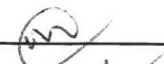


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Analytical Review Report

Date Printed : 1/27/17
 Analyst : AP
 Data File : LB85434.csv

Approved By : 
 Approved Date : 1/23/17
 Worksheet # :

11300-0 - Inorganic Anions - 16

Lab Sample ID	Client ID		Raw Amt	Dil	Matrix	A. Date	Prep	Analysis		Line 1
Parameter			PPB		Final Conc	%Rec	Method	Method		Line 2
Bromide										
STD1	STD1				W	1/16/17				
Bromide		PASS	0.000		0.000				mg/L	
STD2	STD2				W	1/16/17				
Bromide		PASS	0.913		0.913				mg/L	
STD3	STD3				W	1/16/17				
Bromide		PASS	2.270		2.27				mg/L	
STD4	STD4				W	1/16/17				
Bromide		PASS	4.082		4.08				mg/L	
STD5	STD5				W	1/16/17				
Bromide		PASS	9.756		9.76				mg/L	
STD6	STD6				W	1/16/17				
Bromide		PASS	19.527		19.5				mg/L	
STD7	STD7				W	1/16/17				
Bromide		PASS	24.510		24.5				mg/L	
STD8	STD8				W	1/16/17				
Bromide		PASS	50.442		50.4				mg/L	
ICV1	ICV1				W	1/16/17				
Bromide		PASS	25.395		25.40	102.0	90	110	mg/L	
ICB1	ICB1				W	1/16/17				
Bromide		PASS	0.000		0.000			+/-0.0660	mg/L	
CCV1	CCV1				W	1/19/17				
Bromide		PASS	25.268		25.30	101.0	90	110	mg/L	
CCB1	CCB1				W	1/19/17				
Bromide		PASS	0.000		0.000			+/-0.0660	mg/L	
LB85434BLW	LB85434BLW				W	1/19/17				
Bromide		PASS	0.000		0.000			+/-0.0660	mg/L	
LB85434BSW	LB85434BSW				W	1/19/17				
Bromide		PASS	25.220		25.20	101.0	90	110	mg/L	
I1272-08	0008			1	W	1/19/17				
Bromide		PASS	2.862		2.86				mg/L	
CCV2	CCV2				W	1/19/17				
Bromide		PASS	25.634		25.60	102.0	90	110	mg/L	
CCB2	CCB2				W	1/19/17				
Bromide		PASS	0.000		0.000			+/-0.0660	mg/L	
CCV3	CCV3				W	1/19/17				
Bromide		PASS	25.139		25.10	100.0	90	110	mg/L	
CCB3	CCB3				W	1/19/17				
Bromide		PASS	0.000		0.000			+/-0.0660	mg/L	

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Lab Sample ID	Client ID		Raw Amt	Dil	Matrix	A. Date	Prep	Analysis			Line 1
Parameter			PPB		Final Conc	%Rec	Method	Method	LCL	UCL	Line 2
Chloride											
STD1	STD1				W	1/16/17					
Chloride		PASS	0.000		0.000						mg/L
STD2	STD2				W	1/16/17					
Chloride		PASS	0.357		0.357						mg/L
STD3	STD3				W	1/16/17					
Chloride		PASS	0.765		0.765						mg/L
STD4	STD4				W	1/16/17					
Chloride		PASS	1.259		1.26						mg/L
STD5	STD5				W	1/16/17					
Chloride		PASS	2.867		2.87						mg/L
STD6	STD6				W	1/16/17					
Chloride		PASS	5.722		5.72						mg/L
STD7	STD7				W	1/16/17					
Chloride		PASS	7.248		7.25						mg/L
STD8	STD8				W	1/16/17					
Chloride		PASS	15.231		15.2						mg/L
ICV1	ICV1				W	1/16/17					
Chloride		PASS	7.295		7.30	97.0	90	110			mg/L
ICB1	ICB1				W	1/16/17					
Chloride		PASS	0.000		0.000			+/-0.0750			mg/L
CCV1	CCV1				W	1/19/17					
Chloride		PASS	7.234		7.23	96.0	90	110			mg/L
CCB1	CCB1				W	1/19/17					
Chloride		PASS	0.000		0.000			+/-0.0750			mg/L
LB85434BLW	LB85434BLW				W	1/19/17					
Chloride		PASS	0.000		0.000			+/-0.0750			mg/L
LB85434BSW	LB85434BSW				W	1/19/17					
Chloride		PASS	7.422		7.42	99.0	90	110			mg/L
I1272-08	0008			1	W	1/19/17					
Chloride		OR	206.224		206						mg/L
I1307-04	PT-AN1-WS			1	W	1/19/17					
Chloride		OR	80.083		80.1						mg/L
I1272-08DL	0008DL			5	W	1/19/17					
Chloride		OR	34.608		173						mg/L
I1272-08DL	0008DL			20	W	1/19/17					
Chloride		PASS	7.329		147						mg/L
I1307-04DL	PT-AN1-WSDL			10	W	1/19/17					
Chloride		PASS	6.290		62.9						mg/L
CCV2	CCV2				W	1/19/17					
Chloride		PASS	7.207		7.21	96.0	90	110			mg/L

