

ANALYTICAL REPORTS

SAMPLE CODE: 343232

8/19/2015

Customer: Wideawake Waterhouse, LLC
 Diane Morgan
 2295 Missouri Gulch
 Black Hawk, CO 80422

Source: Wideawake Spring
Sample Temperature: 45 F
Field pH: 6.8

Date/Time Received: 6/30/2015 09:10

Collected by: C. Morgan

The results herein conform to TNI and ISO/IEC 17025:2005 standards, where applicable, unless otherwise narrated in the body of the report. The uncertainty of the test results are available upon request. All Dates and Times are reported as U.S. Eastern Time.

Legend:

Any 'Level Detected' marked with an asterisk (*) indicates that the value has exceeded the EPA Maximum Contaminant Level (MCL) or one of the Standards of Quality.

"ND" This contaminant was not detected at or above our lower reporting limit (LRL)

"NA" Not Analyzed

"Standard" This column indicates either the Maximum Contaminant Level (MCL) for EPA Primary Standards or the guideline values for EPA Secondary Standards.

"LRL" This column indicates the Lower Reporting Limit, which is the lowest level that the laboratory can detect a contaminant.

"DF" This column indicates the contaminant dilution factor.

Port Notes:

analysis has a 15 minute hold time from sampling to analysis. Analysis of pH past the 15 minute hold time should be considered an estimate.

Fed Id #	Contaminant	Method	Standard	Units	LRL	Level Detected	DF	Date/Time Sampled	Date Prepped	Date/Time Analyzed
Inorganic Analytes - Metals										
1002	Aluminum	200.7	0.2	mg/L	0.05	ND	1	6/29/2015 13:30		7/9/2015
1074	Antimony	200.8	0.006	mg/L	0.003	ND	1	6/29/2015 13:30		7/2/2015
1005	Arsenic	200.8	0.010	mg/L	0.002	ND	1	6/29/2015 13:30		7/2/2015
1010	Barium	200.7	2	mg/L	0.10	ND	1	6/29/2015 13:30		7/9/2015
1075	Beryllium	200.7	0.004	mg/L	0.001	ND	1	6/29/2015 13:30		7/9/2015
1079	Boron	200.7	--	mg/L	0.10	ND	1	6/29/2015 13:30		7/9/2015
1015	Cadmium	200.7	0.005	mg/L	0.001	ND	1	6/29/2015 13:30		7/9/2015
1016	Calcium	200.7	--	mg/L	2.0	3.8	1	6/29/2015 13:30		7/9/2015
1020	Chromium	200.7	0.100	mg/L	0.007	ND	1	6/29/2015 13:30		7/9/2015
1022	Copper	200.7	1.0	mg/L	0.002	ND	1	6/29/2015 13:30		7/9/2015
1028	Iron	200.7	0.3	mg/L	0.020	ND	1	6/29/2015 13:30		7/9/2015
1030	Lead	200.8	0.015	mg/L	0.001	ND	1	6/29/2015 13:30		7/2/2015
1031	Magnesium	200.7	--	mg/L	0.10	0.70	1	6/29/2015 13:30		7/9/2015
1032	Manganese	200.7	0.05	mg/L	0.004	ND	1	6/29/2015 13:30		7/9/2015
1035	Mercury	200.8	0.002	mg/L	0.0002	ND	1	6/29/2015 13:30		7/2/2015
1036	Nickel	200.7	--	mg/L	0.005	ND	1	6/29/2015 13:30		7/9/2015
1042	Potassium	200.7	--	mg/L	1.0	ND	1	6/29/2015 13:30		7/9/2015
1044	Selenium	200.8	0.05	mg/L	0.002	ND	1	6/29/2015 13:30		7/2/2015
1045	Silver	200.7	0.10	mg/L	0.002	ND	1	6/29/2015 13:30		7/9/2015

