**

City/State Collected:

Phone: **505-632-1881**
Fax:

Client Project # **12035-0114**

Lab Project #

Collected by (print): **M. Florez**

Site/Facility ID # **E108018**

P.O. # **LAB**

Collected by (signature):

Immediately Packed on Ice N ____ Y ____ X

Rush? (Lab MUST Be Notified)
____ Same Day ____ Five Day
____ Next Day ____ 5 Day (Rad Only)
____ Two Day ____ 10 Day (Rad Only)
____ Three Day

Date Results Needed

Quote #

Analysis / Container / Preservative

Chain of Custody Page 1 of 1

Pace Analytical®
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L # L1389208

Table 1139

Acctnum:
Template:
Prelogin:
TSR:
PB:
Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	8270 PAH SIMS /4oz Glass Jar / None	8270 PAH SIMS /2oz Glass Jar / None	Remarks	Sample # (lab only)
SB-1 grab sample westside		SS		8/10/21	7:00	1		X		-01
SB-1 grab sample eastside		SS		8/10/21	7:00	1		X		02
Background sample		SS		8/10/21	7:00	1	X			03

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:
Please Complete enclosed ScSRC and return to labadmin@envirotech-inc.com

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier __ _____

Tracking # 5116 1234 3192

Sample Receipt Checklist
COC Seal Present/Intact: NP __Y __N
COC Signed/Accurate: Y __N
Bottles arrive intact: Y __N
Correct bottles used: Y __N
Sufficient volume sent: Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
Raina Schwanz	8/10/21	15:45		
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp 0.2 °C Bottles Received: 3
				3.9+.0=3.9
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 8/11/21 Time: 0930

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Envirotech Analytical Laboratory

Subcontract Sample Receipt Checklist (ScSRC)

L1389208

Instructions: Please document any potential abnormalities/nonconformities with the submitted samples. It is requested the subcontract lab scan this document and the COC and email/fax these two documents upon sample receipt. It is also requested the subcontract laboratory call Envirotech immediately with any abnormalites/nonfonformances that may impact the general quality of the requested sample analysis.

Envirotech WO ID: E108018 Date Shipped: 8/10/24
Envirotech SCO: Raina Schwanz Shipping Carrier: FedEx
Subcontract Lab Name: Pace Analytical State of Origin: _____ Envirotech Email: labadmin@envirotech-inc.com

	Yes	No	NA
State Certification Information			
1. Does the receiving laboratory hold the appropriate RCRA/CWA/SDWA state certification?	☐	☐	☐
Note: There are no RCRA/CWA state certification programs for the states of NM / CO			
2. Does the laboratory hold the certification for the requested method(s) of analysis?	☐	☐	☐
Chain of Custody (COC) Information			
3. Does the sample ID match the COC?	☐	☐	
4. Does the number of samples per sampling site location match the COC?	☐	☐	
5. Was the COC complete, i.e., signatures, dates/times, requested analyses?	☐	☐	
6. Were samples received within the method specified holding time	☐	☐	
Sample Turn Around Time (TAT) Information			
7. Did the COC indicate standard TAT, or expidited TAT?	☐	☐	
Standard 6-day TAT ☐ 24-hr rush ☐ 48-hr rush ☐ 72-hr rush ☐ other rush ☐ _____			
Sample Cooler Information			
8. Was the sample cooler received in good condition?	☐	☐	
9. Was the sample(s) received in tact, i.e., not broken?	☐	☐	
10. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C	☐	☐	
11. If no visible ice, record the temperature. Actual sample temperature: _____			
Sample Container Information			
12. Is the appropriate volume/weight or number of sample containers collected:	☐	☐	
Sample Preservation Information			
Does the COC or field labels indicate the samples were correctly preserved?	☐	☐	☐
Multiphase Sample Matrix Information			
Does the sample have more than one phase, i.e., multiphase?	☐	☐	
If so, does the COC specify which phase(s) is to be analyzed?	☐	☐	

Subcontract Laboratory Notes

Subcontract Laboratory Information

Subcontract Lab WO ID: _____ Phone No: _____ Email address: _____

_____
Signature of subcontract laboratory sample custodian

envirotech Inc.