



Alpha Analytical Laboratories Inc.

e-mail: clientservices@alpha-labs.com

Corporate: 208 Mason St., Ukiah, CA 95482 • Phone: (707) 468-0401 • Fax: (707) 468-5267

Bay Area: 6398 Dougherty Rd., Suite 35, Dublin, CA 94568 • Phone: (925) 828-6226 • Fax: (925) 828-6309

Central Valley: 9090 Union Park Way, Suite 113, Elk Grove, CA 95624 • Phone: (916) 686-5190 • Fax: (916) 686-5192

ELAP Certificates 1551, 2728, and 2922

03 June 2015

West Bay Sanitary District

Attn: Mark Pratulon

500 Laurel Street

Menlo Park, CA 94025

RE: Reclaimed Study

Work Order: 15E1711

Enclosed are the results of analyses for samples received by the laboratory on 05/18/15 22:50. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Jeanette L. Poplin For Robbie C. Phillips
Project Manager



Alpha Analytical Laboratories Inc.

e-mail: clientservices@alpha-labs.com

Corporate: 208 Mason St., Ukiah, CA 95482 • Phone: (707) 468-0401 • Fax: (707) 468-5267

Bay Area: 6398 Dougherty Rd., Suite 35, Dublin, CA 94568 • Phone: (925) 828-6226 • Fax: (925) 828-6309

Central Valley: 9090 Union Park Way, Suite 113, Elk Grove, CA 95624 • Phone: (916) 686-5190 • Fax: (916) 686-5192

CHEMICAL EXAMINATION REPORT

Page 1 of 11

West Bay Sanitary District
500 Laurel Street
Menlo Park, CA 94025
Attn: Mark Praturlon

Report Date: 06/03/15 07:53
Project No: -
Project ID: Reclaimed Study

Order Number

15E1711

Receipt Date/Time

05/18/2015 22:50

Client Code

WESTBAY

Client PO/Reference

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
051515-A Alpine Dr.	15E1711-01	Water	05/15/15 00:00	05/18/15 22:50
051515-B	15E1711-02	Water	05/15/15 00:00	05/18/15 22:50



Alpha Analytical Laboratories Inc.

e-mail: clientservices@alpha-labs.com

Corporate: 208 Mason St., Ukiah, CA 95482 • Phone: (707) 468-0401 • Fax: (707) 468-5267

Bay Area: 6398 Dougherty Rd., Suite 35, Dublin, CA 94568 • Phone: (925) 828-6226 • Fax: (925) 828-6309

Central Valley: 9090 Union Park Way, Suite 113, Elk Grove, CA 95624 • Phone: (916) 686-5190 • Fax: (916) 686-5192

CHEMICAL EXAMINATION REPORT

Page 2 of 11

West Bay Sanitary District
500 Laurel Street
Menlo Park, CA 94025
Attn: Mark Praturlon

Report Date: 06/03/15 07:53
Project No: -
Project ID: Reclaimed Study

Order Number
15E1711

Receipt Date/Time
05/18/2015 22:50

Client Code
WESTBAY

Client PO/Reference

Alpha Analytical Laboratories, Inc.