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Fed Id #	Contaminant	Method	Standard	Units	LRL	Level Detected	DF	Date/Time Sampled	Date Prepped	Date/Time Analyzed
1052	Sodium	200.7	--	mg/L	1	2	1	6/29/2015 13:30		7/9/2015
1085	Thallium	200.8	0.002	mg/L	0.001	ND	1	6/29/2015 13:30		7/2/2015
4009	Uranium	200.8	0.030	mg/L	0.001	ND	1	6/29/2015 13:30		7/2/2015
1095	Zinc	200.7	5.000	mg/L	0.004	0.013	1	6/29/2015 13:30		7/9/2015
Physical Factors										
1927	Alkalinity (Total as CaCO ₃)	2320B	--	mg/L	20	ND	Y5	1	6/29/2015 13:30	7/10/2015
1905	Apparent Color	2120B	15	CU	3	ND	Y5	1	6/29/2015 13:30	6/30/2015 15:25
1910	Corrosivity	2330B	--	SI		-4.63		1	6/29/2015 13:30	7/10/2015
2905	Foaming Agents	5540C	0.5	mg/L	0.1	ND	Y5	1	6/29/2015 13:30	6/30/2015 17:20
MBAS, calculated as Linear Alkylate Sulfonate (LAS), mol wt of 342.4 g/mole										
1915	Hardness (as CaCO ₃)	2340C	--	mg/L	10	10		1	6/29/2015 13:30	7/14/2015
1920	Odor Threshold	2150B	3	ton	1	ND	Y5	1	6/29/2015 13:30	6/30/2015 13:10
1925	pH	150.1	6.5-8.5	pH Units		6.1*		1	6/29/2015 13:30	6/30/2015 13:25
4254	pH Temperature	150.1	--	Deg, C		17		1	6/29/2015 13:30	6/30/2015 13:25
1930	Total Dissolved Solids	2540C	500	mg/L	5	29	Y5	1	6/29/2015 13:30	7/1/2015
0100	Turbidity	2130B	1	NTU	0.1	0.2	Y5	1	6/29/2015 13:30	6/30/2015 13:40
Inorganic Analytes - Other										
1017	Bromide	300.1	--	mg/L	0.005	ND		1	6/29/2015 13:30	7/7/2015
1017	Chloride	300.0	250	mg/L	1.0	ND		1	6/29/2015 13:30	7/1/2015 13:47
1025	Fluoride	300.0	4.0	mg/L	0.10	0.11		1	6/29/2015 13:30	7/1/2015 13:47
1040	Nitrate as N	300.0	10	mg/L	0.05	0.12	Q,Y5	1	6/29/2015 13:30	7/1/2015 13:47
1041	Nitrite as N	300.0	1	mg/L	0.05	ND	Q,Y5	1	6/29/2015 13:30	7/1/2015 13:47
1044	Ortho Phosphate	300.0	--	mg/L	2.0	ND	Q,Y5	1	6/29/2015 13:30	7/1/2015 13:47
1055	Sulfate	300.0	250	mg/L	5.0	ND	Y5	1	6/29/2015 13:30	7/1/2015 13:47
Organic Analytes - Trihalomethanes										
2943	Bromodichloromethane	524.2 THMs	--	mg/L	0.0005	ND	Y5	1	7/8/2015 14:30	7/13/2015
2942	Bromoform	524.2 THMs	--	mg/L	0.0005	ND	Y5	1	7/8/2015 14:30	7/13/2015
2941	Chloroform	524.2 THMs	--	mg/L	0.0005	ND	Y5	1	7/8/2015 14:30	7/13/2015
2944	Dibromochloromethane	524.2 THMs	--	mg/L	0.0005	ND	Y5	1	7/8/2015 14:30	7/13/2015
2950	Total THMs	524.2 THMs	0.080	mg/L	0.0005	ND	Y5	1	7/8/2015 14:30	7/13/2015
Organic Analytes - Volatiles										
2986	1,1,1,2-Tetrachloroethane	524.2	--	mg/L	0.0005	ND	Y5	1	7/8/2015 14:30	7/13/2015
2981	1,1,1-Trichloroethane	524.2	0.2	mg/L	0.0005	ND	Y5	1	7/8/2015 14:30	7/13/2015
2988	1,1,2,2-Tetrachloroethane	524.2	--	mg/L	0.0005	ND	Y5	1	7/8/2015 14:30	7/13/2015
2985	1,1,2-Trichloroethane	524.2	0.005	mg/L	0.0005	ND	Y5	1	7/8/2015 14:30	7/13/2015
2978	1,1-Dichloroethane	524.2	--	mg/L	0.0005	ND	Y5	1	7/8/2015 14:30	7/13/2015
2977	1,1-Dichloroethene	524.2	0.007	mg/L	0.0005	ND	Y5	1	7/8/2015 14:30	7/13/2015
2	1,1-Dichloropropene	524.2	--	mg/L	0.0005	ND	Y5	1	7/8/2015 14:30	7/13/2015
2420	1,2,3-Trichlorobenzene	524.2	--	mg/L	0.0005	ND	Y5	1	7/8/2015 14:30	7/13/2015

