



June 16, 2022

Eagle Environmental Consulting, Inc.

Martin C Eckert III

8000 W 44th Ave

Wheat Ridge CO 80033

Project Name - Bonzana - Dutch Lake #9-11H

Project Number - -

Attached are your analytical results for Bonzana - Dutch Lake #9-11H received by Origins Laboratory, Inc. June 03, 2022. This project is associated with Origins project number Y206128-01.

The analytical results in the following report were analyzed under the guidelines of EPA Methods. These methods are identified as follows: "SW" are defined in SW-846, "EPA" are defined in 40CFR part 136 and "SM" are defined in the most current revision of Standard Methods For the Examination of Water and Wastewater.

The analytical results apply specifically to the samples and analyses specified per the attached Chain of Custody. As such, this report shall not be reproduced except in full, without the written approval of Origin's laboratory.

Unless otherwise noted, the analytical results for all soil samples are reported on a wet weight basis. All analytical analyses were performed under NELAP guidelines unless noted by a data qualifier.

Any holding time exceedances, deviations from the method specifications or deviations from Origins Laboratory's Standard Operating Procedures are outlined in the case narrative.

Thank you for selecting Origins for your analytical needs. Please contact us with any questions concerning this report, or if we can help with anything at all.

Origins Laboratory, Inc.

303.433.1322

o-squad@oelabinc.com



1725 Elk Place, Denver, CO 80211 | Phone: 303.433.1322 | Fax: 303.265.9645

Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Martin C Eckert III  
 Project Number: -  
 Project: Bonzana - Dutch Lake #9-11H

**CROSS REFERENCE REPORT**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
WH-FS-01@7'	Y206128-01	Soil	June 3, 2022 9:50	06/03/2022 12:45
TB-SS-01@0.5'	Y206128-02	Soil	June 3, 2022 10:15	06/03/2022 12:45
TB-SS-02@0.5'	Y206128-03	Soil	June 3, 2022 10:20	06/03/2022 12:45
TB-SS-03@0.5'	Y206128-04	Soil	June 3, 2022 10:25	06/03/2022 12:45
TB-SS-04@0.5'	Y206128-05	Soil	June 3, 2022 10:30	06/03/2022 12:45
TB-SS-05@3'	Y206128-06	Soil	June 3, 2022 10:40	06/03/2022 12:45

Origins Laboratory, Inc.



*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

Jen Pellegrini For Jordan A. Bynon, Project Manager



# ORIGINS

LABORATORY, INC

Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Martin C Eckert III  
 Project Number: -  
 Project: Bonzana - Dutch Lake #9-11H

Origins Laboratory

F-012207-01-R1  
 Effective Date: 01/09/12

**Sample Receipt Checklist**

Origins Work Order: POC175

Client: EAEC

Client Project ID: Dutch Lake 9-11H

Checklist Completed by: JH

Shipped Via: FD

(UPS, FedEx, Hand Delivered, Pick-up, etc.)

Date/time completed: 6/18/22

Airbill #: NA

Matrix(s) Received: (Check all that apply):  Soil/Solid  Water  Other: \_\_\_\_\_

Cooler Number/Temperature: 1100 °C / \_\_\_\_\_ °C / \_\_\_\_\_ °C (Describe)

Thermometer ID: 1004

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Is there ice present (document if blue ice is used)	<input checked="" type="checkbox"/>			
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)		<input checked="" type="checkbox"/>		
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)		<input checked="" type="checkbox"/>		
Were all samples received intact <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Was adequate sample volume provided <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Are short holding time analytes or samples with HTs due within 48 hours present <sup>(1)</sup> ?		<input checked="" type="checkbox"/>		
Is a chain-of-custody (COC) present and filled out completely <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Does the COC agree with the number and type of sample bottles received <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Do the sample IDs on the bottle labels match the COC <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Is the COC properly relinquished by the client with date and time recorded <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
For volatiles in water - is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.			<input checked="" type="checkbox"/>	
Are samples preserved that require preservation and was it checked <sup>(1)</sup> ? (note ID of confirmation instrument used in comments) / (preservation is not confirmed for subcontracted analyses in order to insure sample integrity/pH < 2 for samples preserved with HNO <sub>3</sub> , HCL, H <sub>2</sub> SO <sub>4</sub> ) / (pH > 10 for samples preserved with NaAsO <sub>2</sub> +NaOH, ZnAc+NaOH)			<input checked="" type="checkbox"/>	
Additional Comments (if any):				

<sup>(1)</sup>If NO, then contact the client before proceeding with analysis and note date/time and person contacted as well as the corrective action to in the additional comments (above) and the case narrative.

Reviewed by (Project Manager) [Signature]

Date/Time Reviewed 6/17/22

Origins Laboratory, Inc.

[Signature]

Jen Pellegrini For Jordan A. Bynon, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Martin C Eckert III  
 Project Number: -  
 Project: Bonzana - Dutch Lake #9-11H

WH-FS-01@7'  
 6/3/2022 9:50:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

**Origins Laboratory, Inc.**  
**Y206128-01 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	0.518		0.100	mg/L	1	B2F0708	06/07/2022	06/08/2022	
-------	-------	--	-------	------	---	---------	------------	------------	--

**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	40.5		25.0	mg/kg	1	B2F0712	06/07/2022	06/08/2022	
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: o-Terphenyl	69.8 %		50-150			"	"	"	
------------------------	--------	--	--------	--	--	---	---	---	--

**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B2F0702	06/07/2022	06/08/2022	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U
Benzene	ND		0.00200	"	"	"	"	"	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	107 %		70-130			"	"	"	
Surrogate: Toluene-d8	94.1 %		70-130			"	"	"	

Origins Laboratory, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Martin C Eckert III  
 Project Number: -  
 Project: Bonzana - Dutch Lake #9-11H

WH-FS-01@7'  
 6/3/2022 9:50:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

**Origins Laboratory, Inc.**  
**Y206128-01 (Soil)**

**GBTEX+TMBs by 8260D**

Surrogate: 4-Bromofluorobenzene	97.9 %		70-130			B2F07 02	06/07/2022	06/08/2022	
---------------------------------	--------	--	--------	--	--	-------------	------------	------------	--

**Metals by Saturated Paste by EPA 6010**

Calcium	9.26		0.499	meq/L	10	[CALC]	06/07/2022	06/08/2022	
Magnesium	6.51		0.823	"	"	"	"	"	
Sodium	8.33		0.435	"	"	"	"	"	

**PAH by 8270D SIM**

1-Methylnaphthalene	ND	0.00182	0.00335	mg/Kg	5	L620706	06/09/2022	06/13/2022	
2-Methylnaphthalene	ND	0.00323	0.00335	"	"	"	"	"	
Acenaphthene	ND	0.00152	0.00335	"	"	"	"	"	
Anthracene	ND	0.00167	0.00335	"	"	"	"	"	
Benzo(a)anthracene	ND	0.00247	0.00335	"	"	"	"	"	
Benzo(a)pyrene	ND	0.00234	0.00335	"	"	"	"	"	
Benzo(b)fluoranthene	ND	0.00293	0.00335	"	"	"	"	"	
Benzo(k)fluoranthene	ND	0.00219	0.00335	"	"	"	"	"	
Chrysene	0.00333	0.00312	0.00335	"	"	"	"	"	J
Dibenz(a,h)anthracene	ND	0.00307	0.00335	"	"	"	"	"	
Fluoranthene	ND	0.00197	0.00335	"	"	"	"	"	
Fluorene	ND	0.00143	0.00335	"	"	"	"	"	

Origins Laboratory, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Martin C Eckert III  
 Project Number: -  
 Project: Bonzana - Dutch Lake #9-11H

WH-FS-01@7'  
 6/3/2022 9:50:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

**Waypoint Analytical, Inc.**  
**Y206128-01 (Soil)**

**PAH by 8270D SIM**

Indeno(1,2,3-cd)pyrene	ND	0.00314	0.00335	mg/Kg	5	L620706	06/09/2022	06/13/2022	
Naphthalene	ND	0.00242	0.00335	"	"	"	"	"	"
Pyrene	ND	0.00322	0.00335	"	"	"	"	"	"

