

NOTICE AND NECESSARY INFORMATION (NANI)

This form is to assist compliance with the bulk sewage sludge (biosolids) notification requirements [503.12(f)]. Please note, however, that if the biosolids meet the Exceptional Quality (EQ) criteria, then the notification requirements do not apply. This form can be used by preparers of biosolids to transmit information to land appliers and also by land appliers to transmit information to landowners and lease holders.

Facility: East Bay Municipal Utility District

Biosolids Type: Sludge

Monitoring Period: From August 1, 2025

To August 31, 2025

To be completed by PREPARERS of Biosolids

A. Please provide pollutant concentrations.

Constituent	Concentration Dry Weight (mg/kg) ¹	Pollutant Concentrations (Table 3, 40 CFR 503.13) Monthly Average (mg/kg)	Ceiling Concentrations ² (Table 1, 40 CFR 503.13) Daily Maximum (mg/kg)
	Arsenic	8.1	41
Cadmium	1.0	39	85
Copper	356.2	1500	4300
Lead	28.3	300	840
Mercury	0.5	17	57
Molybdenum	4.6	N/A ³	75
Nickel	29	420	420
Selenium	17.4	100	100
Zinc	762	2800	7500
TKN	56,190	N/A	N/A
Ammonia-N	8,571	N/A	N/A
Nitrate-N	5.2	N/A	N/A
Percent Solids	21	N/A	N/A

¹ Dry weights were calculated from wet weights provided in analytical reports.

² Biosolids may not be land applied if any pollutant exceeds these values.

³ EPA has temporarily removed molybdenum limits from Table 3.

Attached: Analytical Data Report(s): C038409

B. Class B Pathogen Reduction (40 CFR 503.32) -- Please indicate process performed.

- | | | |
|---|---|---|
| <input type="checkbox"/> Geometric mean of 7 fecal coliform samples | <input type="checkbox"/> Aerobic digestion | <input type="checkbox"/> Composting |
| | <input type="checkbox"/> Air drying | <input type="checkbox"/> Lime stabilization |
| | <input checked="" type="checkbox"/> Anaerobic digestion | <input type="checkbox"/> PSRP equivalent |

C. Vector Attraction Reduction (40 CFR 503.33) -- Please indicate the option performed.

- | | |
|--|---|
| <input checked="" type="checkbox"/> Option 1: VSR > 38% | <input type="checkbox"/> Option 6: pH ≥ 12 by alkali addition |
| <input type="checkbox"/> Option 2: Anaerobic Bench scale test, VSR < 17% after 40 days | <input type="checkbox"/> Option 7: Stabilized solids ≤ 75% |
| <input type="checkbox"/> Option 3: Aerobic Bench scale test, VSR < 15% after 30 days | <input type="checkbox"/> Option 8: Unstabilized solids ≥ 90% |
| <input type="checkbox"/> Option 4: SOUR ≤ 1.5 mg O2/hr/gram | <input type="checkbox"/> Option 9: Injection within 1 hour |
| <input type="checkbox"/> Option 5: Temp > 40 °C for 14 days | <input type="checkbox"/> Option 10: Soil incorporation within 6 hours |

D. Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering information, the information is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A. Name and Official Title: Kevin R. Dickison, Wastewater Superintendent	B. Area Code and Telephone Number: (510) 287-1502
C. Signature: 	D. Date signed: <p style="text-align: right;">1/20/26</p>



Analytical Results Report

06 October 2025

Kevin Dickison

MS 59

Re: Monthly 503 Biosolids Monitoring

COC# C038409

Report Generated: 10/06/2025 10:23

Login Performance Summary

- 0 Lost Analyses
- 0 Hold Time Exceedances
- Analytical analyses did not meet the turnaround time

Report Notes

Composite of C037656, C037758, C037833, C037940, C038134, C038223, C038334, C038037. 8 sets of grabs received for August 2025, composited in lab by ACN on 09/02/2025 at 10:57.

