



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

29 May 2015

West Bay Sanitary District

Attn: Mark Praturlon

500 Laurel Street

Menlo Park, CA 94025

RE: Reclaimed Study

Work Order: 15E1510

Enclosed are the results of analyses for samples received by the laboratory on 05/14/15 22:55. 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: 05/29/15 15:14
Project No: -
Project ID: Reclaimed Study

Order Number
15E1510

Receipt Date/Time
05/14/2015 22:55

Client Code
WESTBAY

Client PO/Reference

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
051415-A Alpine Rd.	15E1510-01	Water	05/14/15 00:00	05/14/15 22:55
051415-B Sand Hill Rd.	15E1510-02	Water	05/14/15 00:00	05/14/15 22:55



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: 05/29/15 15:14
Project No: -
Project ID: Reclaimed Study

Order Number
15E1510

Receipt Date/Time
05/14/2015 22:55

Client Code
WESTBAY

Client PO/Reference

Alpha Analytical Laboratories, Inc.

	METHOD	BATCH	PREPARED	ANALYZED	DILUTION	RESULT	PQL	NOTE
051415-A Alpine Rd. (15E1510-01)								
			Sample Type: Water		Sampled: 05/14/15 00:00			
Metals by EPA 200 Series Methods								
Boron	EPA 200.7	AE52221	05/22/15 10:26	05/26/15 15:30	1	0.18 mg/L	0.050	
Calcium	"	"	"	"	"	30 "	1.0	
Magnesium	"	"	"	"	"	7.0 "	1.0	
Sodium	"	"	"	"	"	48 "	1.0	
Conventional Chemistry Parameters by APHA/EPA Methods								
Ammonia as NH3	SM4500NH3C	AE51930	05/19/15 08:00	05/19/15 17:00	1	22 mg/L	0.50	
Biochemical Oxygen Demand	SM5210B	AE51505	05/15/15 11:00	05/20/15 10:00	"	580 "	5.0	
Total Dissolved Solids	SM2540C	AE51828	05/18/15 09:15	05/20/15 16:30	"	360 "	10	
Total Suspended Solids	SM2540D	AE51519	05/15/15 15:00	05/18/15 16:00	"	840 "	1.0	
Silica	SM4500-SiO2 C	AE52143	05/21/15 15:00	05/21/15 17:30	"	18 "	1.0	
Total Kjeldahl Nitrogen	SM4500-Norg B	AE52811	05/28/15 07:57	05/28/15 15:58	"	100 "	1.0	
Total Nitrogen	SM4500-N	AE52835	05/28/15 11:19	05/28/15 18:06	"	100 "	1.0	
Phosphorus, total	SM4500-P E	AE52904	05/29/15 08:30	05/29/15 10:50	5	13 "	2.0	
Anions by EPA Method 300.0								
Chloride	EPA 300.0	AE51530	05/15/15 17:46	05/15/15 17:46	10	57 mg/L	5.0	
Nitrate as N	"	"	05/15/15 18:02	05/15/15 18:02	1	ND "	0.20	
Nitrite as N	"	"	"	"	"	ND "	0.20	
051415-B Sand Hill Rd. (15E1510-02)								
			Sample Type: Water		Sampled: 05/14/15 00:00			
Metals by EPA 200 Series Methods								
Boron	EPA 200.7	AE52221	05/22/15 10:26	05/26/15 15:34	1	0.20 mg/L	0.050	
Calcium	"	"	"	"	"	19 "	1.0	
Magnesium	"	"	"	"	"	5.3 "	1.0	
Sodium	"	"	"	"	"	56 "	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 Pratulon

Report Date: 05/29/15 15:14
Project No: -
Project ID: Reclaimed Study

Order Number
15E1510

Receipt Date/Time
05/14/2015 22:55

Client Code
WESTBAY

Client PO/Reference

Alpha Analytical Laboratories, Inc.

	METHOD	BATCH	PREPARED	ANALYZED	DILUTION	RESULT	PQL	NOTE
051415-B Sand Hill Rd. (15E1510-02)			Sample Type: Water		Sampled: 05/14/15 00:00			
Conventional Chemistry Parameters by APHA/EPA Methods								
Ammonia as NH3	SM4500NH3C	AE51930	05/19/15 08:00	05/19/15 17:00	1	48 mg/L		0.50
Biochemical Oxygen Demand	SM5210B	AE51505	05/15/15 11:00	05/20/15 10:00	"	440 "		5.0
Total Dissolved Solids	SM2540C	AE51828	05/18/15 09:15	05/20/15 16:30	"	430 "		10
Total Suspended Solids	SM2540D	AE51519	05/15/15 15:00	05/18/15 16:00	"	530 "		1.0
Silica	SM4500-SiO2 C	AE52143	05/21/15 15:00	05/21/15 17:30	"	20 "		1.0
Total Kjeldahl Nitrogen	SM4500-Norg B	AE52811	05/28/15 07:57	05/28/15 15:58	"	60 "		1.0
Total Nitrogen	SM4500-N	AE52835	05/28/15 11:19	05/28/15 18:06	"	60 "		1.0
Phosphorus, total	SM4500-P E	AE52904	05/29/15 08:30	05/29/15 10:50	5	7.8 "		2.0
Anions by EPA Method 300.0								
Chloride	EPA 300.0	AE51530	05/15/15 18:19	05/15/15 18:19	10	62 mg/L		5.0
Nitrate as N	"	"	05/15/15 18:35	05/15/15 18:35	1	ND "		0.20
Nitrite as N	"	"	"	"	"	ND "		0.20