Surrogate: 2-Fluorobiphenyl	43.2 %		33-115			"	"	"	
Surrogate: 4-Terphenyl-d14	53.2 %		33-122			"	"	"	
Surrogate: Nitrobenzene-d5	51.1 %		29-110			"	"	"	

**pH in Soil by 9045D**

pH	8.07			pH Units	1	B2F0709	06/07/2022	06/08/2022	
----	------	--	--	----------	---	---------	------------	------------	--

**SAR by 20B Saturated Paste**

SAR	2.97			SAR	1	B2F0707	06/07/2022	06/08/2022	
-----	------	--	--	-----	---	---------	------------	------------	--

**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	2.32		0.00500	mmhos/cm	1	B2F0709	06/07/2022	06/08/2022	
---------------------------	------	--	---------	----------	---	---------	------------	------------	--

**Total Metals by 6020B**

Arsenic	1.29	0.0855	0.25	mg/Kg	5	L620930	06/10/2022	06/13/2022	
Barium	439	0.042	0.25	"	"	"	"	"	

Origins Laboratory, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Martin C Eckert III  
 Project Number: -  
 Project: Bonzana - Dutch Lake #9-11H

WH-FS-01@7'  
 6/3/2022 9:50:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

**Waypoint Analytical, Inc.**  
**Y206128-01 (Soil)**

**Total Metals by 6020B**

Cadmium	0.065	0.0259	0.25	mg/Kg	5	L620930	06/10/2022	06/13/2022	J
Copper	4.78	0.0806	0.25	"	"	"	"	"	"
Lead	3.52	0.031	0.25	"	"	"	"	"	"
Nickel	3.95	0.0633	0.25	"	"	"	"	"	"
Selenium	0.119	0.103	0.25	"	"	"	"	"	J
Silver	0.02	0.0067	0.25	"	"	"	"	"	J
Zinc	18.6	0.534	2.5	"	"	"	"	"	"

**Total Metals by 7196A**

Chromium, Hexavalent	ND	0.245	0.503	mg/Kg	1	L620634	06/03/2022	06/09/2022	
----------------------	----	-------	-------	-------	---	---------	------------	------------	--

Origins Laboratory, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jen Pellegrini For Jordan A. Bynon, Project Manager

Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Martin C Eckert III  
 Project Number: -  
 Project: Bonzana - Dutch Lake #9-11H

**TB-SS-01@0.5'**  
**6/3/2022 10:15:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

**Origins Laboratory, Inc.**  
**Y206128-02 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	ND		0.100	mg/L	1	B2F0708	06/07/2022	06/08/2022	U
-------	----	--	-------	------	---	---------	------------	------------	---

**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND		25.0	mg/kg	1	B2F0712	06/07/2022	06/08/2022	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: <i>o</i> -Terphenyl	73.0 %		50-150			"	"	"	
--------------------------------	--------	--	--------	--	--	---	---	---	--

**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B2F0702	06/07/2022	06/08/2022	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U
Benzene	ND		0.00200	"	"	"	"	"	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	115 %		70-130			"	"	"	
----------------------------------	-------	--	--------	--	--	---	---	---	--

Origins Laboratory, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jen Pellegrini For Jordan A. Bynon, Project Manager

Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Martin C Eckert III  
 Project Number: -  
 Project: Bonzana - Dutch Lake #9-11H

**TB-SS-01@0.5'**  
**6/3/2022 10:15:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

**Origins Laboratory, Inc.**  
**Y206128-02 (Soil)**

**GBTEX+TMBs by 8260D**

Surrogate: Toluene-d8	93.6 %		70-130			B2F07 02	06/07/2022	06/08/2022	
Surrogate: 4-Bromofluorobenzene	93.9 %		70-130			"	"	"	

**Metals by Saturated Paste by EPA 6010**

Calcium	1.34		0.499	meq/L	10	[CALC]	06/07/2022	06/08/2022	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

**PAH by 8270D SIM**

1-Methylnaphthalene	ND	0.000364	0.00067	mg/Kg	1	L620706	06/09/2022	06/13/2022	
2-Methylnaphthalene	ND	0.000645	0.00067	"	"	"	"	"	
Acenaphthene	ND	0.000304	0.00067	"	"	"	"	"	
Anthracene	ND	0.000334	0.00067	"	"	"	"	"	
Benzo(a)anthracene	ND	0.000493	0.00067	"	"	"	"	"	
Benzo(a)pyrene	ND	0.000468	0.00067	"	"	"	"	"	
Benzo(b)fluoranthene	ND	0.000585	0.00067	"	"	"	"	"	
Benzo(k)fluoranthene	ND	0.000437	0.00067	"	"	"	"	"	
Chrysene	ND	0.000624	0.00067	"	"	"	"	"	
Dibenz(a,h)anthracene	ND	0.000614	0.00067	"	"	"	"	"	
Fluoranthene	ND	0.000394	0.00067	"	"	"	"	"	

Origins Laboratory, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Martin C Eckert III  
 Project Number: -  
 Project: Bonzana - Dutch Lake #9-11H

**TB-SS-01@0.5'**  
**6/3/2022 10:15:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

**Waypoint Analytical, Inc.**  
**Y206128-02 (Soil)**

**PAH by 8270D SIM**

Fluorene	ND	0.000286	0.00067	mg/Kg	1	L620706	06/09/2022	06/13/2022	
Indeno(1,2,3-cd)pyrene	ND	0.000627	0.00067	"	"	"	"	"	"
Naphthalene	ND	0.000484	0.00067	"	"	"	"	"	"
Pyrene	ND	0.000643	0.00067	"	"	"	"	"	"

Surrogate: 2-Fluorobiphenyl	53.6 %		33-115			"	"	"	
Surrogate: 4-Terphenyl-d14	71.7 %		33-122			"	"	"	
Surrogate: Nitrobenzene-d5	60.8 %		29-110			"	"	"	

**pH in Soil by 9045D**

pH	<b>8.24</b>			pH Units	1	B2F0709	06/07/2022	06/08/2022	
----	-------------	--	--	----------	---	---------	------------	------------	--

**SAR by 20B Saturated Paste**

SAR	<b>0.185</b>			SAR	1	B2F0707	06/07/2022	06/08/2022	
-----	--------------	--	--	-----	---	---------	------------	------------	--

**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	<b>0.238</b>		0.00500	mmhos/cm	1	B2F0709	06/07/2022	06/08/2022	
---------------------------	--------------	--	---------	----------	---	---------	------------	------------	--

**Total Metals by 6020B**

Arsenic	<b>1.45</b>	<b>0.0855</b>	0.25	mg/Kg	5	L620930	06/10/2022	06/13/2022	
---------	-------------	---------------	------	-------	---	---------	------------	------------	--

Origins Laboratory, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Martin C Eckert III  
 Project Number: -  
 Project: Bonzana - Dutch Lake #9-11H

**TB-SS-01@0.5'**  
**6/3/2022 10:15:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

**Waypoint Analytical, Inc.**  
**Y206128-02 (Soil)**

**Total Metals by 6020B**

Barium	70.3	0.042	0.25	mg/Kg	5	L620930	06/10/2022	06/13/2022	
Cadmium	0.03	0.0259	0.25	"	"	"	"	"	J
Copper	2.92	0.0806	0.25	"	"	"	"	"	
Lead	3.04	0.031	0.25	"	"	"	"	"	
Nickel	2.3	0.0633	0.25	"	"	"	"	"	
Selenium	0.192	0.103	0.25	"	"	"	"	"	J
Silver	ND	0.0067	0.25	"	"	"	"	"	
Zinc	18.8	0.534	2.5	"	"	"	"	"	

**Total Metals by 7196A**

Chromium, Hexavalent	ND	0.292	0.6	mg/Kg	1	L620634	06/03/2022	06/09/2022	
----------------------	----	-------	-----	-------	---	---------	------------	------------	--

Origins Laboratory, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jen Pellegrini For Jordan A. Bynon, Project Manager

Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Martin C Eckert III  
 Project Number: -  
 Project: Bonzana - Dutch Lake #9-11H

