

SANGRE DE CRISTO (SDC) LABORATORY, INC.

Tierra Del Sol Industrial Park - 2329 Lava Lane - P.O. Box 642, Alamosa, CO 81101
 Tel: 719-589-1024 FAX: 719-589-3697 email address: sdc@sangrelabs.com

DATE COLLECTED: 10/16/12
 SYSTEM NAME: SUTPHIN
 MAILING ADDRESS: 5253 CTY. RD. 1 S., ALAMOSA, CO 81101
 TIME COLLECTED: 1:50 PM COUNTY: ALAMOSA
 CONTACT PERSON: BOB KIRKHAM WATER TYPE: PRIVATE WELL
 TEL. NUMBER: 719-587-0139 COLLECTED BY: BOB KIRKHAM
 SAMPLE LOCATION: 3000 BLM RD. 5100 A, MONTE VISTA @ WELL HEAD

LABORATORY INFORMATION:

LAB SAMPLE NO: 33434-35
 DATE RECEIVED: 10/16/12 REPORT DATE: 10/22/2012

PARAMETER	(mg/L) RESULTS	(mg/L) MCL	(mg/L) LAB MDL	METHOD
ALKALINITY HARDNESS	78	**	0.1	2340A
ARSENIC	< 0.001	0.01	0.001	200.9
ALUMINUM	0.364 EXCEEDS	0.2*	0.010	200.9
CHROMIUM	0.005	0.100	0.0008	200.9
CADMIUM	ND	0.005	0.0002	200.9
CHLORIDE	1.8	250*	0.1	300.0
COPPER	ND	1.3	0.001	200.9
FLUORIDE	0.22	4.0	0.019	300.0
IRON	0.144	0.3*	0.024	300.0
LEAD	0.0006	0.015	0.0006	200.9
MANGANESE	0.33 EXCEEDS	0.3*	0.021	200.9
NITRATE	0.4	10	0.19	300.0
NITRITE	ND	1.0	0.09	300.0
PH	7.1	6.0 - 7.8	0-14	150.1
PHOSPHATE	ND	ZERO	0.10	300.0
SODIUM	5.2	20.0	0.5	200.9
SULFATE	2.1	250*	1.0	300.0
TDS(Total Dissolved Solids)	117	500	1.0	160.1
ZINC	0.908	5.0	0.005	200.9

* Secondary MCL based on aesthetics

** Does not have a MCL

mg/L = Milligrams per liter

MCL = Maximum Contaminant Level

ND= Not detectable at laboratory's MDL

Lab MDL = Laboratory Method Detection Limit

Alkalinity hardness interpretation:

Soft water = 0 - 17.1 mg/L

Slightly hard water = 17.1 - 60 mg/L

Moderately hard water = 60 - 120 mg/L

Hard water = 120 - 180 mg/L

Very hard water = 180 mg/L & Above

Reviewed & Approved by: *E. Vigil*

Date: 10/22/12

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DATE COLLECTED: 10/18/12
SYSTEM NAME: RGC-D2 **STREET**
MAILING ADDRESS: 5253 CTY. RD. 1 SOUTH, ALAMOSA, CO 81101
TIME COLLECTED: 11:50 AM **COUNTY:** RIO GRANDE
CONTACT PERSON: BOB KIRKHAM **WATER TYPE:** PRIVATE WELL
TEL. NUMBER: 719-587-0139 **COLLECTED BY:** BOB KIRKHAM
SAMPLE LOCATION: 3792 BEAR CREEK CIR., SOUTH FORK @ WELL HEAD

LABORATORY INFORMATION:				
LAB SAMPLE NO:	33436-37		REPORT DATE:	10/29/2012
DATE RECEIVED:	10/19/12			
PARAMETER	(mg/L) RESULTS	(mg/L) MCL	(mg/L) LAB MDL	METHOD
ALKALINITY HARDNESS	98	**	0.1	2340A
ARSENIC	< 0.001	0.01	0.001	200.9
ALUMINUM	0.025	0.2*	0.010	200.9
CHROMIUM	ND	0.100	0.0008	200.9
CADMIUM	< 0.0002	0.005	0.0002	200.9
CHLORIDE	4.2	250*	0.1	300.0
COPPER	0.002	1.3	0.001	200.9
FLUORIDE	0.66	4.0	0.019	300.0
IRON	0.146	0.3*	0.024	300.0
LEAD	< 0.0006	0.015	0.0006	200.9
MANGANESE	0.413 EXCEEDS	0.3*	0.021	200.9
NITRATE	ND	10	0.19	300.0
NITRITE	ND	1.0	0.09	300.0
PH	8.1	6.0 - 7.8	0-14	150.1
PHOSPHATE	ND	ZERO	0.10	300.0
SODIUM	56.2 EXCEEDS	20.0	0.5	200.9
SULFATE	51.6	250*	1.0	300.0
TDS(Total Dissolved Solids)	230	500	1.0	160.1
ZINC	ND	5.0	0.005	200.9