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 4 of 11

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

Report Date: 05/29/15 15:14
Project No: -
Project ID: Reclaimed Study

Order Number
15E1510

Receipt Date/Time
05/14/2015 22:55

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 AE52221 - Metals Digest										
Blank (AE52221-BLK1)				Prepared: 05/22/15 Analyzed: 05/26/15						
Boron	ND	0.050	mg/L							
Calcium	ND	1.0	"							
Magnesium	ND	1.0	"							
Sodium	ND	1.0	"							
LCS (AE52221-BS1)				Prepared: 05/22/15 Analyzed: 05/26/15						
Boron	0.421	0.050	mg/L	0.400		105	85-115			
Calcium	7.85	1.0	"	8.00		98.1	85-115			
Magnesium	8.03	1.0	"	8.00		100	85-115			
Sodium	7.74	1.0	"	8.00		96.8	85-115			
Duplicate (AE52221-DUP1)				Source: 15E1395-01		Prepared: 05/22/15 Analyzed: 05/26/15				
Boron	0.251	0.050	mg/L		0.246			1.96	20	
Calcium	47.5	1.0	"		46.2			2.77	20	
Magnesium	13.6	1.0	"		13.0			4.05	20	
Sodium	172	1.0	"		166			3.44	20	
Matrix Spike (AE52221-MS1)				Source: 15E1395-01		Prepared: 05/22/15 Analyzed: 05/26/15				
Boron	0.645	0.050	mg/L	0.400	0.246	99.6	70-130			
Calcium	55.8	1.0	"	8.00	46.2	121	70-130			
Magnesium	21.4	1.0	"	8.00	13.0	105	70-130			
Sodium	182	1.0	"	8.00	166	197	70-130			QM-4X
Matrix Spike (AE52221-MS2)				Source: 15E1669-01		Prepared: 05/22/15 Analyzed: 05/26/15				
Boron	0.396	0.050	mg/L	0.400	ND	99.1	70-130			
Calcium	11.3	1.0	"	8.00	3.55	96.5	70-130			
Magnesium	8.76	1.0	"	8.00	1.09	95.9	70-130			
Sodium	9.70	1.0	"	8.00	2.36	91.8	70-130			



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: 05/29/15 15:14
Project No: -
Project ID: Reclaimed Study

Order Number
15E1510

Receipt Date/Time
05/14/2015 22:55

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 AE52221 - Metals Digest										
Matrix Spike Dup (AE52221-MSD1)		Source: 15E1395-01		Prepared: 05/22/15 Analyzed: 05/26/15						
Boron	0.637	0.050	mg/L	0.400	0.246	97.7	70-130	1.21	20	
Calcium	54.3	1.0	"	8.00	46.2	101	70-130	2.86	20	
Magnesium	21.3	1.0	"	8.00	13.0	104	70-130	0.366	20	
Sodium	175	1.0	"	8.00	166	111	70-130	3.85	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 6 of 11

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

Report Date: 05/29/15 15:14
Project No: -
Project ID: Reclaimed Study

Order Number
15E1510

Receipt Date/Time
05/14/2015 22:55

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 AE51505 - General Preparation										
Blank (AE51505-BLK1)				Prepared: 05/15/15 Analyzed: 05/20/15						
Biochemical Oxygen Demand	ND	2.0	mg/L							
Blank (AE51505-BLK2)				Prepared: 05/15/15 Analyzed: 05/20/15						
Biochemical Oxygen Demand	ND	2.0	mg/L							
LCS (AE51505-BS1)				Prepared: 05/13/15 Analyzed: 05/18/15						
Biochemical Oxygen Demand	196	2.0	mg/L	200		98.0	84-115			
Duplicate (AE51505-DUP1)				Source: 15E1461-01		Prepared: 05/15/15 Analyzed: 05/20/15				
Biochemical Oxygen Demand	492	2.0	mg/L		553			11.7	30	
Batch AE51519 - General Preparation										
Blank (AE51519-BLK1)				Prepared: 05/15/15 Analyzed: 05/18/15						
Total Suspended Solids	ND	1.0	mg/L							
Duplicate (AE51519-DUP1)				Source: 15E1472-01		Prepared: 05/15/15 Analyzed: 05/18/15				
Total Suspended Solids	145	1.0	mg/L		155			7.17	30	
Duplicate (AE51519-DUP2)				Source: 15E1525-01		Prepared: 05/15/15 Analyzed: 05/18/15				
Total Suspended Solids	400	1.0	mg/L		413			3.28	30	
Batch AE51828 - General Preparation										
Blank (AE51828-BLK1)				Prepared: 05/18/15 Analyzed: 05/20/15						
Total Dissolved Solids	ND	10	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: 05/29/15 15:14
Project No: -
Project ID: Reclaimed Study

