



Client: Mr. Gordon Binkhorst
Pure Earth
475 Riverside Drive, Suite 860
New York, NY 10115

Analytical Report

CET# 3050368

Report Date: June 01, 2023
Project: RMS, Various
Project Number: Nepal, Peru, Bolivia

Connecticut Laboratory Certificate: PH 0116
Massachusetts Laboratory Certificate: M-CT903
Rhode Island Laboratory Certificate: 199



New York NELAP Accreditation: 11982
Pennsylvania Certificate: 68-02927

SAMPLE SUMMARY

The sample(s) were received at 22.0°C.

This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
27KTM023	3050368-01	Solid	10/12/2022	05/11/2023
27KTM015	3050368-02	Solid	10/18/2022	05/11/2023
27NPJ068	3050368-03	Solid	11/15/2022	05/11/2023
27NPJ075	3050368-04	Solid	11/25/2022	05/11/2023
27BTR135	3050368-05	Solid	11/26/2022	05/11/2023
27BTR136	3050368-06	Solid	11/26/2022	05/11/2023
27KTM060	3050368-07	Solid	11/03/2022	05/11/2023
27KTM061	3050368-08	Solid	11/03/2022	05/11/2023
27NPJ085	3050368-09	Solid	11/25/2022	05/11/2023
27NPJ120	3050368-10	Solid	11/25/2022	05/11/2023
27NPJ089	3050368-11	Solid	11/25/2022	05/11/2023
27NPJ100	3050368-12	Solid	11/25/2022	05/11/2023
27BTR124	3050368-13	Solid	11/26/2022	05/11/2023
17CUS011	3050368-14	Solid	11/15/2022	05/11/2023
17PUC103	3050368-15	Solid	11/25/2022	05/11/2023
17CAL195	3050368-16	Solid	12/05/2022	05/11/2023
17PUC125	3050368-17	Solid	11/26/2022	05/11/2023
17PUC124	3050368-18	Solid	11/26/2022	05/11/2023
17PUC126	3050368-19	Solid	11/26/2022	05/11/2023
17CUS050	3050368-20	Solid	11/18/2022	05/11/2023
17CUS052	3050368-21	Solid	11/18/2022	05/11/2023
17PUC108	3050368-22	Solid	11/26/2022	05/11/2023
17LIM145	3050368-23	Solid	11/30/2022	05/11/2023
19ORU117	3050368-24	Solid	12/30/2022	05/11/2023
19LAP016	3050368-25	Solid	12/29/2022	05/11/2023
19COC182	3050368-26	Solid	12/30/2022	05/11/2023
19LAP040	3050368-27	Solid	12/29/2022	05/11/2023
19LAP042	3050368-28	Solid	12/29/2022	05/11/2023
19ORU103	3050368-29	Solid	12/30/2022	05/11/2023
19ORU109	3050368-30	Solid	12/30/2022	05/11/2023
19COC132	3050368-31	Solid	12/30/2022	05/11/2023
19COC161	3050368-32	Solid	12/30/2022	05/11/2023
19LAP005	3050368-33	Solid	12/14/2022	05/11/2023
19ORU123	3050368-34	Solid	12/15/2022	05/11/2023
19COC186	3050368-35	Solid	12/15/2022	05/11/2023

CET # : 3050368

Project: RMS, Various

Project Number: Nepal, Peru, Bolivia

Analyte: Total Lead [EPA 6020A]

