

REPORT OF CHEMICAL ANALYSIS

Report No. 0406-095

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Munters
 16900 Jordan Rd.
 Selma, TX 78154
 ATTN: Diane
 H2OLIVIDAIR INC. Test Results

Date Received:
 06-10-2004

Date Reported:
 06-23-2004

Sample Type:
 Liquid

SAMPLE ID#1: Water sample							
PARAMETER	RESULTS	MCL	UNITS	PQL	METHOD #	DATE ANALYZED	ANALYST INITIALS
Total Aluminum	<0.05	0.05	mg/L	0.05	200.7	06-14-04	MKG
Total Arsenic	<0.01	0.05	mg/L	0.01	200.7	06-14-04	MKG
Total Boron	<0.01	NSE	mg/L	0.01	200.7	06-14-04	MKG
Total Barium	<0.01	2.00	mg/L	0.01	200.7	06-14-04	MKG
Total Beryllium	<0.004	0.004	mg/L	0.004	200.7	06-14-04	MKG
Total Calcium	<1.00	NSE	mg/L	1.00	200.7	06-14-04	MKG
Total Cadmium	<0.005	0.005	mg/L	0.005	200.7	06-14-04	MKG
Total Cobalt	<0.01	NSE	mg/L	0.01	200.7	06-14-04	MKG
Total Chromium	<0.01	0.10	mg/L	0.01	200.7	06-14-04	MKG
Total Copper	<0.02	1.00	mg/L	0.02	200.7	06-14-04	MKG
Total Iron	<0.05	0.30	mg/L	0.05	200.7	06-14-04	MKG
Total Mercury	<0.0002	0.002	mg/L	0.0002	245.1	06-14-04	MA/MKG
Total Potassium	<1.00	NSE	mg/L	1.00	200.7	06-14-04	MKG
Total Magnesium	0.017	NSE	mg/L	0.01	200.7	06-14-04	MKG
Total Manganese	<0.01	0.05	mg/L	0.01	200.7	06-14-04	MKG
T. Molybdenum	<0.01	NSE	mg/L	0.01	200.7	06-14-04	MKG
Total Silver	<0.05	0.10	mg/L	0.05	200.7	06-14-04	MKG
Total Sodium	<1.00	NSE	mg/L	1.00	200.7	06-14-04	MKG
Total Lead	<0.010	0.015	mg/L	0.010	200.7	06-14-04	MKG
Total Antimony	<0.006	0.006	mg/L	0.006	200.7	06-14-04	MKG
Total Selenium	<0.01	0.05	mg/L	0.01	200.7	06-14-04	MKG
Total Silica	0.152	NSE	mg/L	0.01	200.7	06-14-04	MKG
Total Tin	<0.01	NSE	mg/L	0.01	200.7	06-14-04	MKG
Total Strontium	<0.01	NSE	mg/L	0.01	200.7	06-14-04	MKG
Total Titanium	<0.01	NSE	mg/L	0.01	200.7	06-14-04	MKG
Total Thallium	<0.002	0.002	mg/L	0.01	200.7	06-14-04	MKG
Total Vanadium	<0.01	NSE	mg/L	0.01	200.7	06-14-04	MKG
Total Zinc	<0.01	5.00	mg/L	0.01	200.7	06-14-04	MKG
Alkalinity	<10.0	NSE	mg/L	10.0	310.1	06-12-04	SKM
Chloride	<10.0	300	mg/L	10.0	SM4500	06-15-04	SKM
Fluoride	0.06	4.00	mg/L	0.05	340.1	06-14-04	SKM
Nitrate as N	<0.10	10.0	mg/L	0.10	352.1	06-11-04	SKM
Nitrite as N	<0.01	1.00	mg/L	0.01	354.1	06-11-04	SKM
Sulfate	<1.00	300	mg/L	1.00	375.4	06-15-04	SKM
pH	6.63	6.5-8.5	su	--	150.1	06-10-04	SKM
TDS	<10.0	1,000	mg/L	10.0	160.1	06-16-04	SKM
Turbidity	<1.00	NSE	NTU	0.05	SM2130B	06-11-04	DT
Total Cyanide	<0.02	0.20	mg/L	0.02	335.2	06-14-04	AR
SPC	19	19	MPN/ml	--	Unite dose simplate	06-10-04	MA