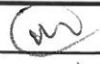
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Approved Date : 1/27/17

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Lab Sample ID	Client ID		Raw Amt	Dil	Matrix	A. Date	Prep	Analysis			
Parameter			PPB		Final Conc	%Rec	LCL	UCL	RPD	Max RPD	Units
Line 1											
Line 2											
Chloride											
CCB2	CCB2				W	1/19/17					
Chloride		PASS	0.000		0.000			+/-0.0750			mg/L
CCV3	CCV3				W	1/19/17					
Chloride		PASS	7.244		7.24	97.0	90	110			mg/L
CCB3	CCB3				W	1/19/17					
Chloride		PASS	0.000		0.000			+/-0.0750			mg/L

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Worksheet # :

Lab Sample ID	Client ID		Raw Amt	Dil	Matrix	A. Date	Prep	Analysis			Line 1
Parameter			PPB		Final Conc	%Rec	LCL	UCL	RPD	Max RPD	Units
											Line 2
Fluoride											
STD1	STD1				W	1/16/17					
Fluoride		PASS	0.000		0.000						mg/L
STD2	STD2				W	1/16/17					
Fluoride		PASS	0.255		0.255						mg/L
STD3	STD3				W	1/16/17					
Fluoride		PASS	0.470		0.470						mg/L
STD4	STD4				W	1/16/17					
Fluoride		PASS	0.845		0.845						mg/L
STD5	STD5				W	1/16/17					
Fluoride		PASS	1.854		1.85						mg/L
STD6	STD6				W	1/16/17					
Fluoride		PASS	3.888		3.89						mg/L
STD7	STD7				W	1/16/17					
Fluoride		PASS	4.862		4.86						mg/L
STD8	STD8				W	1/16/17					
Fluoride		PASS	10.125		10.1						mg/L
ICV1	ICV1				W	1/16/17					
Fluoride		PASS	4.693		4.69	94.0	90	110			mg/L
ICB1	ICB1				W	1/16/17					
Fluoride		PASS	0.000		0.000			+/-0.0430			mg/L
CCV1	CCV1				W	1/19/17					
Fluoride		PASS	4.932		4.93	99.0	90	110			mg/L
CCB1	CCB1				W	1/19/17					
Fluoride		PASS	0.000		0.000			+/-0.0430			mg/L
LB85434BLW	LB85434BLW				W	1/19/17					
Fluoride		PASS	0.000		0.000			+/-0.0430			mg/L
LB85434BSW	LB85434BSW				W	1/19/17					
Fluoride		PASS	4.748		4.75	95.0	90	110			mg/L
I1272-08	0008			1	W	1/19/17					
Fluoride		PASS	3.844		3.84						mg/L
I1307-04	PT-AN1-WS			1	W	1/19/17					
Fluoride		PASS	5.124		5.12						mg/L
CCV2	CCV2				W	1/19/17					
Fluoride		PASS	5.010		5.01	100.0	90	110			mg/L
CCB2	CCB2				W	1/19/17					
Fluoride		PASS	0.000		0.000			+/-0.0430			mg/L
CCV3	CCV3				W	1/19/17					
Fluoride		PASS	4.952		4.95	99.0	90	110			mg/L
CCB3	CCB3				W	1/19/17					
Fluoride		PASS	0.000		0.000			+/-0.0430			mg/L