**TB-SS-02@0.5'**  
**6/3/2022 10:20:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

**Origins Laboratory, Inc.**  
**Y206128-03 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	ND		0.100	mg/L	1	B2F0611	06/06/2022	06/07/2022	U
-------	----	--	-------	------	---	---------	------------	------------	---

**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND		25.0	mg/kg	1	B2F0712	06/07/2022	06/08/2022	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: <i>o</i> -Terphenyl	69.3 %		50-150			"	"	"	
--------------------------------	--------	--	--------	--	--	---	---	---	--

**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B2F0702	06/07/2022	06/08/2022	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U
Benzene	ND		0.00200	"	"	"	"	"	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	113 %		70-130			"	"	"	
----------------------------------	-------	--	--------	--	--	---	---	---	--

Origins Laboratory, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jen Pellegrini For Jordan A. Bynon, Project Manager

Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Martin C Eckert III  
 Project Number: -  
 Project: Bonzana - Dutch Lake #9-11H

**TB-SS-02@0.5'**  
**6/3/2022 10:20:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

**Origins Laboratory, Inc.**  
**Y206128-03 (Soil)**

**GBTEX+TMBs by 8260D**

Surrogate: Toluene-d8	92.0 %		70-130			B2F07 02	06/07/2022	06/08/2022	
Surrogate: 4-Bromofluorobenzene	95.9 %		70-130			"	"	"	

**Metals by Saturated Paste by EPA 6010**

Calcium	1.66		0.499	meq/L	10	[CALC]	06/07/2022	06/08/2022	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

**PAH by 8270D SIM**

1-Methylnaphthalene	ND	0.000364	0.00067	mg/Kg	1	L620706	06/09/2022	06/13/2022	
2-Methylnaphthalene	ND	0.000645	0.00067	"	"	"	"	"	
Acenaphthene	ND	0.000304	0.00067	"	"	"	"	"	
Anthracene	ND	0.000334	0.00067	"	"	"	"	"	
Benzo(a)anthracene	ND	0.000493	0.00067	"	"	"	"	"	
Benzo(a)pyrene	ND	0.000468	0.00067	"	"	"	"	"	
Benzo(b)fluoranthene	ND	0.000585	0.00067	"	"	"	"	"	
Benzo(k)fluoranthene	ND	0.000437	0.00067	"	"	"	"	"	
Chrysene	ND	0.000624	0.00067	"	"	"	"	"	
Dibenz(a,h)anthracene	ND	0.000614	0.00067	"	"	"	"	"	
Fluoranthene	ND	0.000394	0.00067	"	"	"	"	"	

Origins Laboratory, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Martin C Eckert III  
 Project Number: -  
 Project: Bonzana - Dutch Lake #9-11H

**TB-SS-02@0.5'**  
**6/3/2022 10:20:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

**Waypoint Analytical, Inc.**  
**Y206128-03 (Soil)**

**PAH by 8270D SIM**

Fluorene	ND	0.000286	0.00067	mg/Kg	1	L620706	06/09/2022	06/13/2022	
Indeno(1,2,3-cd)pyrene	ND	0.000627	0.00067	"	"	"	"	"	"
Naphthalene	ND	0.000484	0.00067	"	"	"	"	"	"
Pyrene	ND	0.000643	0.00067	"	"	"	"	"	"

Surrogate: 2-Fluorobiphenyl	57 %		33-115			"	"	"	"
Surrogate: 4-Terphenyl-d14	77.7 %		33-122			"	"	"	"
Surrogate: Nitrobenzene-d5	63.1 %		29-110			"	"	"	"

**pH in Soil by 9045D**

pH	8.24			pH Units	1	B2F0709	06/07/2022	06/08/2022	
----	------	--	--	----------	---	---------	------------	------------	--

**SAR by 20B Saturated Paste**

SAR	0.202			SAR	1	B2F0707	06/07/2022	06/08/2022	
-----	-------	--	--	-----	---	---------	------------	------------	--

**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.275		0.00500	mmhos/cm	1	B2F0709	06/07/2022	06/08/2022	
---------------------------	-------	--	---------	----------	---	---------	------------	------------	--

**Total Metals by 6020B**

Arsenic	1.64	0.0855	0.25	mg/Kg	5	L620930	06/10/2022	06/13/2022	
---------	------	--------	------	-------	---	---------	------------	------------	--

Origins Laboratory, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Martin C Eckert III  
 Project Number: -  
 Project: Bonzana - Dutch Lake #9-11H

**TB-SS-02@0.5'**  
**6/3/2022 10:20:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

**Waypoint Analytical, Inc.**  
**Y206128-03 (Soil)**

**Total Metals by 6020B**

Barium	86.7	0.042	0.25	mg/Kg	5	L620930	06/10/2022	06/13/2022	
Cadmium	0.058	0.0259	0.25	"	"	"	"	"	J
Copper	4.58	0.0806	0.25	"	"	"	"	"	
Lead	2.93	0.031	0.25	"	"	"	"	"	
Nickel	3.2	0.0633	0.25	"	"	"	"	"	
Selenium	0.138	0.103	0.25	"	"	"	"	"	J
Silver	0.0074	0.0067	0.25	"	"	"	"	"	J
Zinc	44.3	0.534	2.5	"	"	"	"	"	

**Total Metals by 7196A**

Chromium, Hexavalent	ND	0.246	0.505	mg/Kg	1	L620634	06/03/2022	06/09/2022	
----------------------	----	-------	-------	-------	---	---------	------------	------------	--

Origins Laboratory, Inc.



Jen Pellegrini For Jordan A. Bynon, Project Manager

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Martin C Eckert III  
 Project Number: -  
 Project: Bonzana - Dutch Lake #9-11H

**TB-SS-03@0.5'**  
**6/3/2022 10:25:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

**Origins Laboratory, Inc.**  
**Y206128-04 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	ND		0.100	mg/L	1	B2F0611	06/06/2022	06/07/2022	U
-------	----	--	-------	------	---	---------	------------	------------	---

**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND		25.0	mg/kg	1	B2F0712	06/07/2022	06/09/2022	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: o-Terphenyl	71.7 %		50-150			"	"	"	
------------------------	--------	--	--------	--	--	---	---	---	--

**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B2F0702	06/07/2022	06/08/2022	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U
Benzene	ND		0.00200	"	"	"	"	"	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	113 %		70-130			"	"	"	
----------------------------------	-------	--	--------	--	--	---	---	---	--

Origins Laboratory, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jen Pellegrini For Jordan A. Bynon, Project Manager

Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Martin C Eckert III  
 Project Number: -  
 Project: Bonzana - Dutch Lake #9-11H

**TB-SS-03@0.5'**  
**6/3/2022 10:25:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

**Origins Laboratory, Inc.**  
**Y206128-04 (Soil)**

**GBTEX+TMBs by 8260D**

Surrogate: Toluene-d8	94.0 %		70-130			B2F07 02	06/07/2022	06/08/2022	
Surrogate: 4-Bromofluorobenzene	94.9 %		70-130			"	"	"	

**Metals by Saturated Paste by EPA 6010**

Calcium	1.49		0.499	meq/L	10	[CALC]	06/07/2022	06/08/2022	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

**PAH by 8270D SIM**

1-Methylnaphthalene	ND	0.000364	0.00067	mg/Kg	1	L620706	06/09/2022	06/13/2022	
2-Methylnaphthalene	ND	0.000645	0.00067	"	"	"	"	"	
Acenaphthene	ND	0.000304	0.00067	"	"	"	"	"	
Anthracene	ND	0.000334	0.00067	"	"	"	"	"	
Benzo(a)anthracene	ND	0.000493	0.00067	"	"	"	"	"	
Benzo(a)pyrene	ND	0.000468	0.00067	"	"	"	"	"	
Benzo(b)fluoranthene	ND	0.000585	0.00067	"	"	"	"	"	
Benzo(k)fluoranthene	ND	0.000437	0.00067	"	"	"	"	"	
Chrysene	ND	0.000624	0.00067	"	"	"	"	"	
Dibenz(a,h)anthracene	ND	0.000614	0.00067	"	"	"	"	"	
Fluoranthene	ND	0.000394	0.00067	"	"	"	"	"	