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2414	1,2,3-Trichloropropane	524.2	--	mg/L	0.0005	ND	Y5 1	7/8/2015 14:30		7/13/2015
2378	1,2,4-Trichlorobenzene	524.2	0.07	mg/L	0.0005	ND	Y5 1	7/8/2015 14:30		7/13/2015
2418	1,2,4-Trimethylbenzene	524.2	--	mg/L	0.0005	ND	Y5 1	7/8/2015 14:30		7/13/2015
2968	1,2-Dichlorobenzene	524.2	0.6	mg/L	0.0005	ND	Y5 1	7/8/2015 14:30		7/13/2015
2980	1,2-Dichloroethane	524.2	0.005	mg/L	0.0005	ND	Y5 1	7/8/2015 14:30		7/13/2015
2983	1,2-Dichloropropane	524.2	0.005	mg/L	0.0005	ND	Y5 1	7/8/2015 14:30		7/13/2015
2424	1,3,5-Trimethylbenzene	524.2	--	mg/L	0.0005	ND	Y5 1	7/8/2015 14:30		7/13/2015
2967	1,3-Dichlorobenzene	524.2	--	mg/L	0.0005	ND	Y5 1	7/8/2015 14:30		7/13/2015
2412	1,3-Dichloropropane	524.2	--	mg/L	0.0005	ND	Y5 1	7/8/2015 14:30		7/13/2015
2969	1,4-Dichlorobenzene	524.2	0.075	mg/L	0.0005	ND	Y5 1	7/8/2015 14:30		7/13/2015
2416	2,2-Dichloropropane	524.2	--	mg/L	0.0005	ND	Y5 1	7/8/2015 14:30		7/13/2015
2965	2-Chlorotoluene	524.2	--	mg/L	0.0005	ND	Y5 1	7/8/2015 14:30		7/13/2015
2966	4-Chlorotoluene	524.2	--	mg/L	0.0005	ND	Y5 1	7/8/2015 14:30		7/13/2015
2030	4-Isopropyltoluene	524.2	--	mg/L	0.0005	ND	Y5 1	7/8/2015 14:30		7/13/2015
2990	Benzene	524.2	0.005	mg/L	0.0005	ND	Y5 1	7/8/2015 14:30		7/13/2015
2993	Bromobenzene	524.2	--	mg/L	0.0005	ND	Y5 1	7/8/2015 14:30		7/13/2015
2411	Bromochloromethane	524.2	--	mg/L	0.0005	ND	Y5 1	7/8/2015 14:30		7/13/2015
2410	Bromomethane	524.2	--	mg/L	0.0005	ND	Y5 1	7/8/2015 14:30		7/13/2015
2982	Carbon Tetrachloride	524.2	0.005	mg/L	0.0005	ND	Y5 1	7/8/2015 14:30		7/13/2015
2989	Chlorobenzene	524.2	0.1	mg/L	0.0005	ND	Y5 1	7/8/2015 14:30		7/13/2015
2216	Chloroethane	524.2	--	mg/L	0.0005	ND	Y5 1	7/8/2015 14:30		7/13/2015
2210	Chloromethane	524.2	--	mg/L	0.0005	ND	Y5 1	7/8/2015 14:30		7/13/2015
2380	cis-1,2-Dichloroethene	524.2	0.07	mg/L	0.0005	ND	Y5 1	7/8/2015 14:30		7/13/2015
2228	cis-1,3-Dichloropropene	524.2	--	mg/L	0.0005	ND	Y5 1	7/8/2015 14:30		7/13/2015
2408	Dibromomethane	524.2	--	mg/L	0.0005	ND	Y5 1	7/8/2015 14:30		7/13/2015
2212	Dichlorodifluoromethane	524.2	--	mg/L	0.0005	ND	Y5 1	7/8/2015 14:30		7/13/2015
2964	Dichloromethane	524.2	0.005	mg/L	0.0005	ND	Y5 1	7/8/2015 14:30		7/13/2015
2992	Ethylbenzene	524.2	0.7	mg/L	0.0005	ND	Y5 1	7/8/2015 14:30		7/13/2015
2246	Hexachlorobutadiene	524.2	--	mg/L	0.0005	ND	Y5 1	7/8/2015 14:30		7/13/2015
2994	Isopropylbenzene	524.2	--	mg/L	0.0005	ND	Y5 1	7/8/2015 14:30		7/13/2015
2251	Methyl Tert Butyl Ether	524.2	--	mg/L	0.0005	ND	Y5 1	7/8/2015 14:30		7/13/2015
2247	Methyl-Ethyl Ketone	524.2	--	mg/L	0.005	ND	Y5 1	7/8/2015 14:30		7/13/2015
2248	Naphthalene	524.2	--	mg/L	0.0005	ND	Y5 1	7/8/2015 14:30		7/13/2015
2422	n-Butylbenzene	524.2	--	mg/L	0.0005	ND	Y5 1	7/8/2015 14:30		7/13/2015
2997	o-Xylene	524.2	--	mg/L	0.0005	ND	Y5 1	7/8/2015 14:30		7/13/2015
2963	p and m-Xylenes	524.2	--	mg/L	0.0010	ND	Y5 1	7/8/2015 14:30		7/13/2015
2998	Propylbenzene	524.2	--	mg/L	0.0005	ND	Y5 1	7/8/2015 14:30		7/13/2015
2428	sec-Butylbenzene	524.2	--	mg/L	0.0005	ND	Y5 1	7/8/2015 14:30		7/13/2015
2996	Styrene	524.2	0.1	mg/L	0.0005	ND	Y5 1	7/8/2015 14:30		7/13/2015
2413	tert-Butylbenzene	524.2	--	mg/L	0.0005	ND	Y5 1	7/8/2015 14:30		7/13/2015
2995	Tetrachloroethene	524.2	0.005	mg/L	0.0005	ND	Y5 1	7/8/2015 14:30		7/13/2015

