



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

28 April 2016

West Bay Sanitary District

Attn: John Simonetti

500 Laurel Street

Menlo Park, CA 94025

RE: WQ Monitoring

Work Order: 16D1048

Enclosed are the results of analyses for samples received by the laboratory on 04/12/16 21:40. 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

West Bay Sanitary District
500 Laurel Street
Menlo Park, CA 94025

Project Manager: John Simonetti
Project: WQ Monitoring
Project Number: Oak Avenue

Reported:
04/28/16 09:21

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Oak Avenue	16D1048-01	Water	04/12/16 09:00	04/12/16 21:40



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

West Bay Sanitary District
500 Laurel Street
Menlo Park, CA 94025

Project Manager: John Simonetti
Project: WQ Monitoring
Project Number: Oak Avenue

Reported:
04/28/16 09:21

	Result	Reporting Limit	Dilution	Batch	Prepared	Analyzed	Method	Note
Oak Avenue (16D1048-01)								
Sample Type: Water			Sampled: 04/12/16 09:00					
Metals by EPA 200 Series Methods								
Boron	0.39 mg/L	0.050	1	AD63459	04/20/16 14:44	04/27/16 15:09	EPA 200.7	
Calcium	44 mg/L	1.0	1	AD63459	04/20/16 14:44	04/27/16 15:09	EPA 200.7	
Magnesium	23 mg/L	1.0	1	AD63459	04/20/16 14:44	04/27/16 15:09	EPA 200.7	
Sodium	91 mg/L	1.0	1	AD63459	04/20/16 14:44	04/27/16 15:09	EPA 200.7	
Conventional Chemistry Parameters by APHA/EPA Methods								
Ammonia as NH3	60 mg/L	0.50	1	AD63640	04/27/16 08:30	04/27/16 16:00	SM4500NH3C	
Bicarbonate	400 mg/L	5.0	1	AD63217	04/15/16 12:00	04/15/16 17:00	SM2320B	
Biochemical Oxygen Demand	360 mg/L	5.0	1	AD63375	04/13/16 06:00	04/18/16 12:00	SM5210B	
pH	7.60 pH Units	1.68	1	AD63210	04/12/16 18:40	04/12/16 18:40	SM4500-H+ B	T-14
Specific Conductance (EC)	1200 umhos/cm	20	1	AD63350	04/13/16 17:00	04/18/16 11:16	SM2510B	
Total Dissolved Solids	600 mg/L	10	1	AD63330	04/18/16 10:30	04/21/16 15:30	SM2540C	
Total Suspended Solids	780 mg/L	1.0	1	AD63254	04/14/16 15:00	04/18/16 10:00	SM2540D	
Silica	23 mg/L	2.0	2	AD63291	04/20/16 11:30	04/20/16 16:00	SM4500-SiO2 C	
Bicarbonate Alkalinity as CaCO3	330 mg/L	5.0	1	AD63217	04/15/16 12:00	04/15/16 17:00	SM2320B	
Carbonate Alkalinity as CaCO3	ND mg/L	5.0	1	AD63217	04/15/16 12:00	04/15/16 17:00	SM2320B	
Hydroxide Alkalinity as CaCO3	ND mg/L	5.0	1	AD63217	04/15/16 12:00	04/15/16 17:00	SM2320B	
Total Alkalinity as CaCO3	330 mg/L	5.0	1	AD63217	04/15/16 12:00	04/15/16 17:00	SM2320B	
Total Kjeldahl Nitrogen	62 mg/L	1.0	1	AD63416	04/21/16 06:29	04/21/16 14:26	SM4500-Norg B	
Total Nitrogen	62 mg/L	1.0	1	AD63202	04/13/16 10:05	04/21/16 16:16	SM4500-N	
Phosphorus, total	9.6 mg/L	2.0	5	AD63470	04/21/16 08:30	04/21/16 13:58	SM4500-P E	
Miscellaneous Physical/Conventional Chemistry Parameters								
Sodium Adsorption Ratio-Adj RNA	3.31 NA		1	AD63459	04/20/16 14:44	04/28/16 05:32	SAR	



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

West Bay Sanitary District
500 Laurel Street
Menlo Park, CA 94025

Project Manager: John Simonetti
Project: WQ Monitoring
Project Number: Oak Avenue