For questions concerning this report, please contact:

Reported By:

Sue Berg
Senior Chemist

Approved By:

Yuyun Shang
Lab Manager



Samples for C038409

Samples Included in the Report

Sample Number	Sample Type	Sampled Date	Location Name	Sample Name
C038409-01	COMP	Aug 29 2025 08:00	WWTP DEWATERING - CAKE COMBINED	-



Samples Results for C038409

Sample ID: C038409-01
Site: WWTP DEWATERING SD-1 Wastewater Treatment Plant : Digested Sludge Dewatering
Locator: CAKE COMBINED (DWKC) Dewatering Building Cake
Client: Monthly 503 Biosolids Monitoring
Sample Type: COMP
Date Collected: Aug 29 2025 08:00 **Sample Collector:** WWTP OPS
Date Received: Sep 02 2025 10:25 **Sample Receiver:** A Ng
Sample Comments: Field Comments: Comp Batch: B250902-014 Composite of C037656, C037758, C037833, C037940, C038134, C038223, C038334, C038037. 8 sets of grabs received for August 2025, composited in lab by ACN on 09/02/2025 at 10:57.

Analyte	Qualifier	Result	MDL	RL	Units	DF	Batch	Prepared	Analyzed
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Total Solids by SM 2540 G-2015

TARGET ANALYTES

Total Solids		21	0.04	0.15	%		B250903-015		09/03/2025 10:55
Comments: Analyte not available for certification by CA ELAP									

Ammonia as N by SM 4500-NH3 C-2011

TARGET ANALYTES

Ammonia as N		1800	35	380	mg/kg	250	B250904-009		09/04/2025 09:00
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Organic Nitrogen-SOL by SM4500-N ORG C (1997, Calculation)

TARGET ANALYTES

Organic Nitrogen as N, calculated		10000	163		mg/kg		B250910-025		09/10/2025 17:00
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Total Kjeldahl Nitrogen As N by EPA 350.1

TARGET ANALYTES

Total Kjeldahl Nitrogen as N		11800	550	1000	mg/kg	500	B250909-002		09/10/2025 13:53
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Anions by EPA 300.1A by EPA 300.1-Modified

TARGET ANALYTES

Nitrate as N	E1	1.1	1.1	7.5	mg/kg	250	B250905-005	09/05/2025 11:46	09/05/2025 21:11
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SURROGATES

Dichloroacetate (%)		110			%	250	B250905-005	09/05/2025 11:46	09/05/2025 21:11
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Mercury by EPA 7471 A

TARGET ANALYTES

Mercury		0.109	0.014	0.041	mg/kg	1.0	B250908-006		09/09/2025 10:57
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Metals by EPA 6010 B

TARGET ANALYTES

Arsenic	E1	1.71	0.20	3.59	mg/kg	0.72	B251001-001	09/26/2025 08:30	10/01/2025 10:16
Cadmium	E1	0.21	0.03	3.59	mg/kg	0.72	B251001-001	09/26/2025 08:30	10/01/2025 10:16
Chromium		7.93	0.57	3.59	mg/kg	0.72	B251001-001	09/26/2025 08:30	10/01/2025 10:16
Copper		74.8	0.08	3.59	mg/kg	0.72	B251001-001	09/26/2025 08:30	10/01/2025 10:16
Molybdenum	E1	0.97	0.11	3.59	mg/kg	0.72	B251001-001	09/26/2025 08:30	10/01/2025 10:16
Nickel		6.05	0.18	3.59	mg/kg	0.72	B251001-001	09/26/2025 08:30	10/01/2025 10:16
Lead		5.95	0.14	3.59	mg/kg	0.72	B251001-001	09/26/2025 08:30	10/01/2025 10:16
Selenium		3.65	0.61	3.59	mg/kg	0.72	B251001-001	09/26/2025 08:30	10/01/2025 10:16
Zinc		160	0.17	3.59	mg/kg	0.72	B251001-001	09/26/2025 08:30	10/01/2025 10:16

INTERNAL STANDARD

Yttrium (%)		103			%	0.72	B251001-001	09/26/2025 08:30	10/01/2025 10:16
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Quality Control for C038409

