

*Compliance Designs*

CLIENT: Menehune Water  
99-1205 Halawa Valley Street  
Aiea, HI 96701

DATE OF REPORT: Quarter 3, 2008  
REPORT #: 017-054  
LABORATORY ID#: F08070944, 447005.01, 0807-1103, G492-1752

NOTE: "\*)" indicates that maximum levels have been exceeded, or in the case of pH, is either too high or too low  
"ND" indicates that none of this analyte has been detected at or above the specified detection level  
"MCL" indicates maximum contaminant level as established by EPA and/or FDA or state  
"RL" indicates laboratory reporting limit for method

ANALYSIS PERFORMED	MCL (mg/L)	RL (mg/L)	PURIFIED FINISHED PRODUCT (Produced from Municipal Source, 5 Gallon L1) 017-054 (mg/L)
<b>Primary Inorganics</b>			
Antimony	0.006	0.0010	ND
Arsenic	0.01	0.0020	ND
Asbestos	7 MFL	0.179	ND
Barium	2	0.010	ND
Beryllium	0.004	0.0010	ND
Cadmium	0.005	0.0010	ND
Chromium	0.1	0.0050	ND
Cyanide	0.2	0.010	ND
Fluoride	4	0.050	ND
Lead	0.015	0.0010	ND
Mercury	0.002	0.00010	ND
Nickel	0.1	0.0050	ND
Nitrogen, Nitrate	10	0.050	ND
Nitrogen, Nitrite	1.0	0.050	ND
Nitrogen - NO3/NO2 (NOX)	10	0.050	ND
Selenium	0.05	0.0010	ND
Thallium	0.002	0.0010	ND
<b>Secondary Inorganics</b>			
Alkalinity	--	5.0	ND
Aluminum	0.2	0.10	ND
Bicarbonate	--	5.0	ND
Boron	--	0.050	ND
Bromide	--	0.10	ND
Calcium	--	0.50	ND
Carbonate	--	5.0	ND
Chloride	250	0.50	ND
Copper	1	0.0050	ND
Corrosivity	--	--	-5.4
Foaming Agents	0.5	0.20	ND
Hardness, Calcium (as CaCO3)	--	1.2	ND
Hydroxide	--	5.0	ND
Iron	0.3	0.040	ND
Magnesium	--	0.50	ND
Manganese	0.05	0.0050	ND
Orthophosphate	--	0.10	ND
pH	5.0-7.0	0.100	6.44
Phenol	0.001	0.0010	ND
Potassium	--	0.50	ND
Silver	0.1	0.0050	ND
Sodium	--	1.0	ND
Specific Conductance	--	1.00	3.38
Sulfate	250	0.50	ND
TDS	10	5.0	ND
Zinc	5	0.020	ND