Reported:
04/28/16 09:21

	Result	Reporting Limit	Dilution	Batch	Prepared	Analyzed	Method	Note
Oak Avenue (16D1048-01)	Sample Type: Water				Sampled: 04/12/16 09:00			
Anions by EPA Method 300.0								
Chloride	110 mg/L	12	25	AD63185	04/13/16 18:02	04/13/16 18:02	EPA 300.0	
Nitrate as N	ND mg/L	0.20	1	AD63185	04/13/16 18:18	04/13/16 18:18	EPA 300.0	
Nitrate as NO3	ND mg/L	1.0	1	AD63185	04/13/16 18:18	04/13/16 18:18	EPA 300.0	
Nitrite as N	ND mg/L	0.20	1	AD63185	04/13/16 18:18	04/13/16 18:18	EPA 300.0	
Nitrite as NO2	ND mg/L	1.0	1	AD63185	04/13/16 14:06	04/13/16 14:06	EPA 300.0	



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

West Bay Sanitary District
500 Laurel Street
Menlo Park, CA 94025

Project Manager: John Simonetti
Project: WQ Monitoring
Project Number: Oak Avenue

Reported:
04/28/16 09:21

Metals by EPA 200 Series Methods - Quality Control

Analyte(s)	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch AD63459 - Metals Digest										
Blank (AD63459-BLK1)				Prepared: 04/20/16 Analyzed: 04/21/16						
Boron	ND	0.050	mg/L							
Calcium	ND	1.0	mg/L							
Magnesium	ND	1.0	mg/L							
Sodium	ND	1.0	mg/L							
LCS (AD63459-BS1)				Prepared: 04/20/16 Analyzed: 04/21/16						
Boron	0.360	0.050	mg/L	0.400		90.1	85-115			
Calcium	7.37	1.0	mg/L	8.00		92.2	85-115			
Magnesium	7.42	1.0	mg/L	8.00		92.8	85-115			
Sodium	7.68	1.0	mg/L	8.00		95.9	85-115			
Duplicate (AD63459-DUP1)				Source: 16D0915-01 Prepared: 04/20/16 Analyzed: 04/21/16						
Boron	0.148	0.050	mg/L		0.131			12.2	20	
Calcium	12.5	1.0	mg/L		12.4			1.45	20	
Magnesium	5.01	1.0	mg/L		4.94			1.51	20	
Sodium	117	1.0	mg/L		115			1.27	20	
Matrix Spike (AD63459-MS1)				Source: 16D0915-01 Prepared: 04/20/16 Analyzed: 04/21/16						
Boron	0.479	0.050	mg/L	0.400	0.131	86.8	70-130			
Calcium	19.8	1.0	mg/L	8.00	12.4	93.2	70-130			
Magnesium	11.7	1.0	mg/L	8.00	4.94	84.5	70-130			
Sodium	120	1.0	mg/L	8.00	115	54.4	70-130			QM-4X
Matrix Spike (AD63459-MS2)				Source: 16D1024-01 Prepared: 04/20/16 Analyzed: 04/21/16						
Boron	5.07	0.050	mg/L	0.400	4.71	89.9	70-130			
Calcium	13.3	1.0	mg/L	8.00	4.71	107	70-130			
Magnesium	8.49	1.0	mg/L	8.00	ND	95.4	70-130			
Sodium	135	1.0	mg/L	8.00	116	234	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

West Bay Sanitary District
500 Laurel Street
Menlo Park, CA 94025

Project Manager: John Simonetti
Project: WQ Monitoring
Project Number: Oak Avenue

Reported:
04/28/16 09:21

Metals by EPA 200 Series Methods - Quality Control

Analyte(s)	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch AD63459 - Metals Digest										
Matrix Spike Dup (AD63459-MSD1)		Source: 16D0915-01			Prepared: 04/20/16 Analyzed: 04/21/16					
Boron	0.479	0.050	mg/L	0.400	0.131	86.9	70-130	0.0873	20	
Calcium	20.5	1.0	mg/L	8.00	12.4	101	70-130	3.29	20	
Magnesium	12.4	1.0	mg/L	8.00	4.94	93.5	70-130	5.95	20	
Sodium	125	1.0	mg/L	8.00	115	122	70-130	4.42	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

West Bay Sanitary District
500 Laurel Street
Menlo Park, CA 94025

Project Manager: John Simonetti
Project: WQ Monitoring
Project Number: Oak Avenue