	METHOD	BATCH	PREPARED	ANALYZED	DILUTION	RESULT	PQL	NOTE
051515-A Alpine Dr. (15E1711-01)								
			Sample Type: Water		Sampled: 05/15/15 00:00			
Metals by EPA 200 Series Methods								
Boron	EPA 200.7	AE52753	05/27/15 12:33	06/01/15 13:33	1	0.22 mg/L	0.050	
Calcium	"	"	"	"	"	51 "	1.0	
Magnesium	"	"	"	"	"	8.6 "	1.0	
Sodium	"	"	"	"	"	280 "	1.0	
Conventional Chemistry Parameters by APHA/EPA Methods								
Ammonia as NH3	SM4500NH3C	AE52148	05/26/15 08:00	05/26/15 17:00	1	67 mg/L	0.50	
Biochemical Oxygen Demand	SM5210B	AE52064	05/15/15 18:00	05/20/15 15:00	"	320 "	5.0	
Total Dissolved Solids	SM2540C	AE52029	05/20/15 10:00	05/26/15 13:00	"	1000 "	10	
Total Suspended Solids	SM2540D	AE52033	05/20/15 14:00	05/22/15 17:00	"	870 "	1.0	
Silica	SM4500-SiO2 C	AE52143	05/21/15 15:00	05/21/15 17:30	"	16 "	1.0	
Total Kjeldahl Nitrogen	SM4500-Norg B	AE52811	05/29/15 07:57	06/01/15 09:00	"	90 "	1.0	
Total Nitrogen	SM4500-N	AE52835	05/28/15 11:19	06/01/15 16:30	"	90 "	1.0	
Phosphorus, total	SM4500-P E	AE52904	05/29/15 08:30	05/29/15 10:50	5	10 "	2.0	
Anions by EPA Method 300.0								
Chloride	EPA 300.0	AE51945	05/19/15 16:10	05/19/15 16:10	25	380 mg/L	12	
Nitrate as N	"	"	05/20/15 00:37	05/20/15 00:37	1	ND "	0.20	T-2
Nitrite as N	"	"	"	"	"	ND "	0.20	T-2
051515-B (15E1711-02)								
			Sample Type: Water		Sampled: 05/15/15 00:00			
Metals by EPA 200 Series Methods								
Boron	EPA 200.7	AE52753	05/27/15 12:33	06/01/15 13:37	1	0.13 mg/L	0.050	
Calcium	"	"	"	"	"	29 "	1.0	
Magnesium	"	"	"	"	"	17 "	1.0	
Sodium	"	"	"	"	"	46 "	1.0	



Alpha Analytical Laboratories Inc.

e-mail: clientservices@alpha-labs.com

Corporate: 208 Mason St., Ukiah, CA 95482 • Phone: (707) 468-0401 • Fax: (707) 468-5267

Bay Area: 6398 Dougherty Rd., Suite 35, Dublin, CA 94568 • Phone: (925) 828-6226 • Fax: (925) 828-6309

Central Valley: 9090 Union Park Way, Suite 113, Elk Grove, CA 95624 • Phone: (916) 686-5190 • Fax: (916) 686-5192

CHEMICAL EXAMINATION REPORT

Page 3 of 11

West Bay Sanitary District
500 Laurel Street
Menlo Park, CA 94025
Attn: Mark Pratlurion

Report Date: 06/03/15 07:53
Project No: -
Project ID: Reclaimed Study

Order Number

15E1711

Receipt Date/Time

05/18/2015 22:50

Client Code

WESTBAY

Client PO/Reference

Alpha Analytical Laboratories, Inc.

	METHOD	BATCH	PREPARED	ANALYZED	DILUTION	RESULT	PQL	NOTE
051515-B (15E1711-02)			Sample Type: Water		Sampled: 05/15/15 00:00			
Conventional Chemistry Parameters by APHA/EPA Methods								
Ammonia as NH3	SM4500NH3C	AE52148	05/26/15 08:00	05/26/15 17:00	1	48 mg/L	0.50	
Biochemical Oxygen Demand	SM5210B	AE52064	05/15/15 18:00	05/20/15 15:00	"	290 "	5.0	
Total Dissolved Solids	SM2540C	AE52029	05/20/15 10:00	05/26/15 13:00	"	370 "	10	
Total Suspended Solids	SM2540D	AE52033	05/20/15 14:00	05/22/15 17:00	"	530 "	1.0	
Silica	SM4500-SiO2 C	AE52143	05/21/15 15:00	05/21/15 17:30	"	19 "	1.0	
Total Kjeldahl Nitrogen	SM4500-Norg B	AE52811	05/29/15 07:57	06/01/15 09:00	"	49 "	1.0	
Total Nitrogen	SM4500-N	AE52835	05/28/15 11:19	06/01/15 16:30	"	49 "	1.0	
Phosphorus, total	SM4500-P E	AE52904	05/29/15 08:30	05/29/15 10:50	5	6.7 "	2.0	
Anions by EPA Method 300.0								
Chloride	EPA 300.0	AE51945	05/19/15 16:26	05/19/15 16:26	10	43 mg/L	5.0	
Nitrate as N	"	"	05/20/15 00:53	05/20/15 00:53	1	ND "	0.20	T-2
Nitrite as N	"	"	"	"	"	ND "	0.20	T-2