Analyst: SS

Prep: EPA 3051A

Matrix: Solid

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
3050368-01	27KTM023	1.3	0.50	mg/kg (As Rec)	1	B3E1729	05/17/2023	05/19/2023 13:36	
3050368-02	27KTM015	0.52	0.50	mg/kg (As Rec)	1	B3E1729	05/17/2023	05/19/2023 13:41	
3050368-03	27NPJ068	ND	0.50	mg/kg (As Rec)	1	B3E1729	05/17/2023	05/19/2023 13:46	
3050368-04	27NPJ075	2.1	0.50	mg/kg (As Rec)	1	B3E1729	05/17/2023	05/19/2023 13:50	
3050368-05	27BTR135	ND	0.50	mg/kg (As Rec)	1	B3E1729	05/17/2023	05/19/2023 13:55	
3050368-06	27BTR136	0.20	0.20	mg/kg (As Rec)	1	B3E1729	05/17/2023	05/19/2023 14:00	
3050368-07	27KTM060	2.7	0.50	mg/kg (As Rec)	1	B3E2549	05/25/2023	05/26/2023 19:38	
3050368-08	27KTM061	5.6	0.50	mg/kg (As Rec)	1	B3E2549	05/25/2023	05/31/2023 12:23	
3050368-09	27NPJ085	ND	2.0	mg/kg (As Rec)	1	B3E2549	05/25/2023	05/26/2023 19:57	
3050368-10	27NPJ120	ND	0.50	mg/kg (As Rec)	1	B3E2608	05/26/2023	05/26/2023 21:04	
3050368-11	27NPJ089	ND	0.50	mg/kg (As Rec)	1	B3E2608	05/26/2023	05/26/2023 21:08	
3050368-12	27NPJ100	ND	0.50	mg/kg (As Rec)	1	B3E1729	05/17/2023	05/19/2023 14:04	
3050368-13	27BTR124	ND	0.50	mg/kg (As Rec)	1	B3E2549	05/25/2023	05/31/2023 12:28	
3050368-14	17CUS011	ND	0.50	mg/kg (As Rec)	1	B3E2549	05/25/2023	05/31/2023 12:37	
3050368-15	17PUC103	8.1	0.50	mg/kg (As Rec)	1	B3E2549	05/25/2023	05/26/2023 20:26	
3050368-16	17CAL195	2.3	0.50	mg/kg (As Rec)	1	B3E2549	05/25/2023	05/26/2023 20:30	
3050368-17	17PUC125	ND	0.50	mg/kg (As Rec)	1	B3E1729	05/17/2023	05/19/2023 14:23	
3050368-18	17PUC124	ND	0.50	mg/kg (As Rec)	1	B3E1729	05/17/2023	05/19/2023 14:28	
3050368-19	17PUC126	ND	0.50	mg/kg (As Rec)	1	B3E1729	05/17/2023	05/19/2023 14:33	
3050368-20	17CUS050	1.4	0.50	mg/kg (As Rec)	1	B3E2608	05/26/2023	05/26/2023 21:13	
3050368-21	17CUS052	1.3	0.50	mg/kg (As Rec)	1	B3E2608	05/26/2023	05/26/2023 21:18	
3050368-22	17PUC108	ND	0.50	mg/kg (As Rec)	1	B3E2608	05/26/2023	05/26/2023 21:23	
3050368-23	17LIM145	0.93	0.50	mg/kg (As Rec)	1	B3E2608	05/26/2023	05/26/2023 21:27	

Complete Environmental Testing, Inc.

80 Lupes Drive, Stratford, CT 06615 • Tel: 203-377-9984 • Fax: 203-377-9952 • www.cetlabs.com

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CET # : 3050368

Project: RMS, Various

Project Number: Nepal, Peru, Bolivia

Analyte: Total Lead [EPA 6020A]

Analyst: SS

Prep: EPA 3051A

Matrix: Solid

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
3050368-24	19ORU117	ND	0.50	mg/kg (As Rec)	1	B3E2549	05/25/2023	05/26/2023 20:35	
3050368-25	19LAP016	14	0.50	mg/kg (As Rec)	1	B3E1729	05/17/2023	05/19/2023 14:38	
3050368-26	19COC182	ND	0.50	mg/kg (As Rec)	1	B3E1729	05/17/2023	05/19/2023 14:42	
3050368-27	19LAP040	ND	0.50	mg/kg (As Rec)	1	B3E1729	05/17/2023	05/19/2023 14:47	
3050368-28	19LAP042	ND	0.50	mg/kg (As Rec)	1	B3E1729	05/17/2023	05/19/2023 14:52	
3050368-29	19ORU103	ND	0.50	mg/kg (As Rec)	1	B3E1729	05/17/2023	05/19/2023 14:56	
3050368-30	19ORU109	ND	0.50	mg/kg (As Rec)	1	B3E1729	05/17/2023	05/19/2023 15:01	
3050368-31	19COC132	ND	0.50	mg/kg (As Rec)	1	B3E1729	05/17/2023	05/19/2023 15:06	
3050368-32	19COC161	ND	0.50	mg/kg (As Rec)	1	B3E1729	05/17/2023	05/19/2023 15:25	
3050368-33	19LAP005	28	0.50	mg/kg (As Rec)	1	B3E2608	05/26/2023	05/26/2023 21:32	
3050368-34	19ORU123	ND	0.50	mg/kg (As Rec)	1	B3E2608	05/26/2023	05/26/2023 21:37	
3050368-35	19COC186	ND	0.50	mg/kg (As Rec)	1	B3E2608	05/26/2023	05/26/2023 21:42	

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CASE NARRATIVE

No collection times provided by client on chain of custody for the following samples: 3050368-01 through -35.