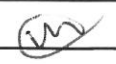
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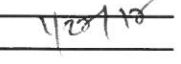
Analytical Review Report

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Worksheet # :

Lab Sample ID	Client ID		Raw Amt	Dil	Matrix	A. Date	Prep	Analysis			Line 1
Parameter			PPB		Final Conc	%Rec	LCL	UCL	RPD	Max RPD	Units
Nitrate											
STD1	STD1				W	1/16/17					
Nitrate		PASS	0.000		0.000						mg/L
STD2	STD2				W	1/16/17					
Nitrate		PASS	0.320		0.320						mg/L
STD3	STD3				W	1/16/17					
Nitrate		PASS	0.623		0.623						mg/L
STD4	STD4				W	1/16/17					
Nitrate		PASS	0.966		0.966						mg/L
STD5	STD5				W	1/16/17					
Nitrate		PASS	2.151		2.15						mg/L
STD6	STD6				W	1/16/17					
Nitrate		PASS	4.254		4.25						mg/L
STD7	STD7				W	1/16/17					
Nitrate		PASS	5.345		5.34						mg/L
STD8	STD8				W	1/16/17					
Nitrate		PASS	11.540		11.5						mg/L
ICV1	ICV1				W	1/16/17					
Nitrate		PASS	6.179		6.18	99.0	90	110			mg/L
ICB1	ICB1				W	1/16/17					
Nitrate		PASS	0.000		0.000			+/-0.0270			mg/L
CCV1	CCV1				W	1/19/17					
Nitrate		PASS	5.438		5.44	96.0	90	110			mg/L
CCB1	CCB1				W	1/19/17					
Nitrate		PASS	0.000		0.000			+/-0.0270			mg/L
LB85434BLW	LB85434BLW				W	1/19/17					
Nitrate		PASS	0.000		0.000			+/-0.0270			mg/L
LB85434BSW	LB85434BSW				W	1/19/17					
Nitrate		PASS	6.035		6.04	97.0	90	110			mg/L
I1272-23	0007			1	W	1/19/17					
Nitrate		OR	11.889		11.9						mg/L
I1307-04	PT-AN1-WS			1	W	1/19/17					
Nitrate		PASS	3.756		3.76						mg/L
CCV2	CCV2				W	1/19/17					
Nitrate		PASS	5.506		5.51	98.0	90	110			mg/L
CCB2	CCB2				W	1/19/17					
Nitrate		PASS	0.000		0.000			+/-0.0270			mg/L
I1272-23DL	0007DL			2	W	1/19/17					
Nitrate		PASS	5.361		10.7						mg/L
CCV3	CCV3				W	1/19/17					
Nitrate		PASS	5.457		5.46	97.0	90	110			mg/L

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Worksheet # :

Lab Sample ID	Client ID	Raw Amt	Dil	Matrix	A. Date	Prep	Analysis					Line 1
Parameter		PPB		Final Conc	%Rec	LCL	UCL	RPD	Max RPD	Units		Line 2
Nitrate												
CCB3	CCB3			W	1/19/17							
Nitrate		PASS		0.000	0.000		+/-0.0270			mg/L		

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Analytical Review Report

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 Analyst : AP
 Data File : LB85434.csv

Approved By : 
 Approved Date : 1/27/18
 Worksheet # :