Alpha Analytical Laboratories Inc.

e-mail: clientservices@alpha-labs.com

Corporate: 208 Mason St., Ukiah, CA 95482 • Phone: (707) 468-0401 • Fax: (707) 468-5267

Bay Area: 6398 Dougherty Rd., Suite 35, Dublin, CA 94568 • Phone: (925) 828-6226 • Fax: (925) 828-6309

Central Valley: 9090 Union Park Way, Suite 113, Elk Grove, CA 95624 • Phone: (916) 686-5190 • Fax: (916) 686-5192

CHEMICAL EXAMINATION REPORT

Page 4 of 11

West Bay Sanitary District
500 Laurel Street
Menlo Park, CA 94025
Attn: Mark Praturlon

Report Date: 06/03/15 07:53
Project No: -
Project ID: Reclaimed Study

Order Number
15E1711

Receipt Date/Time
05/18/2015 22:50

Client Code
WESTBAY

Client PO/Reference

Metals by EPA 200 Series Methods - Quality Control

Analyte(s)	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch AE52753 - Metals Digest										
Blank (AE52753-BLK1)				Prepared: 05/27/15 Analyzed: 05/29/15						
Boron	ND	0.050	mg/L							
Calcium	ND	1.0	"							
Magnesium	ND	1.0	"							
Sodium	ND	1.0	"							
LCS (AE52753-BS1)				Prepared: 05/27/15 Analyzed: 05/29/15						
Boron	0.462	0.050	mg/L	0.400		115	85-115			
Calcium	8.38	1.0	"	8.00		105	85-115			
Magnesium	8.72	1.0	"	8.00		109	85-115			
Sodium	8.64	1.0	"	8.00		108	85-115			
Duplicate (AE52753-DUP1)				Source: 15E1735-02 Prepared: 05/27/15 Analyzed: 05/29/15						
Boron	0.368	0.050	mg/L		0.372			1.31	20	
Calcium	606	1.0	"		588			3.07	20	
Magnesium	280	1.0	"		285			1.63	20	
Sodium	139	1.0	"		140			0.931	20	
Matrix Spike (AE52753-MS1)				Source: 15E1735-02 Prepared: 05/27/15 Analyzed: 05/29/15						
Boron	0.719	0.050	mg/L	0.400	0.372	86.5	70-130			
Calcium	625	1.0	"	8.00	588	462	70-130			QM-4X
Magnesium	324	1.0	"	8.00	285	480	70-130			QM-4X
Sodium	152	1.0	"	8.00	140	150	70-130			QM-4X
Matrix Spike (AE52753-MS2)				Source: 15E1737-02 Prepared: 05/27/15 Analyzed: 05/29/15						
Boron	0.524	0.050	mg/L	0.400	0.221	75.7	70-130			
Calcium	397	1.0	"	8.00	402	NR	70-130			QM-4X
Magnesium	186	1.0	"	8.00	201	NR	70-130			QM-4X
Sodium	120	1.0	"	8.00	117	34.8	70-130			QM-4X

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.