Origins Laboratory, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Martin C Eckert III  
 Project Number: -  
 Project: Bonzana - Dutch Lake #9-11H

**TB-SS-03@0.5'**  
**6/3/2022 10:25:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

**Waypoint Analytical, Inc.**  
**Y206128-04 (Soil)**

**PAH by 8270D SIM**

Fluorene	ND	0.000286	0.00067	mg/Kg	1	L620706	06/09/2022	06/13/2022	
Indeno(1,2,3-cd)pyrene	ND	0.000627	0.00067	"	"	"	"	"	"
Naphthalene	ND	0.000484	0.00067	"	"	"	"	"	"
Pyrene	ND	0.000643	0.00067	"	"	"	"	"	"

Surrogate: 2-Fluorobiphenyl	54.1 %		33-115			"	"	"	
Surrogate: 4-Terphenyl-d14	76.1 %		33-122			"	"	"	
Surrogate: Nitrobenzene-d5	62.5 %		29-110			"	"	"	

**pH in Soil by 9045D**

pH	8.25			pH Units	1	B2F0709	06/07/2022	06/08/2022	
----	------	--	--	----------	---	---------	------------	------------	--

**SAR by 20B Saturated Paste**

SAR	0.168			SAR	1	B2F0707	06/07/2022	06/08/2022	
-----	-------	--	--	-----	---	---------	------------	------------	--

**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.254		0.00500	mmhos/cm	1	B2F0709	06/07/2022	06/08/2022	
---------------------------	-------	--	---------	----------	---	---------	------------	------------	--

**Total Metals by 6020B**

Arsenic	1.1	0.0855	0.25	mg/Kg	5	L620930	06/10/2022	06/13/2022	
---------	-----	--------	------	-------	---	---------	------------	------------	--

Origins Laboratory, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Martin C Eckert III  
 Project Number: -  
 Project: Bonzana - Dutch Lake #9-11H

**TB-SS-03@0.5'**  
**6/3/2022 10:25:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

**Waypoint Analytical, Inc.**  
**Y206128-04 (Soil)**

**Total Metals by 6020B**

Barium	145	0.042	0.25	mg/Kg	5	L620930	06/10/2022	06/13/2022	
Cadmium	0.0541	0.0259	0.25	"	"	"	"	"	J
Copper	3.75	0.0806	0.25	"	"	"	"	"	
Lead	3.5	0.031	0.25	"	"	"	"	"	
Nickel	2.83	0.0633	0.25	"	"	"	"	"	
Selenium	0.162	0.103	0.25	"	"	"	"	"	J
Silver	0.0077	0.0067	0.25	"	"	"	"	"	J
Zinc	58.4	0.534	2.5	"	"	"	"	"	

**Total Metals by 7196A**

Chromium, Hexavalent	ND	0.251	0.515	mg/Kg	1	L620634	06/03/2022	06/09/2022	
----------------------	----	-------	-------	-------	---	---------	------------	------------	--

Origins Laboratory, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Martin C Eckert III  
 Project Number: -  
 Project: Bonzana - Dutch Lake #9-11H

**TB-SS-04@0.5'**  
**6/3/2022 10:30:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

**Origins Laboratory, Inc.**  
**Y206128-05 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	ND		0.100	mg/L	1	B2F0611	06/06/2022	06/07/2022	U
-------	----	--	-------	------	---	---------	------------	------------	---

**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND		25.0	mg/kg	1	B2F0712	06/07/2022	06/09/2022	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: o-Terphenyl	70.6 %		50-150			"	"	"	
------------------------	--------	--	--------	--	--	---	---	---	--

**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B2F0702	06/07/2022	06/08/2022	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U
Benzene	ND		0.00200	"	"	"	"	"	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	113 %		70-130			"	"	"	
----------------------------------	-------	--	--------	--	--	---	---	---	--

Origins Laboratory, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jen Pellegrini For Jordan A. Bynon, Project Manager

Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Martin C Eckert III  
 Project Number: -  
 Project: Bonzana - Dutch Lake #9-11H

**TB-SS-04@0.5'**  
**6/3/2022 10:30:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

**Origins Laboratory, Inc.**  
**Y206128-05 (Soil)**

**GBTEX+TMBs by 8260D**

Surrogate: Toluene-d8	92.0 %		70-130			B2F07 02	06/07/2022	06/08/2022	
Surrogate: 4-Bromofluorobenzene	96.3 %		70-130			"	"	"	

**Metals by Saturated Paste by EPA 6010**

Calcium	<b>2.01</b>		0.499	meq/L	10	[CALC]	06/07/2022	06/08/2022	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

**PAH by 8270D SIM**

1-Methylnaphthalene	ND	0.000364	0.00067	mg/Kg	1	L620706	06/09/2022	06/13/2022	
2-Methylnaphthalene	ND	0.000645	0.00067	"	"	"	"	"	
Acenaphthene	ND	0.000304	0.00067	"	"	"	"	"	
Anthracene	ND	0.000334	0.00067	"	"	"	"	"	
Benzo(a)anthracene	ND	0.000493	0.00067	"	"	"	"	"	
Benzo(a)pyrene	ND	0.000468	0.00067	"	"	"	"	"	
Benzo(b)fluoranthene	ND	0.000585	0.00067	"	"	"	"	"	
Benzo(k)fluoranthene	ND	0.000437	0.00067	"	"	"	"	"	
Chrysene	ND	0.000624	0.00067	"	"	"	"	"	
Dibenz(a,h)anthracene	ND	0.000614	0.00067	"	"	"	"	"	
Fluoranthene	ND	0.000394	0.00067	"	"	"	"	"	

Origins Laboratory, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Martin C Eckert III  
 Project Number: -  
 Project: Bonzana - Dutch Lake #9-11H

**TB-SS-04@0.5'**  
**6/3/2022 10:30:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

**Waypoint Analytical, Inc.**  
**Y206128-05 (Soil)**

**PAH by 8270D SIM**

Fluorene	ND	0.000286	0.00067	mg/Kg	1	L620706	06/09/2022	06/13/2022	
Indeno(1,2,3-cd)pyrene	ND	0.000627	0.00067	"	"	"	"	"	"
Naphthalene	ND	0.000484	0.00067	"	"	"	"	"	"
Pyrene	ND	0.000643	0.00067	"	"	"	"	"	"

Surrogate: 2-Fluorobiphenyl	52.4 %		33-115			"	"	"	
Surrogate: 4-Terphenyl-d14	73 %		33-122			"	"	"	
Surrogate: Nitrobenzene-d5	60 %		29-110			"	"	"	

**pH in Soil by 9045D**

pH	8.21			pH Units	1	B2F0709	06/07/2022	06/08/2022	
----	------	--	--	----------	---	---------	------------	------------	--

**SAR by 20B Saturated Paste**

SAR	0.188			SAR	1	B2F0707	06/07/2022	06/08/2022	
-----	-------	--	--	-----	---	---------	------------	------------	--

**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.338		0.00500	mmhos/cm	1	B2F0709	06/07/2022	06/08/2022	
---------------------------	-------	--	---------	----------	---	---------	------------	------------	--

**Total Metals by 6020B**

Arsenic	1	0.0855	0.25	mg/Kg	5	L620931	06/10/2022	06/14/2022	
---------	---	--------	------	-------	---	---------	------------	------------	--

Origins Laboratory, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Martin C Eckert III  
 Project Number: -  
 Project: Bonzana - Dutch Lake #9-11H

**TB-SS-04@0.5'**  
**6/3/2022 10:30:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

**Waypoint Analytical, Inc.**  
**Y206128-05 (Soil)**

**Total Metals by 6020B**

Barium	127	0.042	0.25	mg/Kg	5	L620931	06/10/2022	06/14/2022	
Cadmium	0.0344	0.0259	0.25	"	"	"	"	"	J
Copper	3.47	0.0806	0.25	"	"	"	"	"	
Lead	4.01	0.031	0.25	"	"	"	"	"	
Nickel	2.61	0.0633	0.25	"	"	"	"	"	
Selenium	0.184	0.103	0.25	"	"	"	"	"	J
Silver	ND	0.0067	0.25	"	"	"	"	"	
Zinc	16.3	0.534	2.5	"	"	"	"	"	

