

Chemtech Consulting Group

Analytical Review Report

Date Printed : 5/15/18
 Analyst : AL
 Data File : LB95244.csv

Approved By : SA
 Approved Date : 5/16/18
 Worksheet # : 1

Lab Sample ID	Client ID	Raw Amt	Dil	Matrix	A. Date	Prep	Analysis				Line 1
Parameter		PPB	Final Conc		%Rec	Method	Method	LCL	UCL	RPD	Line 2
Chloride											
STD1	STD1			W	5/10/18						
Chloride		PASS	0.000	0.000							mg/L
STD2	STD2			W	5/10/18						
Chloride		PASS	0.236	0.236							mg/L
STD3	STD3			W	5/10/18						
Chloride		PASS	0.638	0.638							mg/L
STD4	STD4			W	5/10/18						
Chloride		PASS	1.186	1.19							mg/L
STD5	STD5			W	5/10/18						
Chloride		PASS	2.880	2.88							mg/L
STD6	STD6			W	5/10/18						
Chloride		PASS	5.863	5.86							mg/L
STD7	STD7			W	5/10/18						
Chloride		PASS	7.647	7.65							mg/L
ICV1	ICV1			W	5/10/18						
Chloride		PASS	2.895	2.90	97.0	90	110				mg/L
ICB1	ICB1			W	5/10/18						
Chloride		PASS	0.000	0.000				+/-0.0750			mg/L
CCV1	CCV1			W	5/11/18						
Chloride		PASS	2.853	2.85	95.0	90	110				mg/L
CCB1	CCB1			W	5/11/18						
Chloride		PASS	0.000	0.000				+/-0.0750			mg/L
LB95244BLS	LB95244BLS			S	5/11/18						
Chloride		PASS	0.000	0.000				+/-0.0320			mg/Kg
LB95244BSS	LB95244BSS			S	5/11/18						
Chloride		PASS	2.850	56.90	95.0	90.00	110.00				mg/Kg
J2823-02	GREENSAND-SUPPLY-B	1	S	5/11/18							
Chloride	OR	10.715	351								mg/Kg
J2823-01	GREENSAND-SUPPLY-A	1	S	5/11/18							
Chloride	OR	12.110	338								mg/Kg
J2823-01S	GREENSAND-SUPPLY-AS	1	S	5/11/18							
Chloride	PASS	15.206	421.0	100.0	80	120					mg/Kg
J2823-01D	GREENSAND-SUPPLY-AD	1	S	5/11/18							
Chloride	PASS	12.117	338.00					0	20		mg/Kg
J2823-01DL	GREENSAND-SUPPLY-ADL	5	S	5/11/18							
Chloride	PASS	2.193	306								mg/Kg
J2823-02DL	GREENSAND-SUPPLY-BDL	5	S	5/11/18							
Chloride	PASS	2.007	329								mg/Kg
J2823-01SD	GREENSAND-SUPPLY-ASD	1	S	5/11/18							
Chloride	PASS	15.229	421.0	100.0	80	120	0	15			mg/Kg

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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
Chloride											
CCV2	CCV2			W	5/11/18						
Chloride		PASS	3.045	3.04	101.0	90	110			mg/L	
CCB2	CCB2			W	5/11/18						
Chloride		PASS	0.000	0.000			+/-0.0750			mg/L	

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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
Nitrate											
STD1	STD1				W	5/10/18					
Nitrate		PASS	0.000		0.000						mg/L
STD2	STD2				W	5/10/18					
Nitrate		PASS	0.181		0.181						mg/L
STD3	STD3				W	5/10/18					
Nitrate		PASS	0.526		0.526						mg/L
STD4	STD4				W	5/10/18					
Nitrate		PASS	0.989		0.989						mg/L
STD5	STD5				W	5/10/18					
Nitrate		PASS	2.422		2.42						mg/L
STD6	STD6				W	5/10/18					
Nitrate		PASS	4.905		4.90						mg/L
STD7	STD7				W	5/10/18					
Nitrate		PASS	6.351		6.35						mg/L
ICV1	ICV1				W	5/10/18					
Nitrate		PASS	2.477		2.48	99.0	90	110			mg/L
ICB1	ICB1				W	5/10/18					
Nitrate		PASS	0.000		0.000			+/-0.0270			mg/L
CCV1	CCV1				W	5/11/18					
Nitrate		PASS	2.423		2.42	97.0	90	110			mg/L
CCB1	CCB1				W	5/11/18					
Nitrate		PASS	0.000		0.000			+/-0.0270			mg/L
LB95244BLS	LB95244BLS				S	5/11/18					
Nitrate		PASS	0.000		0.000			+/-0.0110			mg/Kg
LB95244BSS	LB95244BSS				S	5/11/18					
Nitrate		PASS	2.446		48.80	98.0	90.00	110.00			mg/Kg
J2823-02	GREENSAND-SUPPLY-B		1		S	5/11/18					
Nitrate		PASS	4.683		153						mg/Kg
J2823-01	GREENSAND-SUPPLY-A		1		S	5/11/18					
Nitrate		PASS	5.098		142						mg/Kg
J2823-01S	GREENSAND-SUPPLY-AS		1		S	5/11/18					
Nitrate		PASS	7.748		214.0	104.0	80	120			mg/Kg
J2823-01D	GREENSAND-SUPPLY-AD		1		S	5/11/18					
Nitrate		PASS	5.071		141.00				0.7	20	mg/Kg
J2823-01SD	GREENSAND-SUPPLY-ASD		1		S	5/11/18					
Nitrate		PASS	7.687		213.0	103.0	80	120	0.5	15	mg/Kg
CCV2	CCV2				W	5/11/18					
Nitrate		PASS	2.561		2.56	102.0	90	110			mg/L
CCB2	CCB2				W	5/11/18					
Nitrate		PASS	0.000		0.000			+/-0.0270			mg/L