Alpha Analytical Laboratories Inc.

e-mail: clientservices@alpha-labs.com

Corporate: 208 Mason St., Ukiah, CA 95482 • Phone: (707) 468-0401 • Fax: (707) 468-5267

Bay Area: 6398 Dougherty Rd., Suite 35, Dublin, CA 94568 • Phone: (925) 828-6226 • Fax: (925) 828-6309

Central Valley: 9090 Union Park Way, Suite 113, Elk Grove, CA 95624 • Phone: (916) 686-5190 • Fax: (916) 686-5192

CHEMICAL EXAMINATION REPORT

Page 5 of 11

West Bay Sanitary District
500 Laurel Street
Menlo Park, CA 94025
Attn: Mark Praturlon

Report Date: 06/03/15 07:53
Project No: -
Project ID: Reclaimed Study

Order Number

15E1711

Receipt Date/Time

05/18/2015 22:50

Client Code

WESTBAY

Client PO/Reference

Metals by EPA 200 Series Methods - Quality Control

Analyte(s)	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch AE52753 - Metals Digest										
Matrix Spike Dup (AE52753-MSD1)		Source: 15E1735-02		Prepared: 05/27/15 Analyzed: 05/29/15						
Boron	0.643	0.050	mg/L	0.400	0.372	67.7	70-130	11.1	20	QM-01
Calcium	549	1.0	"	8.00	588	NR	70-130	12.9	20	QM-4X
Magnesium	277	1.0	"	8.00	285	NR	70-130	15.7	20	QM-4X
Sodium	137	1.0	"	8.00	140	NR	70-130	10.6	20	QM-4X



Alpha Analytical Laboratories Inc.

e-mail: clientservices@alpha-labs.com

Corporate: 208 Mason St., Ukiah, CA 95482 • Phone: (707) 468-0401 • Fax: (707) 468-5267

Bay Area: 6398 Dougherty Rd., Suite 35, Dublin, CA 94568 • Phone: (925) 828-6226 • Fax: (925) 828-6309

Central Valley: 9090 Union Park Way, Suite 113, Elk Grove, CA 95624 • Phone: (916) 686-5190 • Fax: (916) 686-5192

CHEMICAL EXAMINATION REPORT

Page 6 of 11

West Bay Sanitary District
500 Laurel Street
Menlo Park, CA 94025
Attn: Mark Praturlon

Report Date: 06/03/15 07:53
Project No: -
Project ID: Reclaimed Study

Order Number
15E1711

Receipt Date/Time
05/18/2015 22:50

Client Code
WESTBAY

Client PO/Reference

Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Analyte(s)	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch AE52029 - General Preparation										
Blank (AE52029-BLK1)				Prepared: 05/20/15 Analyzed: 05/26/15						
Total Dissolved Solids	ND	10	mg/L							
Duplicate (AE52029-DUP1)				Source: 15E1705-01 Prepared: 05/20/15 Analyzed: 05/26/15						
Total Dissolved Solids	532	10	mg/L		592			10.7	15	
Duplicate (AE52029-DUP2)				Source: 15E1709-05 Prepared: 05/20/15 Analyzed: 05/26/15						
Total Dissolved Solids	1010	10	mg/L		1120			9.77	15	
Batch AE52033 - General Preparation										
Blank (AE52033-BLK1)				Prepared: 05/20/15 Analyzed: 05/22/15						
Total Suspended Solids	ND	1.0	mg/L							
Duplicate (AE52033-DUP1)				Source: 15E1719-02 Prepared: 05/20/15 Analyzed: 05/22/15						
Total Suspended Solids	264	1.0	mg/L		276			4.44	30	
Duplicate (AE52033-DUP2)				Source: 15E1719-06 Prepared: 05/20/15 Analyzed: 05/22/15						
Total Suspended Solids	238	1.0	mg/L		254			6.50	30	
Batch AE52064 - General Preparation										
Blank (AE52064-BLK1)				Prepared: 05/15/15 Analyzed: 05/20/15						
Biochemical Oxygen Demand	ND	5.0	mg/L							
Blank (AE52064-BLK2)				Prepared: 05/15/15 Analyzed: 05/20/15						
Biochemical Oxygen Demand	ND	5.0	mg/L							



Alpha Analytical Laboratories Inc.

e-mail: clientservices@alpha-labs.com

Corporate: 208 Mason St., Ukiah, CA 95482 • Phone: (707) 468-0401 • Fax: (707) 468-5267