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Alkalinity hardness interpretation:

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Hard water = 120 - 180 mg/L

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Date: 10/29/12

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DATE COLLECTED: 10/24/12
 SYSTEM NAME: RGC-D3 FIETEK
 MAILING ADDRESS: 5253 C.R. 1 SOUTH, ALAMOSA, CO 81101
 TIME COLLECTED: 10:10 A.M. COUNTY: RIO GRANDE
 CONTACT PERSON: BOB KIRKHAM WATER TYPE: PRIVATE WELL
 TEL. NUMBER: 719-587-0139 COLLECTED BY: BOB KIRKHAM
 SAMPLE LOCATION: 3313 C.R. 15, SOUTH

LABORATORY INFORMATION:				
LAB SAMPLE NO:	33461-62		REPORT DATE:	10/31/2012
DATE RECEIVED:	10/24/12			
PARAMETER	(mg/L) RESULTS	(mg/L) MCL	(mg/L) LAB MDL	METHOD
ALKALINITY HARDNESS	92	**	0.1	2340A
ARSENIC	< 0.001	0.01	0.001	200.9
ALUMINUM	0.136	0.2*	0.010	200.9
CHROMIUM	ND	0.100	0.0008	200.9
CADMIUM	ND	0.005	0.0002	200.9
CHLORIDE	4.0	250*	0.1	300.0
COPPER	0.024	1.3	0.001	200.9
FLUORIDE	2.61	4.0	0.019	300.0
IRON	.621 EXCEEDS	0.3*	0.024	300.0
LEAD	0.002	0.015	0.0006	200.9
MANGANESE	0.204	0.3*	0.021	200.9
NITRATE	ND	10	0.19	300.0
NITRITE	ND	1.0	0.09	300.0
PH	7.6	6.0 - 7.8	0-14	150.1
PHOSPHATE	ND	ZERO	0.10	300.0
SODIUM	67.3 EXCEEDS	20.0	0.5	200.9
SULFATE	33.0	250*	1.0	300.0
TDS(Total Dissolved Solids)	218	500	1.0	160.1
ZINC	0.012	5.0	0.005	200.9

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Alkalinity hardness interpretation:

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Hard water = 120 - 180 mg/L

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Date: 10/31/12

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DATE COLLECTED: 10/24/12
SYSTEM NAME: RGC-D4 PERSON
MAILING ADDRESS: 5253 C.R. 1 SOUTH, ALAMOSA, CO 81101
TIME COLLECTED: 12:25 P.M. **COUNTY:** RIO GRANDE
CONTACT PERSON: BOB KIRKHAM **WATER TYPE:** PRIVATE WELL
TEL. NUMBER: 719-587-0139 **COLLECTED BY:** BOB KIRKHAM
SAMPLE LOCATION: 160 MARMOT, SOUTH FORK, CO 81154

LABORATORY INFORMATION:				
LAB SAMPLE NO:	33459-60		REPORT DATE:	10/31/2012
DATE RECEIVED:	10/24/12			
PARAMETER	(mg/L) RESULTS	(mg/L) MCL	(mg/L) LAB MDL	METHOD
ALKALINITY HARDNESS	89	**	0.1	2340A
ARSENIC	< 0.001	0.01	0.001	200.9
ALUMINUM	0.130	0.2*	0.010	200.9
CHROMIUM	ND	0.100	0.0008	200.9
CADMIUM	ND	0.005	0.0002	200.9
CHLORIDE	10.6	250*	0.1	300.0
COPPER	0.027	1.3	0.001	200.9
FLUORIDE	2.37	4.0	0.019	300.0
IRON	.602 EXCEEDS	0.3*	0.024	300.0
LEAD	0.001	0.015	0.0006	200.9
MANGANESE	0.202	0.3*	0.021	200.9
NITRATE	ND	10	0.19	300.0
NITRITE	ND	1.0	0.09	300.0
PH	7.6	6.0 - 7.8	0-14	150.1
PHOSPHATE	ND	ZERO	0.10	300.0
SODIUM	69 EXCEEDS	20.0	0.5	200.9
SULFATE	42	250*	1.0	300.0
TDS(Total Dissolved Solids)	225	500	1.0	160.1
ZINC	0.130	5.0	0.005	200.9

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