



Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number : 542035
Report Level : II
Report Date : 09/17/2025

Analytical Report *prepared for:*

Belle Wood
Bollinas Community Public Utility District
P.O. Box 390
Bollinas, CA 94924

Location: 100 Mesa Road, Bollinas, CA 94924

Authorized for release by:

Miguel Gamboa, Project Manager
miguel.gamboa@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, CA ELAP #1338-S1, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, ORELAP# 4197

Sample Summary

Belle Wood	Lab Job #:	542035
Bolinas Community Public Utility	Location:	100 Mesa Road, Bolinas, CA 94924
District	Date Received:	09/12/25
P.O. Box 390		
Bolinas, CA 94924		

Sample ID	Lab ID	Collected	Matrix
GROUND ASPHALT	542035-001	09/10/25 13:15	Miscell. (Asphalt)

Case Narrative

Bolinas Community Public Utility District
P.O. Box 390
Bolinas, CA 94924
Belle Wood

Lab Job Number: 542035

Location: 100 Mesa Road, Bolinas, CA
94924

Date Received: 09/12/25

This data package contains sample and QC results for one asphalt sample, requested for the above referenced project on 09/12/25. The sample was received in good condition.

TPH-Purgeables and/or BTXE by GC (EPA 8015B):

No analytical problems were encountered.

TPH-Extractables by GC (EPA 8015M):

- GROUND ASPHALT (lab # 542035-001) was diluted due to the dark and viscous nature of the sample extract.
- No other analytical problems were encountered.

Metals (EPA 6010B and EPA 7470A):

No analytical problems were encountered.



ENTHALPY

ANALYTICAL

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Chain of Custody Record

Lab No: 542035

Page: of

Turn Around Time (rush by advanced notice only)

Standard:

5 Day:

3 Day:

2 Day:

1 Day:

Custom TAT:

Matrix: A = Air S = Soil/Solid SD = Sediment

W = Water DW = Drinking Water SEA = Sea Water

PP = Pure Product SW = Swab T = Tissue WP = Wipe

O = Other

Containers: a = 120/250/500ml Plastic b = 1L Plastic

c = 1L Glass Clear d = 1L Amber e = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃

4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION

Company: Bolinas Community Public Utility District

Report To: Belle Wood

Email: bwood@bcpud.org

Address: 270 Elm Road, #390

Bolinas , CA 94924

Phone: 415-868-1224

Fax: N/A

PROJECT INFORMATION

WW

Permit # Q541643

Site Address: 100 Mesa Road

Bolinas, CA 94924

Sampled By: George Krakauer

Analysis Request

1/R 13 22.6/22.6

No fee

Test Instructions / Comments

Sample ID

1 Ground Asphalt

2

3

4

5

6

7

8

9

10

Sampling Date

9/10/25

Sampling Time

1:15 PM

Container Type/Preservatives

Matrix

of Cont.

Signature



Print Name

Belle Wood

Company / Title

Bcpud

Date / Time

9/10/25

1 Relinquished By:

1 Received By:

2 Relinquished By:

2 Received By:

3 Relinquished By:

9/12/25 0856

EA

Barcode

QR Code

Login 542035

SAMPLE RECEIPT CHECKLIST



Section 1: General Info

Date Received: 9/12/25 WO# 542035 Client: BOLINAS COMMUNITY PUBLIC UTILITY

Section 2: Shipping / Custody

Are custody seals present? ☐ Yes ☒ No

Custody seals intact on arrival? ☒ N/A ☐ Yes ☐ No ☐ On cooler / box ☐ On samples

☐ Courier ☐ Walk-In ☐ Field Sampling ☒ Shipping Info: FEDEx

Section 3a: Condition / Packaging

☒ Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)

Date Opened 9/12/25 By (initials) JXR

Type of ice used: ☐ Wet ☐ Blue/Gel ☒ None

☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)

☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): 22.0 / 22.0 Thermometer/IR Gun: IR13 CF: 0.0

Cooler Temp (°C) #1: / #2: / #3: / #4: / #5: / #6: /

Section 3b: Microbiology Samples

☒ No microbiology samples submitted (skip 3b)

☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples

☒ No air samples submitted (skip 3c)

☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other

Section 4: Containers / Labels / Samples

	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?		☒	
2) Is the sampler's name present on the CoC?	☒		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	☒		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)		☒	
5) Were all of, and only, the correct samples received?	☒		
6) Are sample labels present, legible, and in agreement with the CoC?	☒		
7) Does the container count match the CoC?		☒	
8) Was sufficient sample volume / mass received for the analyses requested?	☒		
9) Were samples received in proper containers for the analyses requested?	☒		
10) Were samples received with > 1/2 holding time remaining?	☒		
11) Are samples properly preserved as indicated by CoC / labels?	☒		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?			☒
13) Are VOA vials free from headspace/bubbles > 6mm?			☒

Section 5: Explanations / Comments

(If no comments are made, then no discrepancies noted.)

3A - SAMPLE RECEIVED OUT OF TEMP.

4.1 - CoC NOT PROPERLY FILLED OUT - NO ANALYSES REQUESTED, NO MATRIX, NO CONTAINER COUNT

4.7 - CONTAINER COUNT NOT SPECIFIED ON CoC, RECEIVED 1 CONTAINER.

☐ No additional discrepancies

Date Logged 9/12/25 By (print) FPD (sign)

Date Labeled 9/12/25 By (print) FPD (sign)

ORIGIN ID:SRFA (415) 868-1224
GEORGIA WOODS
BOLINAS COMMUNITY PUD
P.O. BOX 390
SHIP DATE: 10SEP25
ACTWGT: 3.00 LB
CAD: 308600009/INET4760
BILL CREDIT CARD

BOLINAS, CA 94924
UNITED STATES US

TO ENTHALPY ANALYTICAL

931 WEST BARKLEY AVENUE

ORANGE CA 92868

(714) 771-6900 REF:

PO: INVT: DEPT:



1253025062301uv

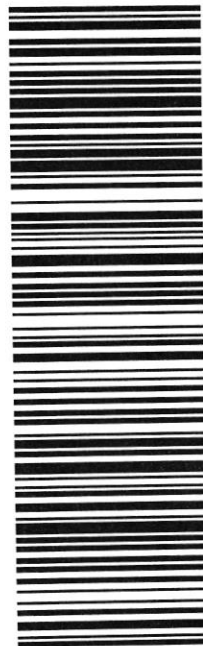
THU - 11 SEP 10:30A
PRIORITY OVERNIGHT

TRK# 8842 7477 0291

92868

92 APVA

CA-US SNA



After printing this label:
1. Fold the printed page along the horizontal line.
2. Place label in shipping pouch and affix it to your shipment.

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Analysis Results for 542035

Belle Wood
Bollinas Community Public Utility District
P.O. Box 390
Bollinas, CA 94924

Lab Job #: 542035
Location: 100 Mesa Road, Bollinas, CA 94924
Date Received: 09/12/25

Sample ID: GROUND ASPHALT

Lab ID: 542035-001

Collected: 09/10/25 13:15

542035-001 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
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Method: EPA 6010B

Prep Method: EPA 3015A

Arsenic	ND		mg/L	0.010	SPLP Leachate	1	382037	09/16/25	09/16/25	SBW
Cadmium	ND		mg/L	0.0050	SPLP Leachate	1	382037	09/16/25	09/16/25	SBW
Chromium	ND		mg/L	0.010	SPLP Leachate	1	382037	09/16/25	09/16/25	SBW
Copper	ND		mg/L	0.010	SPLP Leachate	1	382037	09/16/25	09/16/25	SBW
Lead	ND		mg/L	0.010	SPLP Leachate	1	382037	09/16/25	09/16/25	SBW
Nickel	ND		mg/L	0.010	SPLP Leachate	1	382037	09/16/25	09/16/25	SBW
Zinc	ND		mg/L	0.050	SPLP Leachate	1	382037	09/16/25	09/16/25	SBW

Method: EPA 7470A

Prep Method: EPA 7470A

Mercury	ND		ug/L	4.0	SPLP Leachate	10	382045	09/16/25	09/16/25	MLL
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Method: EPA 8015B

Prep Method: EPA 5030B

TPH Gasoline	ND		mg/Kg	76	Miscell.	25	381910	09/15/25	09/15/25	SXR
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Surrogates