**Total Metals by 7196A**

Chromium, Hexavalent	ND	0.251	0.516	mg/Kg	1	L620634	06/03/2022	06/09/2022	
----------------------	----	-------	-------	-------	---	---------	------------	------------	--

Origins Laboratory, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jen Pellegrini For Jordan A. Bynon, Project Manager

Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Martin C Eckert III  
 Project Number: -  
 Project: Bonzana - Dutch Lake #9-11H

**TB-SS-05@3'**  
**6/3/2022 10:40:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

**Origins Laboratory, Inc.**  
**Y206128-06 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	ND		0.100	mg/L	1	B2F0611	06/06/2022	06/07/2022	U
-------	----	--	-------	------	---	---------	------------	------------	---

**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND		25.0	mg/kg	1	B2F0712	06/07/2022	06/09/2022	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: <i>o</i> -Terphenyl	81.3 %		50-150			"	"	"	
--------------------------------	--------	--	--------	--	--	---	---	---	--

**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B2F0702	06/07/2022	06/08/2022	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U
Benzene	ND		0.00200	"	"	"	"	"	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	125 %		70-130			"	"	"	
----------------------------------	-------	--	--------	--	--	---	---	---	--

Origins Laboratory, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jen Pellegrini For Jordan A. Bynon, Project Manager

Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Martin C Eckert III  
 Project Number: -  
 Project: Bonzana - Dutch Lake #9-11H

TB-SS-05@3'  
 6/3/2022 10:40:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

**Origins Laboratory, Inc.**  
**Y206128-06 (Soil)**

**GBTEX+TMBs by 8260D**

Surrogate: Toluene-d8	89.6 %		70-130			B2F07 02	06/07/2022	06/08/2022	
Surrogate: 4-Bromofluorobenzene	97.4 %		70-130			"	"	"	

**Metals by Saturated Paste by EPA 6010**

Calcium	0.943		0.499	meq/L	10	[CALC]	06/07/2022	06/08/2022	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

**PAH by 8270D SIM**

1-Methylnaphthalene	ND	0.000364	0.00067	mg/Kg	1	L620706	06/09/2022	06/13/2022	
2-Methylnaphthalene	ND	0.000645	0.00067	"	"	"	"	"	
Acenaphthene	ND	0.000304	0.00067	"	"	"	"	"	
Anthracene	ND	0.000334	0.00067	"	"	"	"	"	
Benzo(a)anthracene	ND	0.000493	0.00067	"	"	"	"	"	
Benzo(a)pyrene	ND	0.000468	0.00067	"	"	"	"	"	
Benzo(b)fluoranthene	ND	0.000585	0.00067	"	"	"	"	"	
Benzo(k)fluoranthene	ND	0.000437	0.00067	"	"	"	"	"	
Chrysene	ND	0.000624	0.00067	"	"	"	"	"	
Dibenz(a,h)anthracene	ND	0.000614	0.00067	"	"	"	"	"	
Fluoranthene	ND	0.000394	0.00067	"	"	"	"	"	

Origins Laboratory, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Martin C Eckert III  
 Project Number: -  
 Project: Bonzana - Dutch Lake #9-11H

TB-SS-05@3'  
 6/3/2022 10:40:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

**Waypoint Analytical, Inc.**  
**Y206128-06 (Soil)**

**PAH by 8270D SIM**

Fluorene	ND	0.000286	0.00067	mg/Kg	1	L620706	06/09/2022	06/13/2022	
Indeno(1,2,3-cd)pyrene	ND	0.000627	0.00067	"	"	"	"	"	
Naphthalene	ND	0.000484	0.00067	"	"	"	"	"	
Pyrene	ND	0.000643	0.00067	"	"	"	"	"	

Surrogate: 2-Fluorobiphenyl	51.2 %		33-115			"	"	"	
Surrogate: 4-Terphenyl-d14	68 %		33-122			"	"	"	
Surrogate: Nitrobenzene-d5	57.3 %		29-110			"	"	"	

**pH in Soil by 9045D**

pH	8.48			pH Units	1	B2F0709	06/07/2022	06/08/2022	
----	------	--	--	----------	---	---------	------------	------------	--

**SAR by 20B Saturated Paste**

SAR	0.164			SAR	1	B2F0707	06/07/2022	06/08/2022	
-----	-------	--	--	-----	---	---------	------------	------------	--

**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.220		0.00500	mmhos/cm	1	B2F0709	06/07/2022	06/08/2022	
---------------------------	-------	--	---------	----------	---	---------	------------	------------	--

**Total Metals by 6020B**

Arsenic	5	0.0855	0.25	mg/Kg	5	L620931	06/10/2022	06/14/2022	
---------	---	--------	------	-------	---	---------	------------	------------	--

Origins Laboratory, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Martin C Eckert III  
 Project Number: -  
 Project: Bonzana - Dutch Lake #9-11H

**TB-SS-05@3'**  
**6/3/2022 10:40:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

**Waypoint Analytical, Inc.**  
**Y206128-06 (Soil)**

**Total Metals by 6020B**

Barium	178	0.042	0.25	mg/Kg	5	L620931	06/10/2022	06/14/2022	
Cadmium	0.14	0.0259	0.25	"	"	"	"	"	J
Copper	4.8	0.0806	0.25	"	"	"	"	"	
Lead	7.64	0.031	0.25	"	"	"	"	"	
Nickel	6.4	0.0633	0.25	"	"	"	"	"	
Selenium	0.162	0.103	0.25	"	"	"	"	"	J
Silver	0.0164	0.0067	0.25	"	"	"	"	"	J
Zinc	26.9	0.534	2.5	"	"	"	"	"	

**Total Metals by 7196A**

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L620634	06/03/2022	06/09/2022	
----------------------	----	-------	-----	-------	---	---------	------------	------------	--

Origins Laboratory, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jen Pellegrini For Jordan A. Bynon, Project Manager



Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Martin C Eckert III  
 Project Number: -  
 Project: Bonzana - Dutch Lake #9-11H

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

**Batch B2F0702 - EPA 5030 (soil)**

**Blank (B2F0702-BLK1)**

Prepared: 06/07/2022 Analyzed: 06/08/2022

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg							U
1,3,5-Trimethylbenzene	ND	0.00200	"							U
Benzene	ND	0.00200	"							U
Ethylbenzene	ND	0.00200	"							U
Naphthalene	ND	0.0100	"							U
Toluene	ND	0.00200	"							U
Xylenes, total	ND	0.00200	"							U
Gasoline Range Hydrocarbons	ND	0.200	"							U
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		100	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		98.7	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		96.6	70-130			

Origins Laboratory, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jen Pellegrini For Jordan A. Bynon, Project Manager



Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Martin C Eckert III  
 Project Number: -  
 Project: Bonzana - Dutch Lake #9-11H

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch B2F0702 - EPA 5030 (soil)

LCS (B2F0702-BS1)

Prepared: 06/07/2022 Analyzed: 06/08/2022

1,2,4-Trimethylbenzene	0.108	0.00200	mg/kg	0.100		108	70-130			
1,3,5-Trimethylbenzene	0.110	0.00200	"	0.100		110	70-130			
Benzene	0.102	0.00200	"	0.100		102	70-130			
Ethylbenzene	0.119	0.00200	"	0.100		119	70-130			
Naphthalene	0.107	0.0100	"	0.100		107	70-130			
Toluene	0.100	0.00200	"	0.100		100	70-130			
o-Xylene	0.109	0.00200	"	0.100		109	70-130			
m,p-Xylene	0.222	0.00400	"	0.200		111	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		97.9	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		96.2	70-130			
Surrogate: 4-Bromofluorobenzene	0.14		"	0.125		110	70-130			

Origins Laboratory, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jen Pellegrini For Jordan A. Bynon, Project Manager

Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Martin C Eckert III  
 Project Number: -  
 Project: Bonzana - Dutch Lake #9-11H

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch B2F0702 - EPA 5030 (soil)

Matrix Spike (B2F0702-MS1)

Source: Y206128-01

Prepared: 06/07/2022 Analyzed: 06/10/2022

1,2,4-Trimethylbenzene	0.0916	0.00200	mg/kg	0.100	ND	91.6	70-130			
1,3,5-Trimethylbenzene	0.0914	0.00200	"	0.100	ND	91.4	70-130			
Benzene	0.0964	0.00200	"	0.100	ND	96.4	70-130			
Ethylbenzene	0.0991	0.00200	"	0.100	ND	99.1	70-130			
Naphthalene	0.0948	0.0100	"	0.100	ND	94.8	70-130			
Toluene	0.0930	0.00200	"	0.100	ND	93.0	70-130			
o-Xylene	0.0973	0.00200	"	0.100	ND	97.3	70-130			
m,p-Xylene	0.188	0.00400	"	0.200	ND	94.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.11		"	0.125		88.6	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		97.6	70-130			
Surrogate: 4-Bromofluorobenzene	0.14		"	0.125		110	70-130			

Origins Laboratory, Inc.