Lab Sample ID	Client ID		Raw Amt	Dil	Matrix	A. Date	Prep	Analysis				Line 1
Parameter			PPB		Final Conc	%Rec	LCL	UCL	RPD	Max RPD	Units	Line 2
Nitrite												
STD1	STD1				W	1/16/17						
Nitrite		PASS	0.000		0.000						mg/L	
STD2	STD2				W	1/16/17						
Nitrite		PASS	0.365		0.365						mg/L	
STD3	STD3				W	1/16/17						
Nitrite		PASS	0.704		0.704						mg/L	
STD4	STD4				W	1/16/17						
Nitrite		PASS	1.246		1.25						mg/L	
STD5	STD5				W	1/16/17						
Nitrite		PASS	2.902		2.90						mg/L	
STD6	STD6				W	1/16/17						
Nitrite		PASS	5.908		5.91						mg/L	
STD7	STD7				W	1/16/17						
Nitrite		PASS	7.390		7.39						mg/L	
STD8	STD8				W	1/16/17						
Nitrite		PASS	15.396		15.4						mg/L	
ICV1	ICV1				W	1/16/17						
Nitrite		PASS	7.582		7.58	101.0	90	110			mg/L	
ICB1	ICB1				W	1/16/17						
Nitrite		PASS	0.000		0.000			+/-0.0220			mg/L	
CCV1	CCV1				W	1/19/17						
Nitrite		PASS	7.553		7.55	99.0	90	110			mg/L	
CCB1	CCB1				W	1/19/17						
Nitrite		PASS	0.000		0.000			+/-0.0220			mg/L	
LB85434BLW	LB85434BLW				W	1/19/17						
Nitrite		PASS	0.000		0.000			+/-0.0220			mg/L	
LB85434BSW	LB85434BSW				W	1/19/17						
Nitrite		PASS	7.457		7.46	99.0	90	110			mg/L	
I1272-23	0007			1	W	1/19/17						
Nitrite		PASS	0.000		0.000						mg/L	
I1272-33	0041			1	W	1/19/17						
Nitrite		PASS	2.908		2.91						mg/L	
I1307-04	PT-AN1-WS			1	W	1/19/17						
Nitrite		PASS	0.000		0.000						mg/L	
I1307-05	PT-AN2-WS			1	W	1/19/17						
Nitrite		PASS	1.157		1.16						mg/L	
CCV2	CCV2				W	1/19/17						
Nitrite		PASS	7.465		7.46	98.0	90	110			mg/L	
CCB2	CCB2				W	1/19/17						
Nitrite		PASS	0.000		0.000			+/-0.0220			mg/L	

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Lab Sample ID	Client ID	Raw Amt	Dil	Matrix	A. Date	Prep	Analysis				Line 1
Parameter		PPB		Final Conc	%Rec	LCL	UCL	RPD	Max RPD	Units	Line 2
Nitrite											
CCV3	CCV3			W	1/19/17						
Nitrite		PASS		7.510	7.51	99.0	90	110		mg/L	
CCB3	CCB3			W	1/19/17						
Nitrite		PASS		0.000	0.000			+/-0.0220		mg/L	

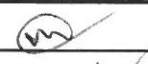
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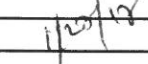
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Lab Sample ID	Client ID		Raw Amt	Dil	Matrix	A. Date	Prep	Analysis				Line 1
Parameter			PPB		Final Conc	%Rec	LCL	UCL	RPD	Max RPD	Units	Line 2
Ortho Phosphate												
STD1	STD1				W	1/16/17						
Ortho-Phosphate		PASS	0.000		0.000						mg/L	
STD2	STD2				W	1/16/17						
Ortho-Phosphate		PASS	0.141		0.141						mg/L	
STD3	STD3				W	1/16/17						
Ortho-Phosphate		PASS	1.038		1.04						mg/L	
STD4	STD4				W	1/16/17						
Ortho-Phosphate		PASS	2.114		2.11						mg/L	
STD5	STD5				W	1/16/17						
Ortho-Phosphate		PASS	4.688		4.69						mg/L	
STD6	STD6				W	1/16/17						
Ortho-Phosphate		PASS	9.791		9.79						mg/L	
STD7	STD7				W	1/16/17						
Ortho-Phosphate		PASS	11.962		12.0						mg/L	
STD8	STD8				W	1/16/17						
Ortho-Phosphate		PASS	24.246		24.2						mg/L	
ICV1	ICV1				W	1/16/17						
Ortho-Phosphate		PASS	11.280		11.30	90.0	90	110			mg/L	
ICB1	ICB1				W	1/16/17						
Ortho-Phosphate		PASS	0.000		0.000			+/-0.0100			mg/L	
CCV1	CCV1				W	1/19/17						
Ortho-Phosphate		PASS	11.741		11.70	97.0	90	110			mg/L	
CCB1	CCB1				W	1/19/17						
Ortho-Phosphate		PASS	0.000		0.000			+/-0.0100			mg/L	
LB85434BLW	LB85434BLW				W	1/19/17						
Ortho-Phosphate		PASS	0.000		0.000			+/-0.0100			mg/L	
LB85434BSW	LB85434BSW				W	1/19/17						
Ortho-Phosphate		PASS	11.888		11.90	95.0	90	110			mg/L	
I1272-23	0007		1		W	1/19/17						
Ortho-Phosphate		PASS	3.267		3.27						mg/L	
I1307-04	PT-AN1-WS		1		W	1/19/17						
Ortho-Phosphate		PASS	2.216		2.22						mg/L	
CCV2	CCV2				W	1/19/17						
Ortho-Phosphate		PASS	12.674		12.70	105.0	90	110			mg/L	
CCB2	CCB2				W	1/19/17						
Ortho-Phosphate		PASS	0.000		0.000			+/-0.0100			mg/L	
CCV3	CCV3				W	1/19/17						
Ortho-Phosphate		PASS	12.010		12.00	99.0	90	110			mg/L	
CCB3	CCB3				W	1/19/17						
Ortho-Phosphate		PASS	0.000		0.000			+/-0.0100			mg/L	