Limits

Bromofluorobenzene (FID)	83%		%REC	59-122	Miscell.	25	381910	09/15/25	09/15/25	SXR
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Method: EPA 8015M

Prep Method: EPA 3580M

DRO C10-C28	1,200		mg/Kg	500	Miscell.	50	381849	09/13/25	09/15/25	DIB
ORO C28-C44	4,300		mg/Kg	1,000	Miscell.	50	381849	09/13/25	09/15/25	DIB

Surrogates

Limits

n-Triacontane		DO	%REC	70-130	Miscell.	50	381849	09/13/25	09/15/25	DIB
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DO Diluted Out
ND Not Detected

Batch QC

Type: Blank	Lab ID: QC1294039	Batch: 382037
Matrix: SPLP Leachate	Method: EPA 6010B	Prep Method: EPA 3015A

QC1294039 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Arsenic	ND		mg/L	0.010	09/16/25	09/16/25
Cadmium	ND		mg/L	0.0050	09/16/25	09/16/25
Chromium	ND		mg/L	0.010	09/16/25	09/16/25
Copper	ND		mg/L	0.010	09/16/25	09/16/25
Lead	ND		mg/L	0.010	09/16/25	09/16/25
Nickel	ND		mg/L	0.010	09/16/25	09/16/25
Zinc	ND		mg/L	0.050	09/16/25	09/16/25

Type: Lab Control Sample	Lab ID: QC1294040	Batch: 382037
Matrix: SPLP Leachate	Method: EPA 6010B	Prep Method: EPA 3015A

QC1294040 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Arsenic	1.806	2.000	mg/L	90%		80-120
Cadmium	1.824	2.000	mg/L	91%		80-120
Chromium	1.790	2.000	mg/L	90%		80-120
Copper	1.711	2.000	mg/L	86%		80-120
Lead	1.852	2.000	mg/L	93%		80-120
Nickel	1.868	2.000	mg/L	93%		80-120
Zinc	1.848	2.000	mg/L	92%		80-120

Type: Matrix Spike	Lab ID: QC1294041	Batch: 382037
Matrix (Source ID): SPLP Leachate (542035-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1294041 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Arsenic	1.836	ND	2.000	mg/L	92%		75-125	1
Cadmium	1.845	ND	2.000	mg/L	92%		75-125	1
Chromium	1.828	0.007230	2.000	mg/L	91%		75-125	1
Copper	1.753	0.006147	2.000	mg/L	87%		75-125	1
Lead	1.873	ND	2.000	mg/L	94%		75-125	1
Nickel	1.899	0.008108	2.000	mg/L	95%		75-125	1
Zinc	1.908	0.03485	2.000	mg/L	94%		75-125	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1294042	Batch: 382037
Matrix (Source ID): SPLP Leachate (542035-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1294042 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Arsenic	1.789	ND	2.000	mg/L	89%		75-125	3	20	1
Cadmium	1.799	ND	2.000	mg/L	90%		75-125	3	20	1
Chromium	1.782	0.007230	2.000	mg/L	89%		75-125	3	20	1
Copper	1.709	0.006147	2.000	mg/L	85%		75-125	3	20	1
Lead	1.826	ND	2.000	mg/L	91%		75-125	3	20	1
Nickel	1.851	0.008108	2.000	mg/L	92%		75-125	3	20	1
Zinc	1.857	0.03485	2.000	mg/L	91%		75-125	3	20	1

Type: Blank	Lab ID: QC1294061	Batch: 382045
Matrix: SPLP Leachate	Method: EPA 7470A	Prep Method: EPA 7470A

QC1294061 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Mercury	ND		ug/L	4.0	09/16/25	09/16/25

Type: Lab Control Sample	Lab ID: QC1294062	Batch: 382045
Matrix: SPLP Leachate	Method: EPA 7470A	Prep Method: EPA 7470A

QC1294062 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Mercury	50.82	50.00	ug/L	102%		80-120

Type: Matrix Spike	Lab ID: QC1294063	Batch: 382045
Matrix (Source ID): SPLP Leachate (542035-001)	Method: EPA 7470A	Prep Method: EPA 7470A