Jen Pellegrini For Jordan A. Bynon, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Martin C Eckert III  
 Project Number: -  
 Project: Bonzana - Dutch Lake #9-11H

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch B2F0702 - EPA 5030 (soil)

Matrix Spike Dup (B2F0702-MSD1)

Source: Y206128-01

Prepared: 06/07/2022 Analyzed: 06/10/2022

1,2,4-Trimethylbenzene	0.0917	0.00200	mg/kg	0.100	ND	91.7	70-130	0.0218	20	
1,3,5-Trimethylbenzene	0.0923	0.00200	"	0.100	ND	92.3	70-130	0.958	20	
Benzene	0.0953	0.00200	"	0.100	ND	95.3	70-130	1.11	20	
Ethylbenzene	0.0999	0.00200	"	0.100	ND	99.9	70-130	0.804	20	
Naphthalene	0.0955	0.0100	"	0.100	ND	95.5	70-130	0.799	20	
Toluene	0.0928	0.00200	"	0.100	ND	92.8	70-130	0.215	20	
o-Xylene	0.0977	0.00200	"	0.100	ND	97.7	70-130	0.390	20	
m,p-Xylene	0.190	0.00400	"	0.200	ND	94.8	70-130	0.624	20	
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		96.4	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		92.8	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		106	70-130			

Origins Laboratory, Inc.



Jen Pellegrini For Jordan A. Bynon, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Martin C Eckert III  
 Project Number: -  
 Project: Bonzana - Dutch Lake #9-11H

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

**Batch B2F0712 - EPA 3580**

Prepared: 06/07/2022 Analyzed: 06/08/2022

**Blank (B2F0712-BLK1)**

Diesel (C10-C28)	ND	25.0	mg/kg							U
Residual Range Organics (C28-C40)	ND	100	"							U
Surrogate: o-Terphenyl	19		"	24.9		75.4	50-150			

Origins Laboratory, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jen Pellegrini For Jordan A. Bynon, Project Manager



Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Martin C Eckert III  
 Project Number: -  
 Project: Bonzana - Dutch Lake #9-11H

**Extractable Petroleum Hydrocarbons by 8015D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

**Batch B2F0712 - EPA 3580**

**LCS (B2F0712-BS1)**

Prepared: 06/07/2022 Analyzed: 06/08/2022

Diesel (C10-C28)	1020	50.0	mg/kg	1000		102	70-130			
Residual Range Organics (C28-C40)	938	200	"	1000		93.8	70-130			
Surrogate: o-Terphenyl	47		"	49.8		95.0	50-150			

Origins Laboratory, Inc.

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

Jen Pellegrini For Jordan A. Bynon, Project Manager

Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Martin C Eckert III  
 Project Number: -  
 Project: Bonzana - Dutch Lake #9-11H

**Extractable Petroleum Hydrocarbons by 8015D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

**Batch B2F0712 - EPA 3580**

**Matrix Spike (B2F0712-MS1)**

**Source: Y206128-01**

Prepared: 06/07/2022 Analyzed: 06/08/2022

Diesel (C10-C28)	1190	50.0	mg/kg	1000	40.5	115	70-130			
Residual Range Organics (C28-C40)	1110	200	"	1000	60.3	105	70-130			
Surrogate: o-Terphenyl	42		"	49.8		83.8	50-150			

Origins Laboratory, Inc.



Jen Pellegrini For Jordan A. Bynon, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Martin C Eckert III  
 Project Number: -  
 Project: Bonzana - Dutch Lake #9-11H

**Extractable Petroleum Hydrocarbons by 8015D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

**Batch B2F0712 - EPA 3580**

**Matrix Spike Dup (B2F0712-MSD1)**

**Source: Y206128-01**

Prepared: 06/07/2022 Analyzed: 06/08/2022

Diesel (C10-C28)	1050	50.0	mg/kg	1000	40.5	101	70-130	12.0	35	
Residual Range Organics (C28-C40)	987	200	"	1000	60.3	92.7	70-130	12.1	35	
Surrogate: o-Terphenyl	44		"	49.8		88.7	50-150			

Origins Laboratory, Inc.



Jen Pellegrini For Jordan A. Bynon, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Martin C Eckert III  
 Project Number: -  
 Project: Bonzana - Dutch Lake #9-11H

**Extractable Petroleum Hydrocarbons by 8015D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

**Classical Chemistry Parameters - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

**Batch B2F0611 - Default Prep Metals**

**Blank (B2F0611-BLK1)**

Prepared: 06/06/2022 Analyzed: 06/07/2022

Boron ND 0.100 mg/L U

**Duplicate (B2F0611-DUP1)**

**Source: Y206078-01**

Prepared: 06/06/2022 Analyzed: 06/07/2022

Boron 0.204 0.100 mg/L 0.262 24.9 50

**Batch B2F0708 - Default Prep Metals**

**Blank (B2F0708-BLK1)**

Prepared: 06/07/2022 Analyzed: 06/08/2022

Boron ND 0.100 mg/L U

**Duplicate (B2F0708-DUP1)**

**Source: Y206127-02**

Prepared: 06/07/2022 Analyzed: 06/08/2022

Boron 0.0803 0.100 mg/L 0.0795 0.999 50 U

Origins Laboratory, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jen Pellegrini For Jordan A. Bynon, Project Manager



Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Martin C Eckert III  
 Project Number: -  
 Project: Bonzana - Dutch Lake #9-11H

**Saturated Paste - Quality Control  
 Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

**Batch B2F0709 - NO PREP**

**Blank (B2F0709-BLK1)**

Prepared: 06/07/2022 Analyzed: 06/08/2022

Specific Conductance (EC)	ND	0.00500	mmhos/cm							U
pH	0.00		pH Units							U

**Duplicate (B2F0709-DUP1)**

**Source: Y206127-02**

Prepared: 06/07/2022 Analyzed: 06/08/2022

pH	8.45		pH Units		8.52			0.825	25	
Specific Conductance (EC)	0.213	0.00500	mmhos/cm		0.221			3.87	25	

Origins Laboratory, Inc.

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

Jen Pellegrini For Jordan A. Bynon, Project Manager

Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Martin C Eckert III  
 Project Number: -  
 Project: Bonzana - Dutch Lake #9-11H