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<b>Physical</b>			
Color	15 CU	5.0	ND
Odor	3 TON	1.0	ND
Turbidity	1-5 NTU	0.20	ND
<b>Microbiological</b>			
Total Coliform	Absence	Absence	ND
Standard Plate Count	-- cfu/mL	1.0	ND
<b>Radiologicals</b>			
Gross Alpha	15 pCi/L	1.48	0.188 (± 0.587)
Gross Beta	50 pCi/L	1.77	0.502 (± 0.791)
Radium 226/228	5 pCi/L	0.244 / 0.696	0.090 (± 0.176) / 0.633 (± 0.366)
Uranium	30 ug/L	0.210	0.067 (± 0.002)
<b>Volatile Organic Compounds</b>			
<b>EPA 524.2:</b>			
Total Trihalomethanes	0.080	0.00050	ND
Benzene	0.001	0.00050	ND
Bromobenzene	--	0.00050	ND
Bromochloromethane	--	0.00050	ND
Bromodichloromethane	--	0.00050	ND
Bromoform	--	0.00050	ND
Bromomethane	--	0.00050	ND
n-Butylbenzene	--	0.00050	ND
sec-Butylbenzene	--	0.00050	ND
tert-Butylbenzene	--	0.00050	ND
Carbon tetrachloride	0.005	0.00050	ND
Chlorobenzene	0.1	0.00050	ND
Chloroethane	--	0.00050	ND
Chloroform	--	0.00050	ND
Chloromethane	--	0.00050	ND
2-Chlorotoluene	--	0.00050	ND
4-Chlorotoluene	--	0.00050	ND
Dibromochloromethane	--	0.00050	ND
Dibromomethane	--	0.00050	ND
1,2-Dichlorobenzene	0.6	0.00050	ND
1,3-Dichlorobenzene	--	0.00050	ND
1,4-Dichlorobenzene	0.075	0.00050	ND
Dichlorodifluoromethane	--	0.00050	ND
1,1-Dichloroethane	--	0.00050	ND
1,2-Dichloroethane	0.005	0.00050	ND
1,1-Dichloroethene	0.007	0.00050	ND
cis-1,2-Dichloroethene	0.07	0.00050	ND
trans-1,2-Dichloroethene	0.1	0.00050	ND
1,2-Dichloropropane	0.005	0.00050	ND
1,3-Dichloropropane	--	0.00050	ND
2,2-Dichloropropane	--	0.00050	ND
1,1-Dichloropropene	--	0.00050	ND
cis-1,3-Dichloropropene	--	0.00050	ND
trans-1,3-Dichloropropene	--	0.00050	ND
Ethylbenzene	0.7	0.00050	ND
Hexachlorobutadiene	--	0.00050	ND
Isopropylbenzene	--	0.00050	ND
4-Isopropyltoluene	--	0.00050	ND

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<b>EPA 524.2 continued:</b>			
Methyl tert-Butyl Ether	--	0.00050	ND
Methyl Ethyl Ketone	--	0.020	ND
Methylene Chloride	0.005	0.00050	ND
Naphthalene	--	0.00050	ND
n-Propylbenzene	--	0.00050	ND
Styrene	0.1	0.00050	ND
1,1,1,2-Tetrachloroethane	--	0.00050	ND
1,1,2,2-Tetrachloroethane	--	0.00050	ND
Tetrachloroethene	0.005	0.00050	ND
Toluene	1	0.00050	ND
1,2,3-Trichlorobenzene	--	0.00050	ND
1,2,4-Trichlorobenzene	0.07	0.00050	ND
1,1,1-Trichloroethane	0.2	0.00050	ND
1,1,2-Trichloroethane	0.005	0.00050	ND
Trichloroethene	0.005	0.00050	ND
Trichlorofluoromethane	--	0.00050	ND
Trichlorotrifluoroethane	--	0.00050	ND
1,2,3-Trichloropropane	--	0.00050	ND
1,2,3-Trimethylbenzene	--	0.00050	ND
1,2,4-Trimethylbenzene	--	0.00050	ND
1,3,5-Trimethylbenzene	--	0.00050	ND
Vinyl chloride	0.002	0.00050	ND
meta-Xylene \	--	0.00050	ND
ortho-Xylene - (total xylenes)	10	0.00050	ND
para-Xylene /	--	0.00050	ND
<b>Add'l Organics</b>			
<b>EPA 504.1:</b>			
Ethylene Dibromide	0.00002	0.000010	ND
Dibromochloropropane	0.0002	0.000020	ND
<b>EPA 508.1:</b>			
Alachlor	0.002	0.00019	ND
Atrazine	0.003	0.000097	ND
Butachlor	--	0.000097	ND
Chlordane (alpha and gamma)	0.002	0.00019	ND
Endrin	0.002	0.000097	ND
Heptachlor	0.0004	0.000039	ND
Heptachlor epoxide	0.0002	0.000019	ND
Hexachlorobenzene	0.001	0.000097	ND
Hexachlorocyclopentadiene	0.05	0.000097	ND
Lindane	0.0002	0.000019	ND
Methoxychlor	0.04	0.000097	ND
Metolachlor	--	0.000097	ND
Metribuzin	--	0.000097	ND
Total PCBs	0.0005	0.000097	ND
PCB 1016	--	0.000097	ND
PCB 1221	--	0.000097	ND
PCB 1232	--	0.000097	ND
PCB 1242	--	0.000097	ND
PCB 1248	--	0.000097	ND
PCB 1254	--	0.000097	ND
PCB 1260	--	0.000097	ND
Simazine	0.004	0.000068	ND
Toxaphene	0.003	0.00097	ND

