

DATA PACKAGE

METALS

PROJECT NAME : ALL PROJECT

CENTURY MANAGEMENT SERVICES, INC

90 Beekman Street

New York, NY - 10038

Phone No: 212-267-6190

ORDER ID : Q2666

ATTENTION : Luis Dias



Laboratory Certification ID # 20012



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Cover Page

Order ID : Q2666

Project ID : ALL PROJECT

Client : Century Management Services, Inc

Lab Sample Number

Q2666-01

Client Sample Number

SBT-GARDEN-SOIL

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____

Date: 7/25/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

Century Management Services, Inc

Project Name: ALL PROJECT

Project # N/A

Order ID # Q2666

Test Name: Mercury, Metals ICP-TAL

A. Number of Samples and Date of Receipt:

1 Solid sample was received on 07/21/2025.

B. Parameters:

According to the Chain of Custody document, the following analyses were requested: Mercury, Metals ICP-TAL and METALS-TAL. This data package contains results for Mercury, Metals ICP-TAL.

C. Analytical Techniques:

The analysis of Metals ICP-TAL was based on method 6010D, digestion based on method 3050 (soils). The analysis and digestion of Mercury was based on method 7471B.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Blank Spike met requirements for all compounds.

The Duplicate (TR-04-072225DUP) analysis met criteria for all compounds except for Magnesium, Manganese and Nickel due to sample matrix interference. The Duplicate (TR-04-072225MSD) analysis met criteria for all compounds except for Magnesium due to Chemical Interference during Digestion process.

The Matrix Spike (TR-04-072225MS) analysis met criteria for all compounds except for Antimony and Manganese due to Chemical Interference during Digestion Process.

The Matrix Spike Duplicate (TR-04-072225MSD) analysis met criteria for all compounds except for Manganese due to Chemical Interference during Digestion Process.

The Blank analysis did not indicate the presence of lab contamination.

The Calibration met the requirements.

The Serial Dilution (TR-04-072225L) met criteria for all compounds except for Magnesium and Manganese due to sample matrix interference.

E. Additional Comments:

The Post Digest Spike (TR-04-072225A) analysis met criteria for all compounds except for Manganese due to unknown chemical interference of matrix with the addition of spike amount after digestion and before analysis; matrix has suppression effect during addition of spike.



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Signature_____

DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following “ Results Qualifiers” are used:

J	Indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).
U	Indicates the analyte was analyzed for, but not detected.
ND	Indicates the analyte was analyzed for, but not detected
E	Indicates the reported value is estimated because of the presence of interference
M	Indicates Duplicate injection precision not met.
N	Indicates the spiked sample recovery is not within control limits.
S	Indicates the reported value was determined by the Method of Standard Addition (MSA).
*	Indicates that the duplicate analysis is not within control limits.
+	Indicates the correlation coefficient for the MSA is less than 0.995.
D	Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
M	Method qualifiers “P” for ICP instrument “PM” for ICP when Microwave Digestion is used “CV” for Manual Cold Vapor AA “AV” for automated Cold Vapor AA “CA” for MIDI-Distillation Spectrophotometric “AS” for Semi -Automated Spectrophotometric “C” for Manual Spectrophotometric “T” for Titrimetric “NR” for analyte not required to be analyzed
OR	Indicates the analyte’s concentration exceeds the calibrated range of the instrument for that specific analysis.
Q	Indicates the LCS did not meet the control limits requirements
H	Sample Analysis Out Of Hold Time

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q2666

Completed

For thorough review, the report must have the following:

GENERAL:

Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)

✓

Check chain-of-custody for proper relinquish/return of samples

✓

Is the chain of custody signed and complete

✓

Check internal chain-of-custody for proper relinquish/return of samples /sample extracts

✓

Collect information for each project id from server. Were all requirements followed

✓

COVER PAGE:

Do numbers of samples correspond to the number of samples in the Chain of Custody on login page

✓

Do lab numbers and client Ids on cover page agree with the Chain of Custody

✓

CHAIN OF CUSTODY:

Do requested analyses on Chain of Custody agree with form I results

✓

Do requested analyses on Chain of Custody agree with the log-in page

✓

Were the correct method log-in for analysis according to the Analytical Request and Chain of Custody

✓

Were the samples received within hold time

✓

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: SOHIL JODHANI

Date: 07/25/2025

Hit Summary Sheet SW-846

SDG No.: Q2666 **Order ID:** Q2666
Client: Century Management Services, Inc **Project ID:** ALL PROJECT