**PAH by 8270D SIM - Quality Control**  
**Waypoint Analytical, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

**Batch L620706 - 3550B**

**MSD (L 91006-MSD-L620706)**

**Source: Y206128-06**

Prepared: 06/09/2022 Analyzed: 06/13/2022

Fluoranthene	0.101	0.000394	mg/Kg	0.167	<0.000394	60.4	30-130	12.9	30	
Pyrene	0.0966	0.000643	"	0.167	<0.000643	57.8	30-130	12.9	30	
Naphthalene	0.0761	0.000484	"	0.167	<0.000484	45.5	30-130	13.4	30	
Fluorene	0.0859	0.000286	"	0.167	<0.000286	51.4	30-130	16.1	30	
Dibenz(a,h)anthracene	0.101	0.000614	"	0.167	<0.000614	60.4	30-130	21.2	30	
Chrysene	0.0856	0.000624	"	0.167	<0.000624	51.2	30-130	10.8	30	
Benzo(k)fluoranthene	0.0562	0.000437	"	0.167	<0.000437	33.6	30-130	9.4	30	
Indeno(1,2,3-cd)pyrene	0.0752	0.000627	"	0.167	<0.000627	45	30-130	28.3	30	
Benzo(b)fluoranthene	0.0436	0.000585	"	0.167	<0.000585	26.1	30-130	13.2	30	*
1-Methylnaphthalene	0.0757	0.000364	"	0.167	<0.000364	45.3	30-130	14.8	30	
2-Methylnaphthalene	0.0753	0.000645	"	0.167	<0.000645	45	30-130	14.5	30	
Acenaphthene	0.0893	0.000304	"	0.167	<0.000304	53.4	30-130	18	30	
Anthracene	0.101	0.000334	"	0.167	<0.000334	60.4	30-130	11.2	30	
Benzo(a)anthracene	0.0899	0.000493	"	0.167	<0.000493	53.8	30-130	12.6	30	
Benzo(a)pyrene	0.0937	0.000468	"	0.167	<0.000468	56.1	30-130	13.2	30	
Surrogate: Nitrobenzene-d5	50.7		"	0.333	188	50.7	29-110			
Surrogate: 2-Fluorobiphenyl	45.3		"	0.333	168	45.3	33-115			
Surrogate: 4-Terphenyl-d14	60.6		"	0.333	223	60.6	33-122			

**MS (L 91006-MS-L620706)**

**Source: Y206128-06**

Prepared: 06/09/2022 Analyzed: 06/13/2022

1-Methylnaphthalene	0.0878	0.000364	mg/Kg	0.164	<0.000364	53.5	30-130			
Benzo(b)fluoranthene	0.0498	0.000585	"	0.164	<0.000585	30.3	30-130			
Dibenz(a,h)anthracene	0.125	0.000614	"	0.164	<0.000614	76.2	30-130			
Chrysene	0.0954	0.000624	"	0.164	<0.000624	58.1	30-130			
Benzo(k)fluoranthene	0.0618	0.000437	"	0.164	<0.000437	37.6	30-130			
Fluoranthene	0.115	0.000394	"	0.164	<0.000394	70.1	30-130			
Benzo(a)pyrene	0.107	0.000468	"	0.164	<0.000468	65.2	30-130			

Origins Laboratory, Inc.



*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Martin C Eckert III  
 Project Number: -  
 Project: Bonzana - Dutch Lake #9-11H

**PAH by 8270D SIM - Quality Control**  
**Waypoint Analytical, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

**Batch L620706 - 3550B**

**MS (L 91006-MS-L620706)**

**Source: Y206128-06**

Prepared: 06/09/2022 Analyzed: 06/13/2022

Benzo(a)anthracene	0.102	0.000493	mg/Kg	0.164	<0.000493	62.1	30-130			
Anthracene	0.113	0.000334	"	0.164	<0.000334	68.9	30-130			
Fluorene	0.101	0.000286	"	0.164	<0.000286	61.5	30-130			
Acenaphthene	0.107	0.000304	"	0.164	<0.000304	65.2	30-130			
Naphthalene	0.0871	0.000484	"	0.164	<0.000484	53.1	30-130			
Pyrene	0.11	0.000643	"	0.164	<0.000643	67	30-130			
2-Methylnaphthalene	0.0871	0.000645	"	0.164	<0.000645	53.1	30-130			
Indeno(1,2,3-cd)pyrene	0.1	0.000627	"	0.164	<0.000627	60.9	30-130			
Surrogate: 4-Terphenyl-d14	68.6		"	0.329	223	68.6	33-122			
Surrogate: 2-Fluorobiphenyl	54.7		"	0.329	168	54.7	33-115			
Surrogate: Nitrobenzene-d5	58		"	0.329	188	58	29-110			

**LCS (LCS-L620706)**

Prepared: 06/09/2022 Analyzed: 06/13/2022

Dibenz(a,h)anthracene	0.112	0.000614	mg/Kg	0.167		67	30-130			
2-Methylnaphthalene	0.0878	0.000645	"	0.167		52.5	30-130			
Acenaphthene	0.104	0.000304	"	0.167		62.2	30-130			
Anthracene	0.113	0.000334	"	0.167		67.6	30-130			
Benzo(a)anthracene	0.101	0.000493	"	0.167		60.4	30-130			
Benzo(a)pyrene	0.103	0.000468	"	0.167		61.6	30-130			
Benzo(b)fluoranthene	0.0849	0.000585	"	0.167		50.8	30-130			
1-Methylnaphthalene	0.0875	0.000364	"	0.167		52.3	30-130			
Chrysene	0.0979	0.000624	"	0.167		58.6	30-130			
Fluorene	0.0993	0.000286	"	0.167		59.4	30-130			
Fluoranthene	0.119	0.000394	"	0.167		71.2	30-130			
Indeno(1,2,3-cd)pyrene	0.0919	0.000627	"	0.167		55	30-130			
Pyrene	0.115	0.000643	"	0.167		68.8	30-130			
Benzo(k)fluoranthene	0.0732	0.000437	"	0.167		43.8	30-130			

Origins Laboratory, Inc.



*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

Jen Pellegrini For Jordan A. Bynon, Project Manager

Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Martin C Eckert III  
 Project Number: -  
 Project: Bonzana - Dutch Lake #9-11H

**PAH by 8270D SIM - Quality Control**  
**Waypoint Analytical, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

**Batch L620706 - 3550B**

**LCS (LCS-L620706)**

Prepared: 06/09/2022 Analyzed: 06/13/2022

Naphthalene	0.0865	0.000484	mg/Kg	0.167		51.7	30-130			
Surrogate: 2-Fluorobiphenyl	55.2		"	0.333		55.2	33-115			
Surrogate: 4-Terphenyl-d14	71.7		"	0.333		71.7	33-122			
Surrogate: Nitrobenzene-d5	60.3		"	0.333		60.3	29-110			

**LRB (LRB-L620706)**

Prepared: 06/09/2022 Analyzed: 06/13/2022

2-Methylnaphthalene	ND	0.00067	mg/Kg				-			
Indeno(1,2,3-cd)pyrene	ND	0.00067	"				-			
Pyrene	ND	0.00067	"				-			
Naphthalene	ND	0.00067	"				-			
Acenaphthene	ND	0.00067	"				-			
Chrysene	ND	0.00067	"				-			
Fluorene	ND	0.00067	"				-			
1-Methylnaphthalene	ND	0.00067	"				-			
Dibenz(a,h)anthracene	ND	0.00067	"				-			
Anthracene	ND	0.00067	"				-			
Benzo(k)fluoranthene	ND	0.00067	"				-			
Benzo(b)fluoranthene	ND	0.00067	"				-			
Benzo(a)pyrene	ND	0.00067	"				-			
Benzo(a)anthracene	ND	0.00067	"				-			
Fluoranthene	ND	0.00067	"				-			
Surrogate: Nitrobenzene-d5	58.8		"	0.333		58.8	29-110			
Surrogate: 2-Fluorobiphenyl	52.5		"	0.333		52.5	33-115			
Surrogate: 4-Terphenyl-d14	69.6		"	0.333		69.6	33-122			

Origins Laboratory, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jen Pellegrini For Jordan A. Bynon, Project Manager

Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Martin C Eckert III  
 Project Number: -  
 Project: Bonzana - Dutch Lake #9-11H

**Total Metals by 6020B - Quality Control**  
**Waypoint Analytical, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

**Batch L620931 - 3050B**

**MSD (L 91055-MSD-L620931)**

**Source: 91055**

Prepared: 06/10/2022 Analyzed: 06/14/2022

Silver	0.473	0.0067	mg/Kg	0.464	0.19	61	75-125	14.5	80	*
Copper	5.78	0.0806	"	2.32	18.2	NR	75-125	74.2	80	*
Arsenic	2.14	0.0855	"	2.32	1.72	18	75-125	22.7	80	*
Cadmium	0.527	0.0259	"	0.464	0.197	71	75-125	10.6	80	*
Lead	6.41	0.031	"	2.32	23.3	NR	75-125	65.8	80	*
Nickel	4.06	0.0633	"	2.32	4.34	NR	75-125	40.9	80	*
Selenium	3.36	0.103	"	4.64	0.204	68	75-125	12	80	*
Zinc	37.8	0.534	"	23.2	53	NR	75-125	40.6	80	*
Barium	26.7	0.042	"	4.64	57.7	NR	75-125	70.7	80	*