Bay Area: 6398 Dougherty Rd., Suite 35, Dublin, CA 94568 • Phone: (925) 828-6226 • Fax: (925) 828-6309

Central Valley: 9090 Union Park Way, Suite 113, Elk Grove, CA 95624 • Phone: (916) 686-5190 • Fax: (916) 686-5192

CHEMICAL EXAMINATION REPORT

Page 7 of 11

West Bay Sanitary District
500 Laurel Street
Menlo Park, CA 94025
Attn: Mark Praturlon

Report Date: 06/03/15 07:53
Project No: -
Project ID: Reclaimed Study

Order Number
15E1711

Receipt Date/Time
05/18/2015 22:50

Client Code
WESTBAY

Client PO/Reference

Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Analyte(s)	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch AE52064 - General Preparation										
LCS (AE52064-BS1)				Prepared: 05/13/15 Analyzed: 05/18/15						
Biochemical Oxygen Demand	194	5.0	mg/L	200		96.9	84-115			
Duplicate (AE52064-DUP1)				Source: 15E1711-02		Prepared: 05/15/15 Analyzed: 05/20/15				
Biochemical Oxygen Demand	283	5.0	mg/L		292			3.17	30	
Batch AE52143 - General Preparation										
Blank (AE52143-BLK1)				Prepared & Analyzed: 05/21/15						
Silica	ND	1.0	mg/L							
LCS (AE52143-BS1)				Prepared & Analyzed: 05/21/15						
Silica	10.6	1.0	mg/L	10.0		106	80-120			
LCS Dup (AE52143-BSD1)				Prepared & Analyzed: 05/21/15						
Silica	10.5	1.0	mg/L	10.0		105	80-120	0.396	15	
Duplicate (AE52143-DUP1)				Source: 15E1806-01		Prepared & Analyzed: 05/21/15				
Silica	56.9	5.0	mg/L		57.3			0.733	20	
Matrix Spike (AE52143-MS1)				Source: 15E1806-01		Prepared & Analyzed: 05/21/15				
Silica	79.2	25	mg/L	25.0	57.3	87.8	85-115			
Matrix Spike Dup (AE52143-MSD1)				Source: 15E1806-01		Prepared & Analyzed: 05/21/15				
Silica	80.0	25	mg/L	25.0	57.3	90.9	85-115	0.965	15	
Batch AE52148 - General Preparation										
Blank (AE52148-BLK1)				Prepared & Analyzed: 05/22/15						
Ammonia as NH ₃	ND	0.50	mg/L							



Alpha Analytical Laboratories Inc.

e-mail: clientservices@alpha-labs.com

Corporate: 208 Mason St., Ukiah, CA 95482 • Phone: (707) 468-0401 • Fax: (707) 468-5267

Bay Area: 6398 Dougherty Rd., Suite 35, Dublin, CA 94568 • Phone: (925) 828-6226 • Fax: (925) 828-6309

Central Valley: 9090 Union Park Way, Suite 113, Elk Grove, CA 95624 • Phone: (916) 686-5190 • Fax: (916) 686-5192

CHEMICAL EXAMINATION REPORT

Page 8 of 11

West Bay Sanitary District
500 Laurel Street
Menlo Park, CA 94025
Attn: Mark Pratulon