QC1294063 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Mercury	50.27	ND	50.00	ug/L	101%		75-125	10

Type: Matrix Spike Duplicate	Lab ID: QC1294064	Batch: 382045
Matrix (Source ID): SPLP Leachate (542035-001)	Method: EPA 7470A	Prep Method: EPA 7470A

QC1294064 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Mercury	51.15	ND	50.00	ug/L	102%		75-125	2	20	10

Type: Lab Control Sample	Lab ID: QC1293618	Batch: 381910
Matrix: Soil	Method: EPA 8015B	Prep Method: EPA 5030B

QC1293618 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
TPH Gasoline	5.492	5.000	mg/Kg	110%		80-124
Surrogates						
Bromofluorobenzene (FID)	0.1882	0.2000	mg/Kg	94%		59-122

Batch QC

Type: Matrix Spike	Lab ID: QC1293619	Batch: 381910
Matrix (Source ID): Soil (542031-001)	Method: EPA 8015B	Prep Method: EPA 5030B

QC1293619 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
TPH Gasoline	5.369	ND	4.960	mg/Kg	108%		74-126	0.99
Surrogates								
Bromofluorobenzene (FID)	0.1864		0.1984	mg/Kg	94%		59-122	0.99

Type: Matrix Spike Duplicate	Lab ID: QC1293620	Batch: 381910
Matrix (Source ID): Soil (542031-001)	Method: EPA 8015B	Prep Method: EPA 5030B

QC1293620 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
TPH Gasoline	5.192	ND	4.950	mg/Kg	105%		74-126	3	24	0.99
Surrogates										
Bromofluorobenzene (FID)	0.1825		0.1980	mg/Kg	92%		59-122			0.99

Type: Blank	Lab ID: QC1293621	Batch: 381910
Matrix: Soil	Method: EPA 8015B	Prep Method: EPA 5030B

QC1293621 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
TPH Gasoline	ND		mg/Kg	75	09/15/25	09/15/25
Surrogates				Limits		
Bromofluorobenzene (FID)	77%		%REC	59-122	09/15/25	09/15/25

Type: Blank	Lab ID: QC1293622	Batch: 381910
Matrix: Soil	Method: EPA 8015B	Prep Method: EPA 5030B

QC1293622 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
TPH Gasoline	ND		mg/Kg	3.0	09/15/25	09/15/25
Surrogates				Limits		
Bromofluorobenzene (FID)	83%		%REC	59-122	09/15/25	09/15/25

Type: Blank	Lab ID: QC1293397	Batch: 381849
Matrix: Miscell.	Method: EPA 8015M	Prep Method: EPA 3580M

QC1293397 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
DRO C10-C28	ND		mg/Kg	10	09/13/25	09/14/25
ORO C28-C44	ND		mg/Kg	20	09/13/25	09/14/25
Surrogates				Limits		
n-Triacontane	106%		%REC	70-130	09/13/25	09/14/25

Batch QC

Type: Lab Control Sample	Lab ID: QC1293398	Batch: 381849
Matrix: Miscell.	Method: EPA 8015M	Prep Method: EPA 3580M

QC1293398 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Diesel C10-C28	220.3	248.8	mg/Kg	89%		76-122
Surrogates						
n-Triacontane	9.800	9.950	mg/Kg	98%		70-130

Type: Matrix Spike	Lab ID: QC1293399	Batch: 381849
Matrix (Source ID): Soil (541970-001)	Method: EPA 8015M	Prep Method: EPA 3580M

QC1293399 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Diesel C10-C28	224.3	ND	249.9	mg/Kg	90%		62-126	1
Surrogates								
n-Triacontane	10.16		9.995	mg/Kg	102%		70-130	1

Type: Matrix Spike Duplicate	Lab ID: QC1293400	Batch: 381849
Matrix (Source ID): Soil (541970-001)	Method: EPA 8015M	Prep Method: EPA 3580M

QC1293400 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Diesel C10-C28	228.4	ND	248.1	mg/Kg	92%		62-126	3	35	0.99
Surrogates										
n-Triacontane	9.999		9.926	mg/Kg	101%		70-130			0.99

ND Not Detected