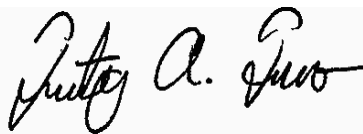
All questions related to this report should be directed to David Ditta, Timothy Fusco, or Robert Blake at 203-377-9984.

Sincerely,

This technical report was reviewed by Timothy Fusco



David Ditta
Laboratory Director



Project Manager

This report shall not be reproduced except in full, without the written approval of the laboratory

Report Comments:

Sample Result Flags:

- E- The result is estimated, above the calibration range.
- H- The surrogate recovery is above the control limits.
- L- The surrogate recovery is below the control limits.
- B- The compound was detected in the laboratory blank.
- P- The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
- D- The RPD between the sample and the sample duplicate is high. Sample Homogeneity may be a problem.
- +/- The Surrogate was diluted out.
- *C1- The Continuing Calibration did not meet method specifications and was biased low for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased low.
- *C2- The Continuing Calibration did not meet method specifications and was biased high for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased high.
- *F1- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the low side.
- *F2- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the high side.
- *I- Analyte exceeds method limits from second source standard in Initial Calibration Verification (ICV). No directional bias.

All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

For Percent Solids, if any of the following prep methods (3050B, 3540C, 3545A, 3550C, 5035 and 9013A) were used for samples pertaining to this report, the percent solids procedure is within that prep method.

Complete Environmental Testing is only responsible for the certified testing and is not directly responsible for the integrity of the sample before laboratory receipt.

ND is None Detected at or above the specified reporting limit

Reporting Limit (RL) is the limit of detection for an analyte after any adjustment made for dilution or percent moisture.

All analyses were performed in house unless a Reference Laboratory is listed.

Samples will be disposed of 30 days after the report date.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>EPA 6020A in Solid</i>	
Lead	CT,NY,PA

Complete Environmental Testing operates under the following certifications and accreditations:

Code	Description	Number	Expires
CT	Connecticut Public Health	PH0116	09/30/2024
NY	New York Certification (NELAC)	11982	04/01/2023
PA	Pennsylvania DEP	68-02927	05/31/2023



COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY

Volatile Soils Only:

Date and Time in Freezer

Client:

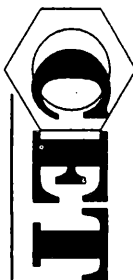
CET:

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80 Lupes Drive Stratford, CT 06615 Tel: (203) 377-9984 Fax: (203) 377-9952 e-mail: celservices@cetiabs.com e-mail: bottleorders@cetiabs.com		Matrix A=Air S=Soil W=Water DM=Drinking Water C=Cassette Solid Wipe Other (Specify)	
Sample ID/Sample Depths (include Units for any sample depths provided)		Collection Date/Time	
27 KTM023 27 KTM015 27 NPJ068 27 NPJ075 27 BTR135 27 BTR136 27 KTM060 27 KTM061 27 NPJ085 27 NPJ120		10/18/22 11/15/22 11/25/22 11/26/22 11/26/22 11/3/22 11/25/22 11/25/22 11/25/22	
CONTAINER TYPE (P-Plastic, G-Glass, V-Vial, O-Other)		Turnaround Time ** (check one) Same Day * Next Day * Two Day * Three Day * Std (5-7 Days)	
Soil VOCs Only (M=Mech B=Bisulphate Sodium W=Water F=Empy E=Empy)		8260 CT List 8260 Aromatics 8260 Halogens CT ETPH 8270 CT List 8270 PNAs PCBs <input type="checkbox"/> SOX <input type="checkbox"/> ASE Pesticides 8 RCRA 13 Priority Poll 15 CT DEP Total Lead SPLP TCLP Dissolved Field Filtered Lab to Filter	
RECEIVED BY: <i>[Signature]</i> DATE/TIME: 5-11-23 1041 RECEIVED BY: <i>[Signature]</i> DATE/TIME: 5-11-23 1530 RECEIVED BY: <i>[Signature]</i> DATE/TIME: 5-11-23 1530		Metals Additional Analysis	
Client / Reporting Information Company Name: Pure Earth Address: 475 Riverside Drive City: New York State Zip: 10115 Report To: Gordon Binkhurst E-mail: gordon@pureearth.org Phone #: 860 573-6288 Fax #:		Project Information Project: PWS Location: Nepal, Peru, Bolivia CET Quote # QA/QC <input type="checkbox"/> Std <input type="checkbox"/> Site Specific (MS/MSD) * <input type="checkbox"/> RCP Pkg * <input type="checkbox"/> DQAW * Data Report <input type="checkbox"/> PDF <input type="checkbox"/> EDD - Specify Format Other RSR Reporting Limits (check one) <input type="checkbox"/> GA <input type="checkbox"/> GB <input type="checkbox"/> SWP <input type="checkbox"/> Other Laboratory Certification Needed (check one) <input type="checkbox"/> CT <input type="checkbox"/> NY <input type="checkbox"/> RI <input type="checkbox"/> MA <input type="checkbox"/> PA Temp Upon Receipt: 22°C Evidence of Cooling: Y <input checked="" type="checkbox"/>	
NOTES: best detection limit feasible		TOTAL # OF CONT. 1 NOTE #	