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : SBT-GARDEN-SOIL								
Q2666-01	SBT-GARDEN-SOIL	SOIL	Aluminum	3760		1.80	10.7	mg/Kg
Q2666-01	SBT-GARDEN-SOIL	SOIL	Arsenic	4.99		0.41	2.14	mg/Kg
Q2666-01	SBT-GARDEN-SOIL	SOIL	Barium	66.8		1.56	10.7	mg/Kg
Q2666-01	SBT-GARDEN-SOIL	SOIL	Beryllium	0.26	J	0.054	0.64	mg/Kg
Q2666-01	SBT-GARDEN-SOIL	SOIL	Cadmium	0.47	J	0.051	0.64	mg/Kg
Q2666-01	SBT-GARDEN-SOIL	SOIL	Calcium	19500		23.8	214	mg/Kg
Q2666-01	SBT-GARDEN-SOIL	SOIL	Chromium	13.7		0.10	1.07	mg/Kg
Q2666-01	SBT-GARDEN-SOIL	SOIL	Cobalt	3.05	J	0.21	3.22	mg/Kg
Q2666-01	SBT-GARDEN-SOIL	SOIL	Copper	32.6		0.47	2.14	mg/Kg
Q2666-01	SBT-GARDEN-SOIL	SOIL	Iron	6040		8.55	10.7	mg/Kg
Q2666-01	SBT-GARDEN-SOIL	SOIL	Lead	43.1		0.28	1.29	mg/Kg
Q2666-01	SBT-GARDEN-SOIL	SOIL	Magnesium	3560		25.7	214	mg/Kg
Q2666-01	SBT-GARDEN-SOIL	SOIL	Manganese	262		0.30	2.14	mg/Kg
Q2666-01	SBT-GARDEN-SOIL	SOIL	Mercury	0.11		0.016	0.029	mg/Kg
Q2666-01	SBT-GARDEN-SOIL	SOIL	Nickel	9.04		0.28	4.29	mg/Kg
Q2666-01	SBT-GARDEN-SOIL	SOIL	Potassium	1020		59.4	214	mg/Kg
Q2666-01	SBT-GARDEN-SOIL	SOIL	Silver	0.28	J	0.26	1.07	mg/Kg
Q2666-01	SBT-GARDEN-SOIL	SOIL	Sodium	88.8	J	38.2	214	mg/Kg
Q2666-01	SBT-GARDEN-SOIL	SOIL	Thallium	0.57	J	0.49	4.29	mg/Kg
Q2666-01	SBT-GARDEN-SOIL	SOIL	Vanadium	11.1		0.54	4.29	mg/Kg
Q2666-01	SBT-GARDEN-SOIL	SOIL	Zinc	108		0.49	4.29	mg/Kg



SAMPLE DATA

Report of Analysis

Client:	Century Management Services, Inc	Date Collected:	07/21/25
Project:	ALL PROJECT	Date Received:	07/21/25
Client Sample ID:	SBT-GARDEN-SOIL	SDG No.:	Q2666
Lab Sample ID:	Q2666-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	43.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	3760		1	1.80	10.7	mg/Kg	07/23/25 11:05	07/23/25 17:16	6010D	SW3050
7440-36-0	Antimony	0.47	UN	1	0.47	5.36	mg/Kg	07/23/25 11:05	07/23/25 17:16	6010D	SW3050
7440-38-2	Arsenic	4.99		1	0.41	2.14	mg/Kg	07/23/25 11:05	07/23/25 17:16	6010D	SW3050
7440-39-3	Barium	66.8		1	1.56	10.7	mg/Kg	07/23/25 11:05	07/23/25 17:16	6010D	SW3050
7440-41-7	Beryllium	0.26	J	1	0.054	0.64	mg/Kg	07/23/25 11:05	07/23/25 17:16	6010D	SW3050
7440-43-9	Cadmium	0.47	J	1	0.051	0.64	mg/Kg	07/23/25 11:05	07/23/25 17:16	6010D	SW3050
7440-70-2	Calcium	19500		1	23.8	214	mg/Kg	07/23/25 11:05	07/23/25 17:16	6010D	SW3050
7440-47-3	Chromium	13.7		1	0.10	1.07	mg/Kg	07/23/25 11:05	07/23/25 17:16	6010D	SW3050
7440-48-4	Cobalt	3.05	J	1	0.21	3.22	mg/Kg	07/23/25 11:05	07/23/25 17:16	6010D	SW3050
7440-50-8	Copper	32.6		1	0.47	2.14	mg/Kg	07/23/25 11:05	07/23/25 17:16	6010D	SW3050
7439-89-6	Iron	6040		1	8.55	10.7	mg/Kg	07/23/25 11:05	07/23/25 17:16	6010D	SW3050
7439-92-1	Lead	43.1		1	0.28	1.29	mg/Kg	07/23/25 11:05	07/23/25 17:16	6010D	SW3050
7439-95-4	Magnesium	3560	*	1	25.7	214	mg/Kg	07/23/25 11:05	07/23/25 17:16	6010D	SW3050
7439-96-5	Manganese	262	N*	1	0.30	2.14	mg/Kg	07/23/25 11:05	07/23/25 17:16	6010D	SW3050
7439-97-6	Mercury	0.11		1	0.016	0.029	mg/Kg	07/23/25 10:55	07/23/25 13:27	7471B	
7440-02-0	Nickel	9.04	*	1	0.28	4.29	mg/Kg	07/23/25 11:05	07/23/25 17:16	6010D	SW3050
7440-09-7	Potassium	1020		1	59.4	214	mg/Kg	07/23/25 11:05	07/23/25 17:16	6010D	SW3050
7782-49-2	Selenium	0.56	U	1	0.56	2.14	mg/Kg	07/23/25 11:05	07/23/25 17:16	6010D	SW3050
7440-22-4	Silver	0.28	J	1	0.26	1.07	mg/Kg	07/23/25 11:05	07/23/25 17:16	6010D	SW3050
7440-23-5	Sodium	88.8	J	1	38.2	214	mg/Kg	07/23/25 11:05	07/23/25 17:16	6010D	SW3050
7440-28-0	Thallium	0.57	J	1	0.49	4.29	mg/Kg	07/23/25 11:05	07/23/25 17:16	6010D	SW3050
7440-62-2	Vanadium	11.1		1	0.54	4.29	mg/Kg	07/23/25 11:05	07/23/25 17:16	6010D	SW3050
7440-66-6	Zinc	108		1	0.49	4.29	mg/Kg	07/23/25 11:05	07/23/25 17:16	6010D	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	METALS-TAL			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N = Spiked sample recovery not within control limits