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<b>EPA 515.3:</b>			
Bentazon	0.02	0.00020	ND
2,4-D	0.07	0.00010	ND
Dalapon	0.2	0.0010	ND
Dicamba	--	0.00010	ND
Dinoseb	0.007	0.00020	ND
Pentachlorophenol	0.001	0.000040	ND
Picloram	0.5	0.00010	ND
2,4,5-TP (Silvex)	0.05	0.00020	ND
<b>EPA 525.2:</b>			
Aldrin	--	0.000097	ND
Benzo(a)pyrene	0.0002	0.000097	ND
2-Chlorobiphenyl	--	0.000097	ND
Dieldrin	--	0.00013	ND
Di(2-ethylhexyl)adipate	0.4	0.0015	ND
Di(2-ethylhexyl)phthalate	0.006	0.0019	ND
Dimethyl phthalate	--	0.0015	ND
Fluorene	--	0.00019	ND
Indeno(1,2,3-cd)pyrene	--	0.00019	ND
Molinate	--	0.0019	ND
trans-Nonachlor	--	0.00019	ND
2,2',3,3',4,5',6,6'-Octachlorobiphenyl	--	0.000097	ND
2,2',3',4,6-Pentachlorobiphenyl	--	0.000097	ND
Phenanthrene	--	0.00019	ND
Propachlor	--	0.00019	ND
Pyrene	--	0.00019	ND
2,2',4,4'-Tetrachlorobiphenyl	--	0.000097	ND
Thiobencarb	--	0.0019	ND
<b>EPA 531.1:</b>			
Aldicarb (TEMIK)	0.007	0.0020	ND
Aldicarb sulfone	0.007	0.0020	ND
Aldicarb sulfoxide	0.007	0.0020	ND
Carbaryl	--	0.0020	ND
Carbofuran	0.04	0.0020	ND
3-Hydroxycarbofuran	--	0.0020	ND
Methiocarb	--	0.0020	ND
Methomyl	--	0.0020	ND
Oxamyl (VYDATE)	0.2	0.0020	ND
<b>EPA 547:</b>			
Glyphosate	0.7	0.0060	ND
<b>EPA 548.1:</b>			
Endothall	0.1	0.0090	ND
<b>EPA 549.2:</b>			
Diquat	0.02	0.00040	ND
Paraquat	--	0.00040	ND
<b>EPA 1613:</b>			
2,3,7,8-TCDD (DIOXIN)	3x10 <sup>-8</sup>	0.01x10 <sup>-9</sup>	ND

ANALYSIS PERFORMED	MCL (mg/L)	RL (mg/L)	PURIFIED FINISHED PRODUCT (Produced from Municipal Source, 5 Gallon L1) 017-054 (mg/L)
<b>Disinfection Byproducts</b>			
<b>EPA 300.1:</b>			
Bromate	0.010	0.0025	ND
Chlorite	1.0	0.0050	ND
<b>EPA 552.1:</b>			
Dibromoacetic acid	--	0.00100	ND
Dichloroacetic acid	--	0.00100	ND
Monobromoacetic acid	--	0.00100	ND
Monochloroacetic acid	--	0.00100	ND
Trichloroacetic acid	--	0.00100	ND
Haloacetic Acids, Total	0.060	0.00100	ND
<b>EPA 524.2:</b>			
Total Trihalomethanes	0.080	0.00050	ND
Bromodichloromethane	--	0.00050	ND
Bromoform	--	0.00050	ND
Chloroform	--	0.00050	ND
Dibromochloromethane	--	0.00050	ND
<b>Residual Disinfectants</b>			
<b>SM4500-CL D:</b>			
Residual Chlorine, Total	4.0	0.10	ND
Chloramines	4.0	0.10	ND
<b>SM4500-CIO2-D:</b>			
Chlorine Dioxide	0.8	0.10	ND

EPA approved methods were used in all of the analyses and a listing is available upon request. These test results may be used for compliance purposes as required.