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Fed Id #	Contaminant	Method	Standard	Units	LRL	Level Detected	DF	Date/Time Sampled	Date Prepped	Date/Time Analyzed
2991	Toluene	524.2	1	mg/L	0.0005	ND	Y5 1	7/8/2015 14:30		7/13/2015
2979	trans-1,2-Dichloroethene	524.2	0.1	mg/L	0.0005	ND	Y5 1	7/8/2015 14:30		7/13/2015
2224	trans-1,3-Dichloropropene	524.2	--	mg/L	0.0005	ND	Y5 1	7/8/2015 14:30		7/13/2015
2984	Trichloroethene	524.2	0.005	mg/L	0.0005	ND	Y5 1	7/8/2015 14:30		7/13/2015
2218	Trichlorofluoromethane	524.2	--	mg/L	0.0005	ND	Y5 1	7/8/2015 14:30		7/13/2015
2904	Trichlorotrifluoroethane	524.2	--	mg/L	0.0005	ND	Y5 1	7/8/2015 14:30		7/13/2015
2976	Vinyl Chloride	524.2	0.002	mg/L	0.0005	ND	Y5 1	7/8/2015 14:30		7/13/2015
2955	Xylenes (Total)	524.2	10	mg/L	0.0005	ND	Y5 1	7/8/2015 14:30		7/13/2015
Organic Analytes - Others										
2931	1,2-Dibromo-3-chloropropane	504.1	0.0002	mg/L	0.00001	ND	Y5 1	6/29/2015 13:30	7/10/2015	7/10/2015
2946	1,2-Dibromoethane	504.1	0.00005	mg/L	0.00001	ND	Y5 1	6/29/2015 13:30	7/10/2015	7/10/2015
2066	3-Hydroxycarbofuran	531.2	--	ug/L	1.0	ND	Y5 1	7/28/2015 13:00		8/6/2015
2051	Alachlor	525.2	2	ug/L	0.2	ND	Y5 1	6/29/2015 13:30	7/10/2015	7/16/2015
2047	Aldicarb	531.2	7	ug/L	1.0	ND	Y5 1	7/28/2015 13:00		8/6/2015
2044	Aldicarb sulfone	531.2	7	ug/L	1.0	ND	Y5 1	7/28/2015 13:00		8/6/2015
2043	Aldicarb sulfoxide	531.2	7	ug/L	1.0	ND	Y5 1	7/28/2015 13:00		8/6/2015
2050	Aldrin	525.2	--	ug/L	0.2	ND	Y5 1	6/29/2015 13:30	7/10/2015	7/16/2015
2055	Atrazine	525.2	3	ug/L	0.1	ND	Y5 1	6/29/2015 13:30	7/10/2015	7/16/2015
2306	Benzo(A)pyrene	525.2	0.2	ug/L	0.1	ND	Y5 1	6/29/2015 13:30	7/10/2015	7/16/2015