Analyte	Qualifier	Result	MDL	RL	Units	Spike Level	Source Result	% REC	% REC Limits	RPD	RPD Limits
Total and Volatile Solids DUP by SM 2540 G-2015, EPA 160.4, B250903-015											
B250903-015 analyzed on 09/03/2025 10:55; Source = C038420-04											
Total Solids		4.3	0.04	0.15	%		4.3			0.2	10
Total and Volatile Solids MB by SM 2540 G-2015, EPA 160.4, B250903-015											
B250903-015 analyzed on 09/03/2025 10:55											
Total Solids	U	0.04	0.04	0.15	%						
Ammonia as N LCS by SM 4500-NH3 C-2011, B250904-009											
B250904-009 analyzed on 09/04/2025 09:00											
Ammonia as N		11	0.14	1.5	mg/L	12		95	90 - 110		
Ammonia as N LOQ by SM 4500-NH3 C-2011, B250904-009											
B250904-009 analyzed on 09/04/2025 09:00											
Ammonia as N		1.7	0.14	1.5	mg/L	1.5		114	50 - 150		
Ammonia as N MB by SM 4500-NH3 C-2011, B250904-009											
B250904-009 analyzed on 09/04/2025 09:00											
Ammonia as N	U	0.14	0.14	1.5	mg/L						
Ammonia as N MS by SM 4500-NH3 C-2011, B250904-009											
B250904-009 analyzed on 09/04/2025 09:00; Source = C038057-08											
Ammonia as N		97	0.70	7.5	mg/L	60	37	100	80 - 115		
Ammonia as N MSD by SM 4500-NH3 C-2011, B250904-009											
B250904-009 analyzed on 09/04/2025 09:00; Source = C038057-08											
Ammonia as N		97	0.70	7.5	mg/L	60	37	99	80 - 115	0.2	10
Ammonia as N LCS by SM 4500-NH3 C-2011, B250904-009											
B250904-009 analyzed on 09/04/2025 09:00											
Ammonia as N		2800	35	380	mg/kg	3000		93	85 - 115		
Ammonia as N MB by SM 4500-NH3 C-2011, B250904-009											
B250904-009 analyzed on 09/04/2025 09:00											
Ammonia as N	U	35	35	380	mg/kg						
Total Kjeldahl Nitrogen As N DUP by EPA 350.1, B250909-002											
B250909-002 analyzed on 09/10/2025 12:44; Source = C038540-01											
Total Kjeldahl Nitrogen as N	U	1.1	1.1	2.0	mg/L		1.1			NC	10



Quality Control for C038409

Analyte	Qualifier	Result	MDL	RL	Units	Spike Level	Source Result	% REC	% REC Limits	RPD	RPD Limits
Total Kjeldahl Nitrogen As N DUP by EPA 350.1, B250909-002											
B250909-002 analyzed on 09/10/2025 13:17; Source = C038416-01											
Total Kjeldahl Nitrogen as N		53.4	4.4	8.0	mg/L		53.8			0.7	10
Total Kjeldahl Nitrogen As N LCS by EPA 350.1, B250909-002											
B250909-002 analyzed on 09/10/2025 11:56											
Total Kjeldahl Nitrogen as N		15.6	1.1	2.0	mg/L	16.0		97	90 - 110		
Total Kjeldahl Nitrogen As N LCSD by EPA 350.1, B250909-002											
B250909-002 analyzed on 09/10/2025 11:59											
Total Kjeldahl Nitrogen as N		15.8	1.1	2.0	mg/L	16.0		99	90 - 110	1.6	10
Total Kjeldahl Nitrogen As N LOQ by EPA 350.1, B250909-002											
B250909-002 analyzed on 09/10/2025 12:05											
Total Kjeldahl Nitrogen as N		2.0	1.1	2.0	mg/L	2.00		101	50 - 150		
Total Kjeldahl Nitrogen As N MB by EPA 350.1, B250909-002											
B250909-002 analyzed on 09/10/2025 11:47											
Total Kjeldahl Nitrogen as N	U	1.1	1.1	2.0	mg/L						
Total Kjeldahl Nitrogen As N MS by EPA 350.1, B250909-002											
B250909-002 analyzed on 09/10/2025 12:47; Source = C038540-01											
Total Kjeldahl Nitrogen as N		15.8	1.1	2.0	mg/L	16.0	1.1	98	90 - 110		
Total Kjeldahl Nitrogen As N MS by EPA 350.1, B250909-002											
B250909-002 analyzed on 09/10/2025 13:20; Source = C038416-01											
Total Kjeldahl Nitrogen as N		116	4.4	8.0	mg/L	64.0	53.8	97	90 - 110		
Total Kjeldahl Nitrogen As N QCS by EPA 350.1, B250909-002											
B250909-002 analyzed on 09/10/2025 11:44											
Total Kjeldahl Nitrogen as N		20.0	1.1	2.0	mg/L	19.9		101	90 - 110		
Total Kjeldahl Nitrogen As N LCS by EPA 350.1, B250909-002											
B250909-002 analyzed on 09/10/2025 11:53											
Total Kjeldahl Nitrogen as N		1980	138	250	mg/kg	2000		99	90 - 110		
Total Kjeldahl Nitrogen As N MB by EPA 350.1, B250909-002											
B250909-002 analyzed on 09/10/2025 11:49											
Total Kjeldahl Nitrogen as N	U	138	138	250	mg/kg						
Anions DUP by EPA 300.1-Modified, B250905-005											
B250905-005 analyzed on 09/05/2025 22:28; Source = C038409-01											
Nitrate as N	E1	1.2	1.1	7.5	mg/kg		1.1			2.9	10