* Additional charge may apply. ** TAT begins when the samples are received at the Lab and all issues are resolved. TAT for samples received after 3 p.m. will start on the next business day. All samples picked up by courier service will be considered next business day receipt for TAT purposes.

REV. 12/18



COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY

Volatile Soils Only:

Date and Time in Freezer

Client:

CET:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cetlabs.com
e-mail: bottleorders@cetlabs.com

Sample ID/Sample Depths (Include Units for any sample depths provided)

Collection
Date/Time

Matrix
A=Air
S=Soil
W=Water
DW=Drinking
Water
C=Cassette
Solid
Other
(Specify)

Turnaround Time **
(check one)

Same Day *
Next Day *
Two Day *
Three Day *
Std (5-7 Days)

8260 CT List
8260 Aromatics
8260 Halogens
CT ETPH
8270 CT List
8270 PNAs
PCBs ☐ SOX ☐ ASE
Pesticides
8 RCRA
13 Priority Poll
15 CT DEP
Total *12*
SPLP
TCLP
Dissolved
Field Filtered
Lab to Filter

Metals

Additional Analysis

TOTAL # OF CONT.
NOTE #

PRESERVATIVE (C=HCl, N=HNO₃, S=H₂SO₄, Na=NaOH, C=Cool, O=Other)
CONTAINER TYPE (P=Plastic, G=Glass, V=Vial, O=Other)

Soil VOCs Only (M=MeOH B=Bisulfate Sodium W=Water F=Vial Empty E=Encaps)
RELINQUISHED BY: *[Signature]* DATE/TIME: 5/11/23 RECEIVED BY: *[Signature]* DATE/TIME: 5/11/23

RELINQUISHED BY: *[Signature]* DATE/TIME: 5/11/23 RECEIVED BY: *[Signature]* DATE/TIME: 5/11/23

RELINQUISHED BY: *[Signature]* DATE/TIME: 5/11/23 RECEIVED BY: *[Signature]* DATE/TIME: 5/11/23

Client / Reporting Information

Company Name: Pure Earth

Address:

City:

State:

ZIP:

Report To:

E-mail:

Phone #:

Fax #:

Project:

PMS

PO #:

Location: *Defel, Peru, Bolivia*

Project #:

CET Quote #:

Collector(s): *Various*

QA/QC:

☒ Std

☐ Site Specific (MS/MSD) *

☐ RCP Pkg *

☐ DQAW *

Data Report ☒ PDF

☐ EDD - Specify Format

Other:

RSR Reporting Limits (check one)

☐ GA

☐ GB

☐ SWP

☐ Other

Laboratory Certification Needed (check one)

☐ CT

☐ NY

☐ RI

☐ MA

☐ PA

Temp Upon Receipt:

22°C

Evidence of Cooling:

Y

PAGE

4

OF

4

* Additional charge may apply.

** TAT begins when the samples are received at the Lab and all issues are resolved. TAT for samples received after 3 p.m. will start on the next business day. All samples picked up by courier service will be considered next business day receipt for TAT purposes.