Reported:
04/28/16 09:21

Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Analyte(s)	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch AD63210 - General Preparation										
Duplicate (AD63210-DUP1)	Source: 16D1099-01			Prepared & Analyzed: 04/12/16						
pH	8.48	1.68	pH Units		8.56			0.939	20	
Batch AD63217 - General Preparation										
Duplicate (AD63217-DUP1)	Source: 16D1096-05			Prepared & Analyzed: 04/19/16						
Bicarbonate	537	5.0	mg/L		531			1.14	20	
Carbonate Alkalinity as CaCO ₃	ND	5.0	mg/L		ND				20	
Total Alkalinity as CaCO ₃	440	5.0	mg/L		435			1.14	20	
Hydroxide Alkalinity as CaCO ₃	ND	5.0	mg/L		ND				20	
Bicarbonate Alkalinity as CaCO ₃	440	5.0	mg/L		435			1.14	20	
Batch AD63254 - General Preparation										
Blank (AD63254-BLK1)	Prepared: 04/14/16 Analyzed: 04/18/16									
Total Suspended Solids	ND	1.0	mg/L							
Duplicate (AD63254-DUP1)	Source: 16D0889-01			Prepared: 04/14/16 Analyzed: 04/18/16						
Total Suspended Solids	230	1.0	mg/L		264			13.8	30	
Duplicate (AD63254-DUP2)	Source: 16D0892-01			Prepared: 04/14/16 Analyzed: 04/18/16						
Total Suspended Solids	228	1.0	mg/L		218			4.48	30	
Batch AD63291 - General Preparation										
Blank (AD63291-BLK1)	Prepared & Analyzed: 04/20/16									
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

West Bay Sanitary District
500 Laurel Street
Menlo Park, CA 94025

Project Manager: John Simonetti
Project: WQ Monitoring
Project Number: Oak Avenue

Reported:
04/28/16 09:21

Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Analyte(s)	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch AD63291 - General Preparation										
LCS (AD63291-BS1)				Prepared & Analyzed: 04/20/16						
Silica	10.6	1.0	mg/L	10.0		106	85-115			
LCS Dup (AD63291-BSD1)				Prepared & Analyzed: 04/20/16						
Silica	11.0	1.0	mg/L	10.0		110	85-115	4.17	20	
Duplicate (AD63291-DUP1)				Source: 16D1431-01		Prepared & Analyzed: 04/20/16				
Silica	15.8	2.0	mg/L		15.7			0.518	20	
Matrix Spike (AD63291-MS1)				Source: 16D1431-01		Prepared & Analyzed: 04/20/16				
Silica	33.2	2.0	mg/L	20.0	15.7	87.1	80-120			
Matrix Spike Dup (AD63291-MSD1)				Source: 16D1431-01		Prepared & Analyzed: 04/20/16				
Silica	34.7	2.0	mg/L	20.0	15.7	94.9	80-120	4.58	20	
Batch AD63330 - General Preparation										
Blank (AD63330-BLK1)				Prepared: 04/18/16 Analyzed: 04/21/16						
Total Dissolved Solids	ND	10	mg/L							
Duplicate (AD63330-DUP1)				Source: 16D1096-03		Prepared: 04/18/16 Analyzed: 04/21/16				
Total Dissolved Solids	1780	10	mg/L		1800			1.56	15	
Duplicate (AD63330-DUP2)				Source: 16D1239-05		Prepared: 04/18/16 Analyzed: 04/21/16				
Total Dissolved Solids	1310	10	mg/L		1300			0.306	15	
Batch AD63350 - General Preparation										
Duplicate (AD63350-DUP1)				Source: 16D1128-01		Prepared: 04/13/16 Analyzed: 04/18/16				
Specific Conductance (EC)	322	20	umhos/cm		320			0.623	5	

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

West Bay Sanitary District
500 Laurel Street
Menlo Park, CA 94025

Project Manager: John Simonetti
Project: WQ Monitoring
Project Number: Oak Avenue