Quality Control for C038409

Analyte	Qualifier	Result	MDL	RL	Units	Spike Level	Source Result	% REC	% REC Limits	RPD	RPD Limits
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Dichloroacetate (%)		110			%		110				
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Anions LCS by EPA 300.1-Modified, B250905-005

B250905-005 analyzed on 09/05/2025 20:33

Nitrate as N		0.087	0.0044	0.03	mg/kg	0.09		97	85 - 115		
Dichloroacetate (%)		106			%						

Anions LOQ-Modified by EPA 300.1-Modified, B250905-005

B250905-005 analyzed on 09/05/2025 19:56

Nitrate as N		0.031	0.0044	0.03	mg/kg	0.03		102	50 - 150		
Dichloroacetate (%)		104			%						

Anions MB by EPA 300.1-Modified, B250905-005

B250905-005 analyzed on 09/05/2025 19:18

Nitrate as N	U	0.0044	0.0044	0.03	mg/kg						
Dichloroacetate (%)		102			%						

Anions MS by EPA 300.1-Modified, B250905-005

B250905-005 analyzed on 09/05/2025 23:44; Source = C038409-01

Nitrate as N		22	1.1	7.5	mg/kg	22	1.1	92	75 - 125		
Dichloroacetate (%)		108			%		110				

Mercury LCS by EPA 7471 A, B250908-006

B250908-006 analyzed on 09/09/2025 10:51

Mercury		0.336	0.014	0.042	mg/kg	0.33		101	80 - 120		
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Mercury LCSD by EPA 7471 A, B250908-006

B250908-006 analyzed on 09/09/2025 10:53

Mercury		0.327	0.014	0.042	mg/kg	0.33		98	80 - 120	2.7	10
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Mercury LOQ by EPA 7471 A, B250908-006

B250908-006 analyzed on 09/09/2025 10:49

Mercury	E1	0.042	0.014	0.042	mg/kg	0.042		100	50 - 150		
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Mercury MB by EPA 7471 A, B250908-006

B250908-006 analyzed on 09/09/2025 10:45

Mercury	U	0.014	0.014	0.042	mg/kg						
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Mercury MS by EPA 7471 A, B250908-006

B250908-006 analyzed on 09/09/2025 10:59; Source = C038409-01

Mercury		0.412	0.014	0.042	mg/kg	0.33	0.109	90	75 - 125		
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Quality Control for C038409

Analyte	Qualifier	Result	MDL	RL	Units	Spike Level	Source Result	% REC	% REC Limits	RPD	RPD Limits
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Mercury MSD by EPA 7471 A, B250908-006

B250908-006 analyzed on 09/09/2025 11:01; Source = C038409-01

Mercury		0.440	0.014	0.042	mg/kg	0.33	0.109	100	75 - 125	6.4	20
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Mercury QCS by EPA 7471 A, B250908-006

B250908-006 analyzed on 09/09/2025 10:55

Mercury		20.3	0.559	1.68	mg/kg	19		106	80 - 167		
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Metals DUP by EPA 6010 B, B251001-001

B251001-001 analyzed on 10/01/2025 10:18; B250925-012 prepared on 09/26/2025 08:30; Source = C038409-01