2076	Butachlor	525.2	--	ug/L	0.2	ND	Y5 1	6/29/2015 13:30	7/10/2015	7/16/2015
2021	Carbaryl	531.2	--	ug/L	1.0	ND	Y5 1	7/28/2015 13:00		8/6/2015
2046	Carbofuran	531.2	40	ug/L	1.0	ND	Y5 1	7/28/2015 13:00		8/6/2015
2959	Chlordane	505	0.002	mg/L	0.0001	ND	Y5 1	8/13/2015 14:00	8/17/2015	8/17/2015
2035	Di(2-ethylhexyl) adipate	525.2	400	ug/L	0.2	ND	Y5 1	6/29/2015 13:30	7/10/2015	7/16/2015
2039	Di(2-ethylhexyl) phthalate	525.2	6	ug/L	0.6	ND	Y5 1	6/29/2015 13:30	7/10/2015	7/16/2015
2933	Dichloran	505	--	mg/L	0.001	ND	Y5 1	8/13/2015 14:00	8/17/2015	8/17/2015
2070	Dieldrin	525.2	--	ug/L	0.2	ND	Y5 1	6/29/2015 13:30	7/10/2015	7/16/2015
2032	Diquat	549.2	20	ug/L	1	ND	Y5 1	6/29/2015 13:30	7/3/2015	7/8/2015
2033	Endothall	548.1	100	ug/L	9	ND	Y5 1	6/29/2015 13:30	7/6/2015	7/9/2015
2005	Endrin	525.2	2	ug/L	0.2	ND	Y5 1	6/29/2015 13:30	7/10/2015	7/16/2015
2034	Glyphosate	547	700	ug/L	6	ND	Y5 1	6/29/2015 13:30		7/2/2015
2065	Heptachlor	525.2	0.4	ug/L	0.2	ND	Y5 1	6/29/2015 13:30	7/10/2015	7/16/2015
2067	Heptachlor Epoxide	525.2	--	ug/L	0.2	ND	Y5 1	6/29/2015 13:30	7/10/2015	7/16/2015
2274	Hexachlorobenzene	525.2	1	ug/L	0.2	ND	Y5 1	6/29/2015 13:30	7/10/2015	7/16/2015
2042	Hexachlorocyclopentadiene	525.2	--	ug/L	0.2	ND	Y5 1	6/29/2015 13:30	7/10/2015	7/16/2015
2010	Lindane	525.2	--	ug/L	0.2	ND	Y5 1	6/29/2015 13:30	7/10/2015	7/16/2015
2022	Methomyl	531.2	--	ug/L	1.0	ND	Y5 1	7/28/2015 13:00		8/6/2015
2015	Methoxychlor	525.2	40	ug/L	0.2	ND	Y5 1	6/29/2015 13:30	7/10/2015	7/16/2015
2045	Metolachlor	525.2	--	ug/L	0.2	ND	Y5 1	6/29/2015 13:30	7/10/2015	7/16/2015
2	Metribuzin	525.2	--	ug/L	0.2	ND	Y5 1	6/29/2015 13:30	7/10/2015	7/16/2015
2626	Molinate	525.2	--	ug/L	0.2	ND	Y5 1	6/29/2015 13:30	7/10/2015	7/16/2015