Reported:
04/28/16 09:21

Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Analyte(s)	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch AD63375 - General Preparation										
Blank (AD63375-BLK1)				Prepared: 04/13/16 Analyzed: 04/18/16						
Biochemical Oxygen Demand	ND	5.0	mg/L							
Blank (AD63375-BLK2)				Prepared: 04/13/16 Analyzed: 04/18/16						
Biochemical Oxygen Demand	ND	5.0	mg/L							
LCS (AD63375-BS1)				Prepared: 04/12/16 Analyzed: 04/17/16						
Biochemical Oxygen Demand	186	5.0	mg/L	200		92.8	84-115			
Duplicate (AD63375-DUP1)				Source: 16D1048-01 Prepared: 04/13/16 Analyzed: 04/18/16						
Biochemical Oxygen Demand	370	5.0	mg/L		356			3.86	30	
Batch AD63416 - General Prep										
LCS (AD63416-BS1)				Prepared: 04/20/16 Analyzed: 04/21/16						
Total Kjeldahl Nitrogen	2.95	1.0	mg/L	2.98		99.0	80-120			
LCS Dup (AD63416-BSD1)				Prepared: 04/20/16 Analyzed: 04/21/16						
Total Kjeldahl Nitrogen	2.95	1.0	mg/L	2.98		99.0	80-120	0.00	20	
Matrix Spike (AD63416-MS1)				Source: 16D1503-01 Prepared: 04/20/16 Analyzed: 04/21/16						
Total Kjeldahl Nitrogen	53.9	1.0	mg/L	22.6	32.9	92.8	75-125			
Matrix Spike Dup (AD63416-MSD1)				Source: 16D1503-01 Prepared: 04/20/16 Analyzed: 04/21/16						
Total Kjeldahl Nitrogen	53.9	1.0	mg/L	22.6	32.9	92.8	75-125	0.00	20	
Batch AD63470 - General Prep										
Blank (AD63470-BLK1)				Prepared & Analyzed: 04/21/16						
Phosphorus, total	ND	0.040	mg/L							

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

West Bay Sanitary District
500 Laurel Street
Menlo Park, CA 94025

Project Manager: John Simonetti
Project: WQ Monitoring
Project Number: Oak Avenue

Reported:
04/28/16 09:21

Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Analyte(s)	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch AD63470 - General Prep										
LCS (AD63470-BS1)				Prepared & Analyzed: 04/21/16						
Phosphorus, total	0.199	0.040	mg/L	0.200		99.6	85-115			
Duplicate (AD63470-DUP1)				Source: 16D0889-01 Prepared & Analyzed: 04/21/16						
Phosphorus, total	9.03	2.0	mg/L		9.10			0.734	20	
Matrix Spike (AD63470-MS1)				Source: 16D0889-01 Prepared & Analyzed: 04/21/16						
Phosphorus, total	10.4	2.0	mg/L	2.00	9.10	66.5	70-130			QM-4X
Matrix Spike Dup (AD63470-MSD1)				Source: 16D0889-01 Prepared & Analyzed: 04/21/16						
Phosphorus, total	10.4	2.0	mg/L	2.00	9.10	63.2	70-130	0.640	20	QM-4X
Batch AD63640 - General Preparation										
Blank (AD63640-BLK1)				Prepared & Analyzed: 04/26/16						
Ammonia as NH3	ND	0.50	mg/L							
LCS (AD63640-BS1)				Prepared & Analyzed: 04/26/16						
Ammonia as NH3	5.96	0.50	mg/L	6.10		97.7	90-110			
LCS Dup (AD63640-BSD1)				Prepared & Analyzed: 04/26/16						
Ammonia as NH3	5.85	0.50	mg/L	6.10		96.0	90-110	1.81	10	
Matrix Spike (AD63640-MS1)				Source: 16D1301-01 Prepared & Analyzed: 04/27/16						
Ammonia as NH3	6.07	0.50	mg/L	6.10	ND	99.5	85-115			
Matrix Spike Dup (AD63640-MSD1)				Source: 16D1301-01 Prepared & Analyzed: 04/27/16						
Ammonia as NH3	5.75	0.50	mg/L	6.10	ND	94.2	85-115	5.40	20	

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

West Bay Sanitary District
500 Laurel Street
Menlo Park, CA 94025

Project Manager: John Simonetti
Project: WQ Monitoring
Project Number: Oak Avenue