Arsenic	E1	1.53	0.20	3.57	mg/kg		1.71			10.9	20
Cadmium	E1	0.18	0.03	3.57	mg/kg		0.21			17.3	20
Chromium		7.42	0.57	3.57	mg/kg		7.93			6.6	20
Copper		74.2	0.08	3.57	mg/kg		74.8			0.8	20
Molybdenum	E1	1.03	0.08	3.57	mg/kg		0.97			5.9	20
Nickel		5.67	0.18	3.57	mg/kg		6.05			6.3	20
Lead		4.92	0.14	3.57	mg/kg		5.95			18.8	20
Selenium	E1	3.55	0.61	3.57	mg/kg		3.65			2.9	20
Zinc		159	0.17	3.57	mg/kg		160			0.9	20
Yttrium (%)		103			%		103				

Metals LCS by EPA 6010 B, B251001-001

B251001-001 analyzed on 10/01/2025 09:51; B250925-012 prepared on 09/26/2025 08:30

Arsenic		102	0.28	4.97	mg/kg	99		102	80 - 120		
Cadmium		20.0	0.04	4.97	mg/kg	20		101	80 - 120		
Chromium		50.9	0.79	4.97	mg/kg	50		102	80 - 120		
Copper		49.4	0.12	4.97	mg/kg	50		99	80 - 120		
Molybdenum		20.1	0.10	4.97	mg/kg	20		101	80 - 120		
Nickel		49.5	0.24	4.97	mg/kg	50		100	80 - 120		
Lead		50.0	0.20	4.97	mg/kg	50		100	80 - 120		
Selenium		52.7	0.84	4.97	mg/kg	50		106	80 - 120		
Zinc		50.7	0.23	4.97	mg/kg	50		102	80 - 120		
Yttrium (%)		105			%						

Metals LCS by EPA 6010 B, B251001-001

B251001-001 analyzed on 10/01/2025 09:56; B250925-012 prepared on 09/26/2025 08:30

Arsenic		102	0.28	5.00	mg/kg	100		102	80 - 120		
Cadmium		20.2	0.04	5.00	mg/kg	20		101	80 - 120		
Chromium		51.3	0.79	5.00	mg/kg	50		102	80 - 120		
Copper		49.8	0.12	5.00	mg/kg	50		100	80 - 120		
Molybdenum		20.2	0.11	5.00	mg/kg	20		101	80 - 120		
Nickel		49.9	0.25	5.00	mg/kg	50		100	80 - 120		
Lead		50.3	0.20	5.00	mg/kg	50		100	80 - 120		
Selenium		52.6	0.85	5.00	mg/kg	50		105	80 - 120		
Zinc		51.1	0.23	5.00	mg/kg	50		102	80 - 120		
Yttrium (%)		105			%						

Metals LCS by EPA 6010 B, B251001-001

B251001-001 analyzed on 10/01/2025 09:59; B250925-012 prepared on 09/26/2025 08:30

Arsenic		101	0.28	4.99	mg/kg	100		101	80 - 120		
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Quality Control for C038409

Analyte	Qualifier	Result	MDL	RL	Units	Spike Level	Source Result	% REC	% REC Limits	RPD	RPD Limits
Cadmium		20.0	0.04	4.99	mg/kg	20		100	80 - 120		
Chromium		50.8	0.79	4.99	mg/kg	50		102	80 - 120		
Copper		49.7	0.12	4.99	mg/kg	50		100	80 - 120		
Molybdenum		20.0	0.10	4.99	mg/kg	20		100	80 - 120		
Nickel		49.4	0.25	4.99	mg/kg	50		99	80 - 120		
Lead		49.8	0.20	4.99	mg/kg	50		100	80 - 120		
Selenium		52.8	0.85	4.99	mg/kg	50		106	80 - 120		
Zinc		50.6	0.23	4.99	mg/kg	50		101	80 - 120		
Yttrium (%)		105			%						

Metals LCS by EPA 6010 B, B251001-001

B251001-001 analyzed on 10/01/2025 10:07; B250925-012 prepared on 09/26/2025 08:30

Arsenic		102	0.28	5.00	mg/kg	100		102	80 - 120		
Cadmium		20.2	0.04	5.00	mg/kg	20		101	80 - 120		
Chromium		51.2	0.79	5.00	mg/kg	50		102	80 - 120		
Copper		49.8	0.12	5.00	mg/kg	50		100	80 - 120		
Molybdenum		20.2	0.11	5.00	mg/kg	20		101	80 - 120		
Nickel		49.7	0.25	5.00	mg/kg	50		99	80 - 120		
Lead		50.2	0.20	5.00	mg/kg	50		100	80 - 120		
Selenium		53.2	0.85	5.00	mg/kg	50		106	80 - 120		
Zinc		51.2	0.23	5.00	mg/kg	50		102	80 - 120		
Yttrium (%)		105			%						