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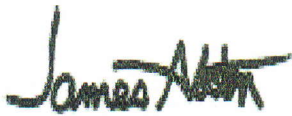
Fed Id #	Contaminant	Method	Standard	Units	LRL	Level Detected	DF	Date/Time Sampled	Date Prepped	Date/Time Analyzed
2036	Oxamyl	531.2	200	ug/L	1.0	ND	Y5 1	7/28/2015 13:00		8/6/2015
2934	Pentachloronitrobenzene	505	--	mg/L	0.0001	ND	Y5 1	8/13/2015 14:00	8/17/2015	8/17/2015
2077	Propachlor	525.2	--	ug/L	0.2	ND	Y5 1	6/29/2015 13:30	7/10/2015	7/16/2015
2037	Simazine	525.2	4	ug/L	0.1	ND	Y5 1	6/29/2015 13:30	7/10/2015	7/16/2015
2627	Thiobencarb	525.2	--	ug/L	0.2	ND	Y5 1	6/29/2015 13:30	7/10/2015	7/16/2015
2383	Total PCBs	505	0.0005	mg/L	0.0005	ND	Y5 1	8/13/2015 14:00	8/17/2015	8/17/2015
2020	Toxaphene	505	0.003	mg/L	0.001	ND	Y5 1	8/13/2015 14:00	8/17/2015	8/17/2015
2055	Trifluralin	505	--	mg/L	0.001	ND	Y5 1	8/13/2015 14:00	8/17/2015	8/17/2015