Reported:
04/28/16 09:21

Anions by EPA Method 300.0 - Quality Control

Analyte(s)	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch AD63185 - General Preparation										
Blank (AD63185-BLK1)				Prepared & Analyzed: 04/13/16						
Nitrite as NO ₂	ND	1.0	mg/L							
Chloride	ND	0.50	mg/L							
Nitrate as NO ₃	ND	1.0	mg/L							
Nitrate as N	ND	0.20	mg/L							
Nitrite as N	ND	0.20	mg/L							
LCS (AD63185-BS1)				Prepared & Analyzed: 04/13/16						
Nitrite as N	5.04	0.20	mg/L	5.00		101	90-110			
Chloride	10.3	0.50	mg/L	10.0		103	90-110			
Nitrate as NO ₃	23	1.0	mg/L	22.2		104	90-110			
Nitrate as N	5.20	0.20	mg/L	5.00		104	90-110			
Nitrite as NO ₂	16.6	1.0	mg/L	16.4		101	90-110			
Duplicate (AD63185-DUP1)				Source: 16D1019-01		Prepared & Analyzed: 04/13/16				
Nitrate as N	ND	0.20	mg/L		ND			0.877	20	
Nitrite as NO ₂	ND	1.0	mg/L		ND				20	
Chloride	4.49	0.50	mg/L		4.56			1.61	20	
Nitrate as NO ₃	ND	1.0	mg/L		ND			0.877	20	
Nitrite as N	ND	0.20	mg/L		ND				20	
Matrix Spike (AD63185-MS1)				Source: 16D1019-01		Prepared & Analyzed: 04/13/16				
Chloride	16.0	0.50	mg/L	11.1	4.56	103	80-120			
Nitrate as N	5.97	0.20	mg/L	5.56	ND	106	80-120			
Nitrite as NO ₂	19.0	1.0	mg/L	18.2	ND	104	80-120			
Nitrate as NO ₃	26	1.0	mg/L	24.7	ND	106	80-120			
Nitrite as N	5.77	0.20	mg/L	5.56	ND	104	80-120			
Matrix Spike (AD63185-MS2)				Source: 16D1044-01		Prepared & Analyzed: 04/13/16				
Chloride	48.4	2.5	mg/L	11.1	36.8	104	80-120			
Nitrate as NO ₃	41	5.0	mg/L	24.7	16	101	80-120			
Nitrate as N	9.29	1.0	mg/L	5.56	3.65	101	80-120			
Nitrite as NO ₂	19.6	5.0	mg/L	18.2	ND	100	80-120			
Nitrite as N	5.96	1.0	mg/L	5.56	ND	100	80-120			

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

West Bay Sanitary District
500 Laurel Street
Menlo Park, CA 94025

Project Manager: John Simonetti
Project: WQ Monitoring
Project Number: Oak Avenue

Reported:
04/28/16 09:21

Anions by EPA Method 300.0 - Quality Control

Analyte(s)	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
------------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	------

Batch AD63185 - General Preparation

Matrix Spike Dup (AD63185-MSD1)

Source: 16D1019-01

Prepared & Analyzed: 04/13/16

Nitrate as NO3	26	1.0	mg/L	24.7	ND	106	80-120	0.193	20	
Chloride	16.0	0.50	mg/L	11.1	4.56	103	80-120	0.202	20	
Nitrate as N	5.98	0.20	mg/L	5.56	ND	107	80-120	0.193	20	
Nitrite as N	5.81	0.20	mg/L	5.56	ND	105	80-120	0.652	20	
Nitrite as NO2	19.1	1.0	mg/L	18.2	ND	105	80-120	0.652	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

West Bay Sanitary District
500 Laurel Street
Menlo Park, CA 94025

Project Manager: John Simonetti
Project: WQ Monitoring
Project Number: Oak Avenue

Reported:
04/28/16 09:21

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.
- T-14 Residual chlorine, dissolved oxygen, and pH must be analyzed in the field to meet the EPA specified 15 minute hold time.
- ND Analyte NOT DETECTED at or above the reporting limit
- dry Sample results reported on a dry weight basis
- REC Recovery
- RPD Relative Percent Difference

Company/Name: West Bay Sanitary District		Project ID: WQ Monitoring		Signature below authorizes work under terms stated on reverse side.										Analysis Request		Sample Notes		TAT															
Mailing Address: 500 Laurel Street Menlo Park, CA 94025		Project No: Oak Avenue		<div style="display: flex; flex-direction: row-reverse;"> <div style="margin-right: 10px;"> 24 hr <input type="radio"/> 48 hr <input type="radio"/> Lab Approval Required <input type="radio"/> 1 wk <input type="radio"/> 2 wk (standard) <input type="radio"/> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Lab Approval Required For Rush</div> </div>										4.9 4.4 <u>0</u>																			
Project Contact & Email (Hardcopy or PDF to): John Simonetti jsimonetti@westbaysanitary.org		PO#																															
Phone/Fax: 650-321-0304		Site Contact: John Simonetti																															
Field Sampler - Print Name & Signature John Simonetti		Sample Collection		Container		Preservative				Matrix		DU BOD		DU pH		200.7 - B, Ca, Mg, Na		Ammonia, Phosphorus		Total Nitrogen		Chloride, EC, NO2, NO3		Alkalinity, Bicarbonate		SAR Adjusted Calculation		Silica		TDS		TSS	
Sample Identification		Date Time		40ml Vial	Poly	Glass	Sleeve	Other	HCL	HNO3	H2SO4	Other	None	Water	Soil	Other																	
Oak Avenue		4/12/16 0900		4						1	1		2	x			x	x	x	x	x	x	x	x	x	x	x	x	x	x			