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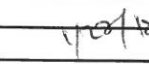
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Lab Sample ID	Client ID		Raw Amt	Dil	Matrix	A. Date	Prep	Analysis			Line 1
Parameter			PPB		Final Conc	%Rec	Method	Method			Line 2
Sulfate											
STD1	STD1				W	1/16/17					
Sulfate		PASS	0.000		0.000					mg/L	
STD2	STD2				W	1/16/17					
Sulfate		PASS	2.257		2.26					mg/L	
STD3	STD3				W	1/16/17					
Sulfate		PASS	4.027		4.03					mg/L	
STD4	STD4				W	1/16/17					
Sulfate		PASS	6.435		6.44					mg/L	
STD5	STD5				W	1/16/17					
Sulfate		PASS	14.161		14.2					mg/L	
STD6	STD6				W	1/16/17					
Sulfate		PASS	28.134		28.1					mg/L	
STD7	STD7				W	1/16/17					
Sulfate		PASS	35.683		35.7					mg/L	
STD8	STD8				W	1/16/17					
Sulfate		PASS	76.553		76.6					mg/L	
ICV1	ICV1				W	1/16/17					
Sulfate		PASS	36.442		36.40	97.0	90	110		mg/L	
ICB1	ICB1				W	1/16/17					
Sulfate		PASS	0.000		0.000			+/-0.1320		mg/L	
CCV1	CCV1				W	1/19/17					
Sulfate		PASS	36.065		36.10	96.0	90	110		mg/L	
CCB1	CCB1				W	1/19/17					
Sulfate		PASS	0.000		0.000			+/-0.1320		mg/L	
LB85434BLW	LB85434BLW				W	1/19/17					
Sulfate		PASS	0.000		0.000			+/-0.1320		mg/L	
LB85434BSW	LB85434BSW				W	1/19/17					
Sulfate		PASS	36.762		36.80	98.0	90	110		mg/L	
I1272-08	0008			1	W	1/19/17					
Sulfate		OR	129.473		129					mg/L	
I1307-04	PT-AN1-WS			1	W	1/19/17					
Sulfate		PASS	25.528		25.5					mg/L	
I1272-08DL	0008DL			5	W	1/19/17					
Sulfate		PASS	22.978		115					mg/L	
CCV2	CCV2				W	1/19/17					
Sulfate		PASS	35.812		35.80	95.0	90	110		mg/L	
CCB2	CCB2				W	1/19/17					
Sulfate		PASS	0.000		0.000			+/-0.1320		mg/L	
CCV3	CCV3				W	1/19/17					
Sulfate		PASS	35.936		35.90	96.0	90	110		mg/L	

Chemtech Consulting Group

Analytical Review Report

Date Printed : 1/27/17

Analyst : AP

Data File : LB85434.csv

Approved By : 

Approved Date :

Worksheet # : 1/28/18

Lab Sample ID	Client ID	Raw Amt	Dil	Matrix	A. Date	Prep	Analysis					Line 1
Parameter		PPB		Final Conc	%Rec	Method	Method					Line 2
Sulfate												
CCB3	CCB3			W	1/19/17							
Sulfate		PASS	0.000	0.000				+/-0.1320			mg/L	