Qualifiers:

Y5: Sample received outside of temperature acceptance range. Sample does not meet method requirements for acceptable thermal preservation.
Q: Sample analyzed beyond the accepted holding time.

These test results may be used for compliance purpose as required.

(1) DUE TO THE LIMITATION OF EPA METHOD 524.2, m AND p ISOMERS OF XYLENE ARE REPORTED AS AGGREGATE.



James Abston, Operations Manager

Analyst	Tests
VH	200.7,2330B
EC	200.8
PC	2320B,2120B,5540C,2340C,2150B,150.1,2540C,2130B
SG	300.1,300.0
SB	524.2 THMs,524.2,531.2,549.2,547
JPT	504.1,505
JF	525.2,548.1

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General Information

Standard: USFDA CFR Title 21 Part 165.110
Date and Time Sampled: 06/29/2015 13:30 EDT
Product Description: Sample #343232 | Order #2060977
Test Description: Phenolics & Herbicides

Sample Id: **S-0001170597**
Description: Sample #343232 | Order #2060977 - 06/29/2015 13:30 EDT
Sampled Date: 06/29/2015
Received Date: 07/01/2015

Testing Parameter	Reporting Limit	Result	FDA SOQ	Units	P / F
Inorganic Chemicals					
Phenolics	0.001	ND	0.001	mg/L	Pass
Organic Chemicals					
Herbicides (Ref: EPA 515.3)					
2,4,5-TP	0.2	ND	50	ug/L	Pass
2,4-D	0.1	ND	70	ug/L	Pass
Bentazon	0.2	ND		ug/L	
Dalapon	1	ND	200	ug/L	Pass
DCPA Acid Metabolites	0.2	ND		ug/L	
Dicamba	0.1	ND		ug/L	
Dinoseb	0.2	ND	7	ug/L	Pass
Pentachlorophenol	0.04	ND	1	ug/L	Pass
Picloram	0.1	ND	500	ug/L	Pass

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: 2060977
Pace Project No.: 30152383

Sample: 343232 **Lab ID: 30152383001** Collected: 06/29/15 11:30 Received: 07/02/15 09:35 Matrix: Drinking Water
PWS: Site ID: Sample Type:

Comments:

- Sample collection dates and times were not present on the sample containers.
- Upon receipt at the laboratory, 3 mls of nitric acid were added to the sample to meet the sample preservation requirement of pH <2 for radiochemistry analysis.
- SOURCE WATER, Wideawake Spring, Black Hawk, CO
- sample no: 343232
- sample collected on 6/29/15 @ 11:30 by Diane Morgan

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
Gross Alpha	EPA 900.0	-0.207 ± 0.248 (0.716) C:NA T:NA	pCi/L	07/14/15 15:22	12587-46-1	
Gross Beta	EPA 900.0	0.633 ± 0.556 (1.12) C:NA T:NA	pCi/L	07/14/15 15:22	12587-47-2	
Radium-226	EPA 903.1	0.183 ± 0.267 (0.448) C:NA T:89%	pCi/L	07/22/15 10:41	13982-63-3	
Radium-228	EPA 904.0	-0.166 ± 0.313 (0.769) C:76% T:79%	pCi/L	07/22/15 11:06	15262-20-1	

REPORT OF LABORATORY ANALYSIS

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Evergreen Analytical, Inc.

4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Client Sample ID: water
Client Project ID:
Date Collected: 10/29/08 0800
Date Received: 10/29/08

Lab Work Order: 08-8312
Lab Sample ID: 08-8312-01
Sample Matrix: Water

DISSOLVED OXYGEN

Method: SM 4500-OG

Prep Method:

Comments: This is a field parameter with a 15min. holding time.

Date Prepared: 10/29/08
Date Analyzed: 10/29/08 0830

Dilution Factor: 1
Lab Fraction ID: 08-8312-01A

Analytes	CAS Number	Result	LQL	Units
Dissolved Oxygen	7782-44-7	8.73 H		mg/L



Analyst



Approved

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
E - Extrapolated value Value exceeds calibration range
H - Sample analysis exceeded analytical holding time
J - Indicates an estimated value when the compound is detected, but is below the LQL
S - Spike Recovery outside accepted limits
F - Compound analyzed for but not detected
N - See case narrative
* Value exceeded the Maximum Contamination Level (MCL), MCLP limit, or if compound is undetected, LQL exceeds MCL

Definitions: NA - Not Applicable
LQL - Lower Quantitation Limit
Surr - Surrogate

Print Date: 10/29/08

REPORT OF ANALYTICAL RESULTS



Client: Charles Morgan
Wideawake Waterhouse, LLC
P.O Box 637
Black Hawk, CO 80422

Lab Number: 41359
Received: 11/4/2008
Matrix: Water

Project:
Project Number:
Collected by: Client

Sample Description:
See Below
Analyzed: 11/4/2008
Method: CF-IRMS

$\delta^{18}\text{O}$ δD (water)

LAB NUMBER	SAMPLE DESCRIPTION	$\delta^{18}\text{O}$ ‰	δD ‰
41359-1	Pure Spring Water	-19.6	-140.2
Analytical Precision (1-sigma)		0.2	0.8

Submitted by,
Zymax Forensics, a DPRA company

River He, PhD
Isotope Lab Manager

41359-1h2o.xls
RH D12.03 04

760-781-3338