LAB CHRONICLE

OrderID:	Q2666	OrderDate:	7/22/2025 10:56:58 AM
Client:	Century Management Services, Inc	Project:	ALL PROJECT
Contact:	Luis Dias	Location:	D31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2666-01	SBT-GARDEN-SOIL	SOIL			07/21/25			07/21/25
			Mercury	7471B		07/23/25	07/23/25	
			Metals ICP-TAL	6010D		07/23/25	07/23/25	



SHIPPING DOCUMENTS

CLIENT INFORMATION

CLIENT PROJECT INFORMATION

CLIENT BILLING INFORMATION

REPORT TO BE SENT TO:

COMPANY: ~~THE~~ Centry Man.
ADDRESS: 90 BECKMAN Street
CITY: New York STATE: N.Y. ZIP: 10030
ATTENTION: Luis Diaz
PHONE: FAX:

PROJECT NAME:
PROJECT NO.: LOCATION:
PROJECT MANAGER:
e-mail:
PHONE: FAX:

BILL TO: PO#:
ADDRESS:
CITY: Same STATE: ZIP:
ATTENTION: PHONE:

ANALYSIS

DATA TURNAROUND INFORMATION

DATA DELIVERABLE INFORMATION

FAX (RUSH) DAYS*
HARDCOPY (DATA PACKAGE): DAYS*
EDD: DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B
+ Raw Data ☐ Other
☐ EDD FORMAT

METALS-TAL
Percent solid

PRESERVATIVES

COMMENTS

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES										COMMENTS
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1.	SBT-GARDEN soil	86L	X		7-21-25	1450	3										← Specify Preservatives A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER
2.																	
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER: 1. <i>[Signature]</i>	DATE/TIME: 1450 7-21-2025	RECEIVED BY: 1. <i>[Signature]</i>	Conditions of bottles or coolers at receipt: <input type="checkbox"/> COMPLIANT <input type="checkbox"/> NON COMPLIANT <input checked="" type="checkbox"/> COOLER TEMP 3.0 °C
RELINQUISHED BY SAMPLER: 2. <i>[Signature]</i>	DATE/TIME:	RECEIVED BY: 2. <i>[Signature]</i>	Comments:
RELINQUISHED BY SAMPLER: 3. <i>[Signature]</i>	DATE/TIME: 11054 7-21-2025	RECEIVED BY: 3. <i>[Signature]</i>	Page ____ of CLIENT: <input type="checkbox"/> Hand Delivered <input type="checkbox"/> Other Shipment Complete <input type="checkbox"/> YES <input type="checkbox"/> NO

CHEMTECH

Environmental Laboratory

www.chemtech.net | EMAIL: PM@chemtech.net

Project Name: _____

Chemtech Order ID: _____

Service Order #: _____

Sampler Name: Laurie Carter

Work Order #: _____

Client Project Coordinator & Phone: _____

Labor WBS #: _____

Page #: 1 of 1

Facility/Site: _____

Date: 7.21.2025

Site Address: 90 BIELMAN

Arrive Time: 1404

Streeting: 10038

Depart Time: 1450

Waste Stream (circle one): drum / roll-off / soil pile / in-situ / linear construction / frac-tank