Order Number
15E1510

Receipt Date/Time
05/14/2015 22:55

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 AE51828 - General Preparation										
Duplicate (AE51828-DUP1)				Source: 15E1293-01		Prepared: 05/18/15 Analyzed: 05/20/15				
Total Dissolved Solids	604	10	mg/L		596			1.33	15	
Duplicate (AE51828-DUP2)				Source: 15E1490-01		Prepared: 05/18/15 Analyzed: 05/20/15				
Total Dissolved Solids	744	10	mg/L		824			10.2	15	
Batch AE51930 - General Preparation										
Blank (AE51930-BLK1)				Prepared & Analyzed: 05/19/15						
Ammonia as NH3	ND	0.50	mg/L							
LCS (AE51930-BS1)				Prepared & Analyzed: 05/19/15						
Ammonia as NH3	5.96	0.50	mg/L	6.10		97.7	90-110			
LCS Dup (AE51930-BSD1)				Prepared & Analyzed: 05/19/15						
Ammonia as NH3	5.96	0.50	mg/L	6.10		97.7	90-110	0.00	10	
Matrix Spike (AE51930-MS1)				Prepared & Analyzed: 05/19/15						
Ammonia as NH3	6.07	0.50	mg/L	6.10	ND	99.5	85-115			
Matrix Spike Dup (AE51930-MSD1)				Prepared & Analyzed: 05/19/15						
Ammonia as NH3	6.17	0.50	mg/L	6.10	ND	101	85-115	1.73	20	
Batch AE52143 - General Preparation										
Blank (AE52143-BLK1)				Prepared & Analyzed: 05/21/15						
Silica	ND	1.0	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 8 of 11

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

Report Date: 05/29/15 15:14
Project No: -
Project ID: Reclaimed Study

Order Number
15E1510

Receipt Date/Time
05/14/2015 22:55

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 AE52143 - General Preparation										
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 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-BSD1)				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-MSD1)				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	



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: 05/29/15 15:14
Project No: -
Project ID: Reclaimed Study

Order Number
15E1510

Receipt Date/Time
05/14/2015 22:55

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										
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			
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: 05/29/15 15:14
Project No: -
Project ID: Reclaimed Study

Order Number
15E1510

Receipt Date/Time
05/14/2015 22:55

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 AE51530 - General Preparation										
Blank (AE51530-BLK1)				Prepared & Analyzed: 05/15/15						
Nitrite as N	ND	0.20	mg/L							
Nitrate as N	ND	0.20	"							
Chloride	ND	0.50	"							
LCS (AE51530-BS1)				Prepared & Analyzed: 05/15/15						
Chloride	11.2	0.50	mg/L	11.1		101	90-110			
Nitrate as N	5.56	0.20	"	5.56		100	90-110			
Nitrite as N	5.53	0.20	"	5.56		99.6	90-110			
Duplicate (AE51530-DUP1)				Source: 15E1516-01		Prepared & Analyzed: 05/15/15				
Nitrate as N	ND	0.20	mg/L		ND				20	
Chloride	0.563	0.50	"		0.560			0.534	20	
Nitrite as N	ND	0.20	"		ND				20	
Matrix Spike (AE51530-MS1)				Source: 15E1516-01		Prepared & Analyzed: 05/15/15				
Chloride	12.0	0.50	mg/L	11.1	0.560	103	80-120			
Nitrate as N	5.73	0.20	"	5.56	ND	102	80-120			
Nitrite as N	5.64	0.20	"	5.56	ND	101	80-120			
Matrix Spike (AE51530-MS2)				Source: 15E1569-01		Prepared & Analyzed: 05/15/15				
Chloride	14.8	2.5	mg/L	11.1	3.48	102	80-120			
Nitrate as N	6.01	1.0	"	5.56	ND	103	80-120			
Nitrite as N	5.53	1.0	"	5.56	ND	99.6	80-120			
Matrix Spike Dup (AE51530-MSD1)				Source: 15E1516-01		Prepared & Analyzed: 05/15/15				
Chloride	12.0	0.50	mg/L	11.1	0.560	103	80-120	0.0647	20	
Nitrite as N	5.65	0.20	"	5.56	ND	102	80-120	0.236	20	
Nitrate as N	5.73	0.20	"	5.56	ND	102	80-120	0.0219	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 11 of 11

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

Report Date: 05/29/15 15:14
Project No: -
Project ID: Reclaimed Study

Order Number

15E1510

Receipt Date/Time

05/14/2015 22:55

Client Code

WESTBAY

Client PO/Reference

Notes and Definitions

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.
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