Metals LCSD by EPA 6010 B, B251001-001

B251001-001 analyzed on 10/01/2025 09:53; B250925-012 prepared on 09/26/2025 08:30

Arsenic		102	0.28	5.00	mg/kg	100		102	80 - 120	0.4	10
Cadmium		20.1	0.04	5.00	mg/kg	20		100	80 - 120	0.5	10
Chromium		50.9	0.79	5.00	mg/kg	50		102	80 - 120	0.5	10
Copper		49.8	0.12	5.00	mg/kg	50		100	80 - 120	0.0	10
Molybdenum		20.1	0.11	5.00	mg/kg	20		100	80 - 120	0.5	10
Nickel		49.6	0.25	5.00	mg/kg	50		99	80 - 120	0.2	10
Lead		49.9	0.20	5.00	mg/kg	50		100	80 - 120	0.6	10
Selenium		52.4	0.85	5.00	mg/kg	50		105	80 - 120	1.5	10
Zinc		50.8	0.23	5.00	mg/kg	50		102	80 - 120	0.7	10
Yttrium (%)		105			%						

Metals MB by EPA 6010 B, B251001-001

B251001-001 analyzed on 10/01/2025 09:42; B250925-012 prepared on 09/26/2025 08:30

Arsenic	U	0.28	0.28	4.99	mg/kg						
Cadmium	U	0.04	0.04	4.99	mg/kg						
Chromium	U	0.79	0.79	4.99	mg/kg						
Copper	U	0.12	0.12	4.99	mg/kg						
Molybdenum	U	0.10	0.10	4.99	mg/kg						
Nickel	U	0.25	0.25	4.99	mg/kg						
Lead	U	0.20	0.20	4.99	mg/kg						
Selenium	U	0.85	0.85	4.99	mg/kg						
Zinc	U	0.23	0.23	4.99	mg/kg						
Yttrium (%)		107			%						

Metals MS by EPA 6010 B, B251001-001

B251001-001 analyzed on 10/01/2025 10:21; B250925-012 prepared on 09/26/2025 08:30; Source = C038409-01

Arsenic		74.2	0.20	3.58	mg/kg	72	1.71	101	75 - 125		
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Quality Control for C038409

Analyte	Qualifier	Result	MDL	RL	Units	Spike Level	Source Result	% REC	% REC Limits	RPD	RPD Limits
Cadmium		14.5	0.03	3.58	mg/kg	14	0.21	100	75 - 125		
Chromium		43.7	0.57	3.58	mg/kg	36	7.93	100	75 - 125		
Copper		110	0.08	3.58	mg/kg	36	74.8	100	75 - 125		
Molybdenum		15.2	0.08	3.58	mg/kg	14	0.97	99	75 - 125		
Nickel		41.2	0.18	3.58	mg/kg	36	6.05	98	75 - 125		
Lead		41.8	0.14	3.58	mg/kg	36	5.95	100	75 - 125		
Selenium		42.4	0.61	3.58	mg/kg	36	3.65	108	75 - 125		
Zinc		190	0.17	3.58	mg/kg	36	160	83	75 - 125		
Yttrium (%)		103			%		103				

Metals QCS by EPA 6010 B, B251001-001

B251001-001 analyzed on 10/01/2025 10:10; B250925-012 prepared on 09/26/2025 08:30

Arsenic		173	0.70	12.5	mg/kg	180		96	80 - 126.7		
Cadmium		178	0.10	12.5	mg/kg	200		90	80 - 120		
Chromium		188	1.98	12.5	mg/kg	210		89	80 - 120		
Copper		199	0.30	12.5	mg/kg	230		87	78.6 - 120		
Molybdenum		112	0.26	12.5	mg/kg	120		97	77.1 - 120		
Nickel		95.4	0.62	12.5	mg/kg	110		88	78.7 - 120		
Lead		232	0.50	12.5	mg/kg	260		89	78.2 - 120		
Selenium		114	2.12	12.5	mg/kg	120		98	80 - 120		
Zinc		243	0.58	12.5	mg/kg	260		92	80 - 120		
Yttrium (%)		111			%						



Qualifiers and Definitions

- E1 Concentration estimated. Analyte detected below reporting limit (RL) but above MDL. For SIP, E1=DNQ, Estimated Concentration.
- NC RPD not calculable. Result less than MDL.
- U Analyte not detected.