GARDEN

Sample Matrices (circle all that apply): Water / Solid / NAPL / Concrete / Wipe

Collection Depths: _____

Dimensions/CY: _____

Temp (range): _____

°C

PID Readings (range): _____

PPM

Odor: Y / N

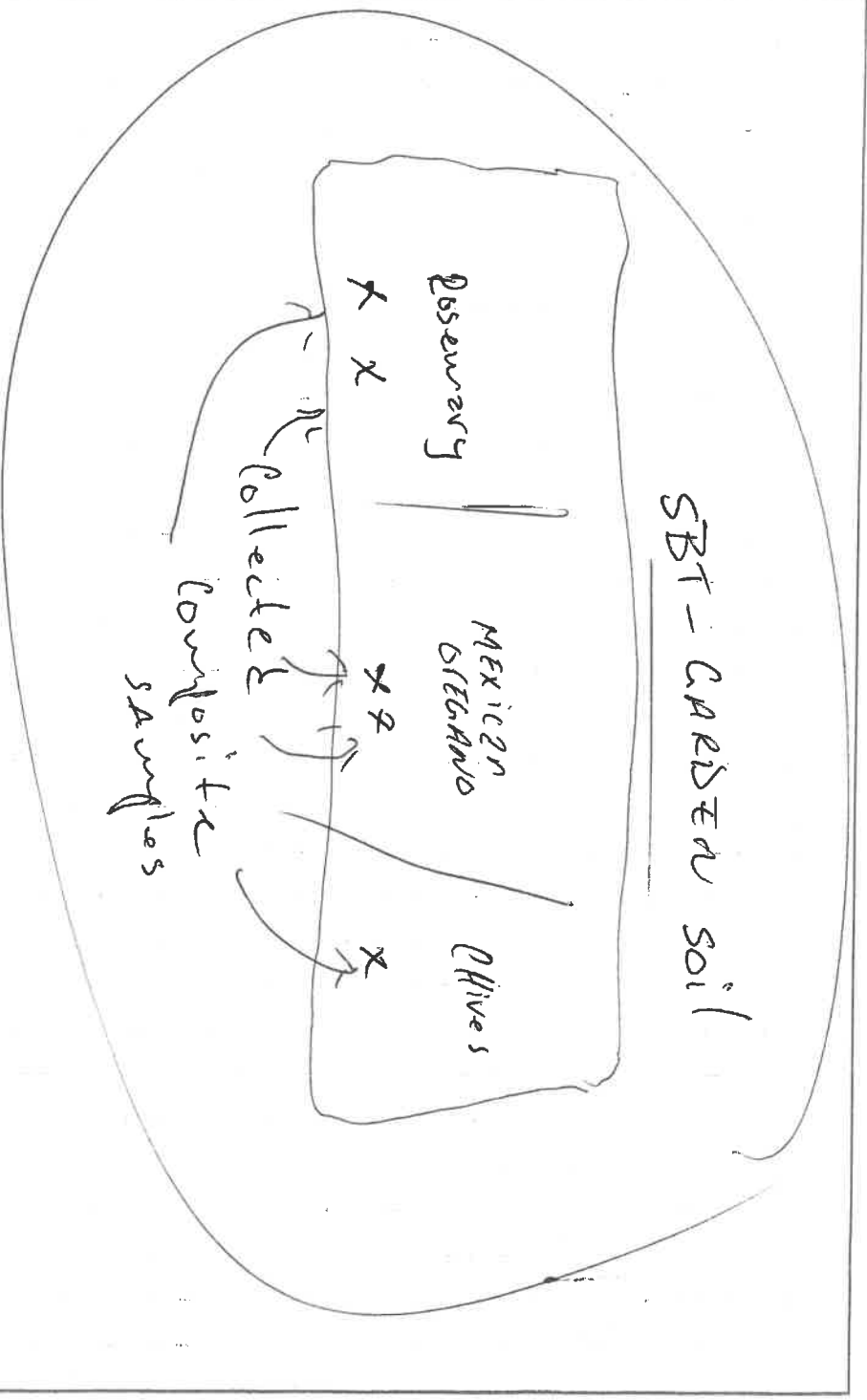
Color: W / N

Sample Description: Black Soil

Field Observations: Stungled, SBT-GARDEN SOIL

Grid/Area Composite Map:

QA Control # A3041134



Sampler Signature: [Signature]

7.21.2025

Supervisor Review/Date: _____

Client Signature: _____

Date/Time Arrived at Lab: _____

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488