Report Date: 06/03/15 07:53
Project No: -
Project ID: Reclaimed Study

Order Number
15E1711

Receipt Date/Time
05/18/2015 22:50

Client Code
WESTBAY

Client PO/Reference

Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Analyte(s)	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch AE52148 - General Preparation										
LCS (AE52148-BS1)				Prepared & Analyzed: 05/22/15						
Ammonia as NH3	5.96	0.50	mg/L	6.10		97.7	90-110			
LCS Dup (AE52148-BS1)				Prepared & Analyzed: 05/22/15						
Ammonia as NH3	6.17	0.50	mg/L	6.10		101	90-110	3.49	10	
Batch AE52811 - General Prep										
LCS (AE52811-BS1)				Prepared & Analyzed: 05/28/15						
Total Kjeldahl Nitrogen	3.04	1.0	mg/L	2.98		102	80-120			
LCS Dup (AE52811-BS1)				Prepared & Analyzed: 05/28/15						
Total Kjeldahl Nitrogen	3.04	1.0	mg/L	2.98		102	80-120	0.00	20	
Matrix Spike (AE52811-MS1)				Source: 15E1503-02		Prepared & Analyzed: 05/28/15				
Total Kjeldahl Nitrogen	43.4	1.0	mg/L	22.6	19.6	105	75-125			
Matrix Spike Dup (AE52811-MS1)				Source: 15E1503-02		Prepared & Analyzed: 05/28/15				
Total Kjeldahl Nitrogen	44.1	1.0	mg/L	22.6	19.6	108	75-125	1.60	20	
Batch AE52904 - General Prep										
Blank (AE52904-BLK1)				Prepared & Analyzed: 05/29/15						
Phosphorus, total	ND	0.040	mg/L							
LCS (AE52904-BS1)				Prepared & Analyzed: 05/29/15						
Phosphorus, total	0.198	0.040	mg/L	0.200		98.8	85-115			



Alpha Analytical Laboratories Inc.

e-mail: clientservices@alpha-labs.com

Corporate: 208 Mason St., Ukiah, CA 95482 • Phone: (707) 468-0401 • Fax: (707) 468-5267

Bay Area: 6398 Dougherty Rd., Suite 35, Dublin, CA 94568 • Phone: (925) 828-6226 • Fax: (925) 828-6309

Central Valley: 9090 Union Park Way, Suite 113, Elk Grove, CA 95624 • Phone: (916) 686-5190 • Fax: (916) 686-5192

CHEMICAL EXAMINATION REPORT

Page 9 of 11

West Bay Sanitary District
500 Laurel Street
Menlo Park, CA 94025
Attn: Mark Praturlon

Report Date: 06/03/15 07:53
Project No: -
Project ID: Reclaimed Study

Order Number

15E1711

Receipt Date/Time

05/18/2015 22:50

Client Code

WESTBAY

Client PO/Reference

Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Analyte(s)	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch AE52904 - General Prep										
Duplicate (AE52904-DUP1)		Source: 15E1418-02		Prepared & Analyzed: 05/29/15						
Phosphorus, total	0.120	0.040	mg/L		0.120			0.00	20	
Matrix Spike (AE52904-MS1)		Source: 15E1418-02		Prepared & Analyzed: 05/29/15						
Phosphorus, total	0.301	0.040	mg/L	0.200	0.120	90.5	70-130			
Matrix Spike (AE52904-MS2)		Source: 15E1347-01		Prepared & Analyzed: 05/29/15						
Phosphorus, total	11.9	2.0	mg/L	2.00	8.95	146	70-130			QM-4X
Matrix Spike Dup (AE52904-MSD1)		Source: 15E1418-02		Prepared & Analyzed: 05/29/15						
Phosphorus, total	0.300	0.040	mg/L	0.200	0.120	89.8	70-130	0.442	20	



Alpha Analytical Laboratories Inc.

e-mail: clientservices@alpha-labs.com

Corporate: 208 Mason St., Ukiah, CA 95482 • Phone: (707) 468-0401 • Fax: (707) 468-5267

Bay Area: 6398 Dougherty Rd., Suite 35, Dublin, CA 94568 • Phone: (925) 828-6226 • Fax: (925) 828-6309

Central Valley: 9090 Union Park Way, Suite 113, Elk Grove, CA 95624 • Phone: (916) 686-5190 • Fax: (916) 686-5192

CHEMICAL EXAMINATION REPORT

Page 10 of 11

West Bay Sanitary District
500 Laurel Street
Menlo Park, CA 94025
Attn: Mark Praturlon

