

Report to:
Darren Rowley



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Practical Solutions for a Better Tomorrow

Analytical Report

Logos Resources

Project Name: Bondad 33-9#022A

Work Order: E204008

Job Number: 12035-0114

Received: 4/1/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/8/22

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
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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.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 4/8/22



Darren Rowley
2010 Afton Place
Farmington, NM 87401

Project Name: Bondad 33-9#022A
Workorder: E204008
Date Received: 4/1/2022 1:10:00PM

Darren Rowley,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/1/2022 1:10:00PM, under the Project Name: Bondad 33-9#022A.

The analytical test results summarized in this report with the Project Name: Bondad 33-9#022A 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 regarding 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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Sample Summary

Logos Resources
2010 Afton Place
Farmington NM, 87401

Project Name: Bondad 33-9#022A
Project Number: 12035-0114
Project Manager: Darren Rowley

Reported:
04/08/22 14:47

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SB # 1 West Wall N	E204008-01A	Soil	04/01/22	04/01/22	Glass Jar, 4 oz.
SB # 2 West Wall Middle	E204008-02A	Soil	04/01/22	04/01/22	Glass Jar, 4 oz.
SB # 3 West Wall West	E204008-03A	Soil	04/01/22	04/01/22	Glass Jar, 4 oz.
SB # 4 Base	E204008-04A	Soil	04/01/22	04/01/22	Glass Jar, 4 oz.



Sample Data

Logos Resources 2010 Afton Place Farmington NM, 87401	Project Name: Bondad 33-9#022A Project Number: 12035-0114 Project Manager: Darren Rowley	Reported: 4/8/2022 2:47:51PM
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SB # 1 West Wall N

E204008-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2215051
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/07/22	04/08/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.0 %	70-130	04/07/22	04/08/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: AK		Batch: 2215037
Diesel Range Organics (C10-C28)	ND	25.0	1	04/06/22	04/07/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/06/22	04/07/22	
<i>Surrogate: n-Nonane</i>		88.6 %	50-200	04/06/22	04/07/22	



Sample Data

Logos Resources
2010 Afton Place
Farmington NM, 87401

Project Name: Bondad 33-9#022A
Project Number: 12035-0114
Project Manager: Darren Rowley

Reported:
4/8/2022 2:47:51PM

SB # 2 West Wall Middle

E204008-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2215051
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/07/22	04/08/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.4 %	70-130	04/07/22	04/08/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2215037
Diesel Range Organics (C10-C28)	ND	25.0	1	04/06/22	04/07/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/06/22	04/07/22	
<i>Surrogate: n-Nonane</i>		92.5 %	50-200	04/06/22	04/07/22	



Sample Data

Logos Resources 2010 Afton Place Farmington NM, 87401	Project Name: Bondad 33-9#022A Project Number: 12035-0114 Project Manager: Darren Rowley	Reported: 4/8/2022 2:47:51PM
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SB # 3 West Wall West

E204008-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2215051
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/07/22	04/08/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.1 %	70-130	04/07/22	04/08/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: AK		Batch: 2215037
Diesel Range Organics (C10-C28)	ND	25.0	1	04/06/22	04/07/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/06/22	04/07/22	
<i>Surrogate: n-Nonane</i>		89.8 %	50-200	04/06/22	04/07/22	



Sample Data

Logos Resources 2010 Afton Place Farmington NM, 87401	Project Name: Bondad 33-9#022A Project Number: 12035-0114 Project Manager: Darren Rowley	Reported: 4/8/2022 2:47:51PM
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SB # 4 Base

E204008-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2215051
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/07/22	04/08/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.9 %	70-130	04/07/22	04/08/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: AK		Batch: 2215037
Diesel Range Organics (C10-C28)	27.9	25.0	1	04/06/22	04/07/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/06/22	04/07/22	
<i>Surrogate: n-Nonane</i>		84.8 %	50-200	04/06/22	04/07/22	



QC Summary Data

Logos Resources	Project Name: Bondad 33-9#022A	Reported:
2010 Afton Place	Project Number: 12035-0114	
Farmington NM, 87401	Project Manager: Darren Rowley	4/8/2022 2:47:51PM

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 (2215051-BLK1)