**MS (L 91055-MS-L620931)**

**Source: 91055**

Prepared: 06/10/2022 Analyzed: 06/14/2022

Zinc	57.1	0.534	mg/Kg	25	53	16	75-125			*
Arsenic	2.69	0.0855	"	2.5	1.72	39	75-125			*
Barium	55.9	0.042	"	5	57.7	NR	75-125			*
Cadmium	0.586	0.0259	"	0.5	0.197	78	75-125			*
Copper	12.6	0.0806	"	2.5	18.2	NR	75-125			*
Lead	12.7	0.031	"	2.5	23.3	NR	75-125			*
Nickel	6.15	0.0633	"	2.5	4.34	72	75-125			*
Selenium	3.79	0.103	"	5	0.204	72	75-125			*
Silver	0.547	0.0067	"	0.5	0.19	71	75-125			*

**LCS (LCS-L620931)**

Prepared: 06/10/2022 Analyzed: 06/14/2022

Arsenic	2.36	0.0855	mg/Kg	2.5		94	80-120			
Silver	0.497	0.0067	"	0.5		99	80-120			
Selenium	4.54	0.103	"	5		91	80-120			
Nickel	2.38	0.0633	"	2.5		95	80-120			
Lead	2.41	0.031	"	2.5		96	80-120			

Origins Laboratory, Inc.



Jen Pellegrini For Jordan A. Bynon, Project Manager

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Martin C Eckert III  
 Project Number: -  
 Project: Bonzana - Dutch Lake #9-11H

**Total Metals by 6020B - Quality Control**  
**Waypoint Analytical, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

**Batch L620931 - 3050B**

**LCS (LCS-L620931)**

Prepared: 06/10/2022 Analyzed: 06/14/2022

Copper	2.33	0.0806	mg/Kg	2.5		93	80-120			
Barium	4.7	0.042	"	5		94	80-120			
Zinc	23.2	0.534	"	25		93	80-120			
Cadmium	0.475	0.0259	"	0.5		95	80-120			

**LRB (LRB-L620931)**

Prepared: 06/10/2022 Analyzed: 06/14/2022

Arsenic	ND	0.25	mg/Kg			-				
Silver	ND	0.25	"			-				
Zinc	ND	2.5	"			-				
Barium	ND	0.25	"			-				
Cadmium	ND	0.25	"			-				
Copper	ND	0.25	"			-				
Lead	ND	0.25	"			-				
Selenium	ND	0.25	"			-				
Nickel	ND	0.25	"			-				

Origins Laboratory, Inc.



Jen Pellegrini For Jordan A. Bynon, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Martin C Eckert III  
 Project Number: -  
 Project: Bonzana - Dutch Lake #9-11H

**Total Metals by 6020B - Quality Control**  
**Waypoint Analytical, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

**Batch L620930 - 3050B**

**MSD (L 91004-MSD-L620930)**

**Source: Y206128-04**

Prepared: 06/10/2022 Analyzed: 06/13/2022

Arsenic	4.52	0.0855	mg/Kg	2.43	1.1	140	75-125	24.8	80	*
Selenium	4.12	0.103	"	4.87	0.162	81	75-125	12.6	80	
Lead	5.34	0.031	"	2.43	3.5	76	75-125	7.3	80	
Copper	6.55	0.0806	"	2.43	3.75	115	75-125	3.2	80	
Nickel	5.99	0.0633	"	2.43	2.83	130	75-125	3.2	80	*
Zinc	50.4	0.534	"	24.3	58.4	NR	75-125	10.4	80	*
Cadmium	0.561	0.0259	"	0.487	0.0541	104	75-125	7.9	80	
Barium	111	0.042	"	4.87	145	NR	75-125	1.7	80	*
Silver	0.491	0.0067	"	0.487	0.00777	99	75-125	5.6	80	

**MS (L 91004-MS-L620930)**

**Source: Y206128-04**

Prepared: 06/10/2022 Analyzed: 06/13/2022

Lead	5.75	0.031	mg/Kg	2.35	3.5	96	75-125			
Zinc	45.4	0.534	"	23.5	58.4	NR	75-125			*
Silver	0.464	0.0067	"	0.469	0.00777	97	75-125			
Nickel	5.8	0.0633	"	2.35	2.83	127	75-125			*
Barium	113	0.042	"	4.69	145	NR	75-125			*
Arsenic	3.52	0.0855	"	2.35	1.1	103	75-125			
Copper	6.34	0.0806	"	2.35	3.75	110	75-125			
Cadmium	0.518	0.0259	"	0.469	0.0541	99	75-125			
Selenium	3.63	0.103	"	4.69	0.162	74	75-125			*

**LCS (LCS-L620930)**

Prepared: 06/10/2022 Analyzed: 06/13/2022

Selenium	5.17	0.103	mg/Kg	5		103	80-120			
Silver	0.507	0.0067	"	0.5		101	80-120			
Nickel	2.45	0.0633	"	2.5		98	80-120			
Arsenic	2.45	0.0855	"	2.5		98	80-120			
Barium	4.96	0.042	"	5		99	80-120			

Origins Laboratory, Inc.



Jen Pellegrini For Jordan A. Bynon, Project Manager

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Martin C Eckert III  
 Project Number: -  
 Project: Bonzana - Dutch Lake #9-11H

**Total Metals by 6020B - Quality Control**  
**Waypoint Analytical, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

**Batch L620930 - 3050B**

**LCS (LCS-L620930)**

Prepared: 06/10/2022 Analyzed: 06/13/2022

Cadmium	0.5	0.0259	mg/Kg	0.5		100	80-120			
Copper	2.38	0.0806	"	2.5		95	80-120			
Lead	2.45	0.031	"	2.5		98	80-120			
Zinc	23.5	0.534	"	25		94	80-120			

**LRB (LRB-L620930)**

Prepared: 06/10/2022 Analyzed: 06/13/2022

Selenium	ND	0.25	mg/Kg				-			
Silver	ND	0.25	"				-			
Nickel	ND	0.25	"				-			
Lead	ND	0.25	"				-			
Copper	ND	0.25	"				-			
Cadmium	ND	0.25	"				-			
Barium	ND	0.25	"				-			
Arsenic	ND	0.25	"				-			
Zinc	ND	2.5	"				-			

Origins Laboratory, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jen Pellegrini For Jordan A. Bynon, Project Manager

Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Martin C Eckert III  
 Project Number: -  
 Project: Bonzana - Dutch Lake #9-11H

**Total Metals by 7196A - Quality Control**  
**Waypoint Analytical, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch L620634 -</b>										
<b>DUP (L 90978-DUP)</b>		<b>Source: 90978</b>			Prepared: Analyzed: 06/09/2022					
Chromium, Hexavalent	ND	0.245	mg/Kg		<0.503	-		0	20	
<b>MS (L 90978-MS)</b>		<b>Source: 90978</b>			Prepared: Analyzed: 06/09/2022					
Chromium, Hexavalent	4.43	0.247	mg/Kg	8.14	<0.247	54	75-125			*
<b>LCS (LCS)</b>		Prepared: Analyzed: 06/09/2022								
Chromium, Hexavalent	7.29	0.244	mg/Kg	8		91	75-125			
<b>LRB (LRB)</b>		Prepared: Analyzed: 06/09/2022								
Chromium, Hexavalent	ND	0.5	mg/Kg							

Origins Laboratory, Inc.



Jen Pellegrini For Jordan A. Bynon, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Martin C Eckert III  
Project Number: -  
Project: Bonzana - Dutch Lake #9-11H

### Notes and Definitions

- U Sample is Non-Detect.
  - J Estimated Value. Analyte below reported quantitation limit.
  - \* QC Failure
  - ND Analyte NOT DETECTED at or above the reporting limit
  - RPD Relative Percent Difference
- All soil results are reported on a wet weight basis.

Origins Laboratory, Inc.



Jen Pellegrini For Jordan A. Bynon, Project Manager

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*