Report Date: 06/03/15 07:53
Project No: -
Project ID: Reclaimed Study

Order Number
15E1711

Receipt Date/Time
05/18/2015 22:50

Client Code
WESTBAY

Client PO/Reference

Anions by EPA Method 300.0 - Quality Control

Analyte(s)	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch AE51945 - General Preparation										
Blank (AE51945-BLK1)				Prepared & Analyzed: 05/19/15						
Chloride	ND	0.50	mg/L							
Nitrite as N	ND	0.20	"							
Nitrate as N	ND	0.20	"							
LCS (AE51945-BS1)				Prepared & Analyzed: 05/19/15						
Chloride	10.9	0.50	mg/L	11.1		98.2	90-110			
Nitrite as N	5.59	0.20	"	5.56		101	90-110			
Nitrate as N	5.39	0.20	"	5.56		97.0	90-110			
Duplicate (AE51945-DUP1)				Source: 15E1661-01		Prepared & Analyzed: 05/19/15				
Nitrate as N	1.36	0.20	mg/L		1.36			0.150	20	
Chloride	7.58	0.50	"		7.58			0.0792	20	
Nitrite as N	ND	0.20	"		ND				20	
Matrix Spike (AE51945-MS1)				Source: 15E1661-01		Prepared & Analyzed: 05/19/15				
Nitrate as N	7.06	0.20	mg/L	5.56	1.36	103	80-120			
Chloride	18.6	0.50	"	11.1	7.58	99.6	80-120			
Nitrite as N	1.93	0.20	"	5.56	ND	34.7	80-120			QM-05
Matrix Spike (AE51945-MS2)				Source: 15E1669-01		Prepared & Analyzed: 05/19/15				
Nitrate as N	5.42	0.20	mg/L	5.56	ND	96.4	80-120			
Chloride	13.5	0.50	"	11.1	2.53	98.4	80-120			
Nitrite as N	5.57	0.20	"	5.56	ND	100	80-120			
Matrix Spike Dup (AE51945-MSD1)				Source: 15E1661-01		Prepared & Analyzed: 05/19/15				
Nitrate as N	7.06	0.20	mg/L	5.56	1.36	103	80-120	0.0213	20	
Chloride	18.7	0.50	"	11.1	7.58	99.7	80-120	0.0476	20	
Nitrite as N	3.45	0.20	"	5.56	ND	62.1	80-120	56.6	20	QM-05



Alpha Analytical Laboratories Inc.

e-mail: clientservices@alpha-labs.com

Corporate: 208 Mason St., Ukiah, CA 95482 • Phone: (707) 468-0401 • Fax: (707) 468-5267

Bay Area: 6398 Dougherty Rd., Suite 35, Dublin, CA 94568 • Phone: (925) 828-6226 • Fax: (925) 828-6309

Central Valley: 9090 Union Park Way, Suite 113, Elk Grove, CA 95624 • Phone: (916) 686-5190 • Fax: (916) 686-5192

CHEMICAL EXAMINATION REPORT

Page 11 of 11

West Bay Sanitary District
500 Laurel Street
Menlo Park, CA 94025
Attn: Mark Praturlon

Report Date: 06/03/15 07:53
Project No: -
Project ID: Reclaimed Study

Order Number

15E1711

Receipt Date/Time

05/18/2015 22:50

Client Code

WESTBAY

Client PO/Reference

Notes and Definitions

- QM-01 The spike recovery for this QC sample is outside of established control limits possibly due to a sample matrix interference.
- QM-05 The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
- QM-4X The spike recovery was outside of QC acceptance limits for the MS and/or MSD due to analyte concentration at 4 times or greater the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance limits.
- T-2 Sample analyzed outside of recommended holding time per client.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference
- PQL Practical Quantitation Limit

[illegible]

- Silica – \$25
- Sodium – \$15
- Calcium – \$15
- Magnesium – \$15
- Total Dissolved Solids (TDS) – \$25
- Boron – \$15
- Chloride – \$25
- Total Nitrogen (TN) – \$100
- Ammonia – \$30
- Total Kjeldhal Nitrogen (TKN) – included with total nitrogen cost
- Total Phosphorous – \$30
- BOD – \$35
- TSS – \$25