Prepared: 04/06/22 Analyzed: 04/08/22

Gasoline Range Organics (C6-C10)	ND	20.0							
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	7.42		8.00		92.7			70-130	

LCS (2215051-BS2)

Prepared: 04/06/22 Analyzed: 04/08/22

Gasoline Range Organics (C6-C10)	46.1	20.0	50.0						
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	7.39		8.00		92.4			70-130	

LCS Dup (2215051-BSD2)

Prepared: 04/06/22 Analyzed: 04/08/22

Gasoline Range Organics (C6-C10)	50.4	20.0	50.0						
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	7.50		8.00		93.8			70-130	



QC Summary Data

Logos Resources 2010 Afton Place Farmington NM, 87401	Project Name: Bondad 33-9#022A Project Number: 12035-0114 Project Manager: Darren Rowley	Reported: 4/8/2022 2:47:51PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: AK

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2215037-BLK1)

Prepared: 04/06/22 Analyzed: 04/07/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	36.7		50.0		73.4	50-200			

LCS (2215037-BS1)

Prepared: 04/06/22 Analyzed: 04/07/22

Diesel Range Organics (C10-C28)	437	25.0	500		87.4	38-132			
Surrogate: <i>n</i> -Nonane	42.2		50.0		84.5	50-200			

Matrix Spike (2215037-MS1)

Source: E204008-01

Prepared: 04/06/22 Analyzed: 04/07/22

Diesel Range Organics (C10-C28)	466	25.0	500	ND	93.2	38-132			
Surrogate: <i>n</i> -Nonane	46.1		50.0		92.2	50-200			

Matrix Spike Dup (2215037-MSD1)

Source: E204008-01

Prepared: 04/06/22 Analyzed: 04/07/22

Diesel Range Organics (C10-C28)	471	25.0	500	ND	94.2	38-132	1.02	20	
Surrogate: <i>n</i> -Nonane	43.8		50.0		87.6	50-200			

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
2010 Afton Place
Farmington NM, 87401

Project Name: Bondad 33-9#022A
Project Number: 12035-0114
Project Manager: Darren Rowley

Reported:
04/08/22 14:47

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.



Client: LOGOS Resources II, LLC Project Bondad 33-9#022A Project Manager: Darren Rowley Address: 2010 Afton Place City, State, Zip Farmington, NM 87401 Phone: 505-320-1395 Email: <u>Standard</u> Report due by:		Bill To Attention: Darren Rowley Address: <u>2010 Afton Place</u> City, State, Zip Phone: 505-324-4145 <u>505-828-1243</u> Email: <u>see below</u> vfields@logosresourcesllc.com drowley@logosresourcesllc.com		Lab Use Only Lab WO# <u>PE 204008</u> Job Number <u>12035-0114</u> Date <u>4/1/22</u> Analysis and Method				TAT 1D 3D		EPA Program RCRA CWA SDWA		
								State NM CO UT AZ TX OK				

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	Remarks			
10:03	4/1/22	S	1-4oz jar	SB # 1 West Wall	1	X	X								
10:10	4/1/22	S	1-4oz jar	SB # 2 West wall middle	2	X	X								
10:14	4/1/22	S	1-4oz jar	SB # 3 West wall west	3	X	X								
10:16	4/1/22	S	1-4oz jar	SB # 4 Base	4	X	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: [Signature]

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) <u>[Signature]</u>	Date <u>4/1/2022</u>	Time <u>1:10pm</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>4/1/22</u>	Time <u>13:10</u>	Lab Use Only Received on ice: <u>Y</u> N
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	T1 _____ T2 _____ T3 _____
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	AVG Temp °C <u>4</u>

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.



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: 04/01/22 13:10	Work Order ID: E204008
Phone: (505) 947-4974	Date Logged In: 04/01/22 15:23	Logged In By: Caitlin Christian
Email: drowley@logosresourcesllc.com	Due Date: 04/08/22 17:00 (5 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
- 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
- 5. Were all samples received within holding time? Yes

Carrier: Vanessa Fields

Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this discussion.

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? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

- 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? Yes

Field Label

- 20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - 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 filtration 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? No
- 29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Comments/Resolution

Client Instruction

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

Date



envirotech Inc.