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Parameter			PPB		Final Conc	%Rec	Method	Method			Line 2
							LCL	UCL	RPD	Max RPD	Units
Nitrite											
STD1	STD1				W	5/10/18					
Nitrite		PASS	0.000		0.000						mg/L
STD2	STD2				W	5/10/18					
Nitrite		PASS	0.244		0.244						mg/L
STD3	STD3				W	5/10/18					
Nitrite		PASS	0.627		0.627						mg/L
STD4	STD4				W	5/10/18					
Nitrite		PASS	1.191		1.19						mg/L
STD5	STD5				W	5/10/18					
Nitrite		PASS	2.865		2.86						mg/L
STD6	STD6				W	5/10/18					
Nitrite		PASS	5.894		5.89						mg/L
STD7	STD7				W	5/10/18					
Nitrite		PASS	7.629		7.63						mg/L
ICV1	ICV1				W	5/10/18					
Nitrite		PASS	2.944		2.94	98.0	90	110			mg/L
ICB1	ICB1				W	5/10/18					
Nitrite		PASS	0.000		0.000			+/-0.0220			mg/L
CCV1	CCV1				W	5/11/18					
Nitrite		PASS	2.893		2.89	96.0	90	110			mg/L
CCB1	CCB1				W	5/11/18					
Nitrite		PASS	0.000		0.000			+/-0.0220			mg/L
LB95244BLS	LB95244BLS				S	5/11/18					
Nitrite		PASS	0.000		0.000			+/-0.0100			mg/Kg
LB95244BSS	LB95244BSS				S	5/11/18					
Nitrite		PASS	2.919		58.30	97.0	90.00	110.00			mg/Kg
J2823-02	GREENSAND-SUPPLY-B	1			S	5/11/18					
Nitrite		PASS	0.158		5.18						mg/Kg
J2823-01	GREENSAND-SUPPLY-A	1			S	5/11/18					
Nitrite		PASS	0.180		5.02						mg/Kg
J2823-01S	GREENSAND-SUPPLY-AS	1			S	5/11/18					
Nitrite		PASS	2.937		81.2	92.0	80	120			mg/Kg
J2823-01D	GREENSAND-SUPPLY-AD	1			S	5/11/18					
Nitrite		PASS	0.178		4.96				1.2	20	mg/Kg
J2823-01SD	GREENSAND-SUPPLY-ASD	1			S	5/11/18					
Nitrite		PASS	2.867		79.3	90.0	80	120	2.4	15	mg/Kg
CCV2	CCV2				W	5/11/18					
Nitrite		PASS	3.043		3.04	101.0	90	110			mg/L
CCB2	CCB2				W	5/11/18					
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			
Parameter			PPB		Final Conc	%Rec	LCL	UCL	RPD	Max RPD	Units
Sulfate											
STD1	STD1				W	5/10/18					
Sulfate		PASS	0.000		0.000						mg/L
STD2	STD2				W	5/10/18					
Sulfate		PASS	1.057		1.06						mg/L
STD3	STD3				W	5/10/18					
Sulfate		PASS	3.038		3.04						mg/L
STD4	STD4				W	5/10/18					
Sulfate		PASS	5.856		5.86						mg/L
STD5	STD5				W	5/10/18					
Sulfate		PASS	14.586		14.6						mg/L
STD6	STD6				W	5/10/18					
Sulfate		PASS	30.213		30.2						mg/L
STD7	STD7				W	5/10/18					
Sulfate		PASS	38.300		38.3						mg/L
ICV1	ICV1				W	5/10/18					
Sulfate		PASS	15.350		15.40	103.0	90	110			mg/L
ICB1	ICB1				W	5/10/18					
Sulfate		PASS	0.000		0.000			+/-0.1320			mg/L
CCV1	CCV1				W	5/11/18					
Sulfate		PASS	14.098		14.10	94.0	90	110			mg/L
CCB1	CCB1				W	5/11/18					
Sulfate		PASS	0.000		0.000			+/-0.1320			mg/L
LB95244BLS	LB95244BLS				S	5/11/18					
Sulfate		PASS	0.000		0.000			+/-0.0960			mg/Kg
LB95244BSS	LB95244BSS				S	5/11/18					
Sulfate		PASS	14.932		298.00	99.0	90.00	110.00			mg/Kg
J2823-02	GREENSAND-SUPPLY-B		1		S	5/11/18					
Sulfate	OR		50.552		1660						mg/Kg
J2823-01	GREENSAND-SUPPLY-A		1		S	5/11/18					
Sulfate	OR		57.928		1610						mg/Kg
J2823-01S	GREENSAND-SUPPLY-AS		1		S	5/11/18					
Sulfate	FAIL		88.368		2440.0	200.0	80	120			mg/Kg
J2823-01D	GREENSAND-SUPPLY-AD		1		S	5/11/18					
Sulfate	PASS		58.002		1620.00				0.6	20	mg/Kg
J2823-01DL	GREENSAND-SUPPLY-ADL		5		S	5/11/18					
Sulfate	PASS		9.097		1270						mg/Kg
J2823-02DL	GREENSAND-SUPPLY-BDL		5		S	5/11/18					
Sulfate	PASS		9.117		1490						mg/Kg
J2823-01SD	GREENSAND-SUPPLY-ASD		1		S	5/11/18					
Sulfate	FAIL		88.549		2450.0	202.0	80	120	0.4	15	mg/Kg

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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												
CCV2	CCV2				W	5/11/18						
Sulfate		PASS	15.324		15.30	102.0	90	110			mg/L	
CCB2	CCB2				W	5/11/18						
Sulfate		PASS	0.000		0.000			+/-0.1320			mg/L	