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QUALITY CONTROL DATA

Parameters	Blank Results	Units	Spike Amt.	LCS %REC	LCSD %REC	MS %REC	Original Results	Dup Results	% RPD
Aluminum	<0.05	mg/L	2	84	--	103	0.098	0.1	2
Antimony	<0.006	mg/L	2	95	--	93	<0.006	<0.006	<1
Arsenic	<0.01	mg/L	2	99	--	94	<0.01	<0.01	<1
Barium	<0.01	mg/L	2	91	--	92	0.012	0.013	8
Beryllium	<0.004	mg/L	2	100	--	95	<0.004	<0.004	<1
Boron	<0.01	mg/L	2	80	--	77	0.073	0.077	5
Calcium	<1.00	mg/L	2	101	--	120	33	33.6	2
Cadmium	<0.005	mg/L	2	99	--	95	<0.005	<0.005	<1
Cobalt	<0.01	mg/L	2	100	--	95	<0.01	<0.01	<1
Chromium	<0.01	mg/L	2	98	--	94	<0.01	<0.01	<1
Copper	<0.02	mg/L	2	86	--	84	<0.02	<0.02	<1
Potassium	<1.00	mg/L	20	87	--	87	6.72	5.62	18
Magnesium	<0.01	mg/L	2	88	--	62*	19.5	18.9	3
Manganese	<0.01	mg/L	2	96	--	92	<0.01	<0.01	<1
Molybdenum	<0.01	mg/L	2	97	--	93	0.072	0.065	10
Lead	<0.01	mg/L	2	100	--	99	<0.01	<0.01	<1
Nickel	<0.01	mg/L	2	97	--	94	<0.01	<0.01	<1
Selenium	<0.01	mg/L	2	102	-	98	<0.01	<0.01	<1
Silver	<0.05	mg/L	1	94	--	99	<0.05	<0.05	<1
Silica	<0.01	mg/L	10	100	--	94	6.51	6.28	4
Sodium	<1.00	mg/L	2	110	--	*	167.5	179.5	*
Tin	<0.01	mg/L	2	103	--	101	<0.01	<0.01	<1
Strontium	<0.01	mg/L	2	98	--	95	0.269	0.269	<1
Titanium	<0.01	mg/L	2	99	--	95	3.66	3.66	<1
Thallium	<0.01	mg/L	2	102	--	101	<0.01	<0.01	<1
Vanadium	<0.01	mg/L	2	102	--	99	0.183	0.186	2
Zinc	<0.01	mg/L	2	89	--	87	0.016	0.016	<1
Mercury	<0.0002	mg/L	0.005	97	--	101	<0.0002	<0.002	<1
Alkalinity	<10.0	mg/L	100	96	--	--	116	108	7
Chloride	<10.0	mg/L	100	97	118	--	148	144	3
Cyanide	<10.0	mg/L	0.100	93	99	88	<0.02	<0.02	<1
Fluoride	<0.05	mg/L	1.5	96	--	--	0.07	0.06	15
Nitrate-N	<0.10	mg/L	2.0	90	--	--	<0.10	<0.10	<1
Nitrite	<0.01	mg/L	0.25	97	--	--	<0.01	<0.01	<1
pH	--	su	4.00	101	--	--	6.63	6.62	<1
Sulfate	<1.00	mg/L	40	95	--	--	<1.00	<1.00	<1
TDS	<10.0	mg/L	100	90	--	--	3846	3715	3
Turbidity	<1.00	mg/L	--	101	--	--	--	--	-

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QUALITY CONTROL DATA (COLIFORM)

PARAMETER	BLANK RESULT	UNITS	POSTIVE CONTROL	NEG CONTROL
Coliform	<1	CFU	54	<1

*** Recoveries affected by matrix**

MCL: Maximum Contamination Level

NSE: No Standard Established

PQL: Practical Quantitative Limit

mg/L: Milligrams per Liter

Test Methods: Methods for Chemical Analysis of Water and Wastes, EPA 600/4-79-020, Rev. March 1983
Standard Methods for the Examination of Water and Wastewater, 20th Edition 1998
SW EPA Test Methods for the Examination of Solid Waste, SW-846, 1996

Respectfully Submitted,

Richard Hawk
General Manager