Qualifiers for subcontract work – see parameter comment for description
Corrections for dilutions for matrix effects applied to the MDL and RL.



QC Types and Definitions

DUP	Duplicate Sample
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
LOQ	Limit of Quantitation
MB	Method Blank
MS	Matrix Spike
MSD	Matrix Spike Duplicate
QCS	Quality Control Sample



East Bay Municipal Utility District Laboratory Services Division Chain of Custody Record

		COC #: C038409	Project Title: Monthly 503 Biosolids Monitoring TAT: Standard	Client PM: Kevin Dickison Lab PM: Sue Berg Job #:	Received Date/Time: 09/02/2025 10:25 Received By: Alvin Ng Sampled By: WWTP OPS Due Date: 09/30/2025			
Date	Time	Site/Locator	Sample ID	Type	Matrix	ID	Type	Tests Required
08/29/2025	08:00	WWTP DEWATERING - CAKE COMBINED	C038409-01	COMP	Solid			+SAMP KIT
						-01A	CUP	TS
						-01B	PLSTL	Ammonia: Titr-SOL, Organic Nitrogen-SOL, SFA TKN-SOL
						-01C	PLSTL	EPA 7471 Hg, EPA 6010-SOL (As,Cd,Cr,Cu,Mo,Ni,Pb,Se,Zn)
						-01D	JARS	+SAVE 180
						-01E	JARS	EPA 300.1-SOL (NO3)
Field Comments: Comp Batch: B250902-014 Composite of C037656, C037758, C037833, C037940, C038134, C038223, C038334, C038037. 8 sets of grabs received for August 2025, composited in lab by ACN on 09/02/2025 at 10:57.								
Field Instructions: Sample composited by lab staff from grabs collected during the month.								
Sample External Comments:								

Total Containers for: C038409 5



C038409 Sample Acceptance Report

Received: 09/02/2025 10:25
Received By: Alvin Ng

Chain-of-Custody		Comments
Chilled During Transport?	Yes	
Missing or incorrect information	No	
Mode of receipt	Drop-off Room	
Shipping Slip?	No	

Containers		Comments
BACT lot number(s)	Add lot no	
Container and label are legible and match COC?	Yes	
Correct container used with field preservation?	Yes	
Received within holding times?	Yes	
Sufficient volume, undamaged, or uncontaminated?	Yes	

Intent to chill		Comments
Cooler: 1		
Corrected Temp (° C)	7.9	
IR Thermometer Number	IR #17	
Representative temperature taken from	-01	
Uncorrected Temp (° C)	7.5	
Visible ice formed inside sample container?	No	

Acceptance		Comments
PM notified?	N/A	
Samples meet acceptance requirements?	Yes	



Sample Acceptance Preservation Report

Report Generated: 09/02/2025 11:01

No preservation upon sample receipt required for this sampling event



EAST BAY MUNICIPAL UTILITY DISTRICT - LABORATORY SERVICES DIVISION

Analyst: Composite	Batch: B250902-014
Analyst: ACN	Composited Date/Time: 09/02/2025 10:57

Sample ID	Samp Type	Sampled Date/Time	Amount (g)
C037656-01	WWTP DEWATERING - CAKE C 05	08/01/2025 8:00	100
C037758-01	WWTP DEWATERING - CAKE C 05	08/05/2025 7:53	100
C037833-01	WWTP DEWATERING - CAKE C 05	08/08/2025 10:50	100
C037940-01	WWTP DEWATERING - CAKE C 04	08/12/2025 7:10	100
C038037-01	WWTP DEWATERING - CAKE C 04	08/29/2025 8:00	100
C038134-01	WWTP DEWATERING - CAKE C 04	08/19/2025 8:00	100
C038223-01	WWTP DEWATERING - CAKE C 04	08/22/2025 8:00	100
C038334-01	WWTP DEWATERING - CAKE C 04	08/26/2025 8:37	100