

REPORT TO: City of Santa Rosa, - Municipal Service Center

REPORT DATE: 11/14/2007

## WTP Station 4 - Title 22

SAMPLER: WHITEHURST (D)

DATE COLLECTED: 9/25/2007

SAMPLE ID: MM32666

DATE RECEIVED: 9/25/2007

I/W SAMP. ID:

LAB LOGIN ID:

Analyte	Method	Result	Units	Reporting Limit	Analysis Date
Surfactants	SM 5540 C	Not detected	mg/l	0.10	10/25/2007
<b>504</b>					
1,2-Dibromoethane (EDB)	EPA 504.1	Not detected	ug/l	0.020	10/25/2007
<b>505</b>					
Heptachlor	EPA 505	Not detected	ug/l	0.010	10/25/2007
Heptachlor epoxide	EPA 505	Not detected	ug/l	0.010	10/25/2007
Lindane (gamma-BHC)	EPA 505	Not detected	ug/l	0.20	10/25/2007
Methoxychlor	EPA 505	Not detected	ug/l	10	10/25/2007
<b>515</b>					
2,4,5-TP (Silvex)	EPA 515.4	Not detected	ug/l	0.050	10/25/2007
Dalapon	EPA 515.4	Not detected	ug/l	1.0	10/25/2007
Pentachlorophenol	EPA 515.4	Not detected	ug/l	0.040	10/25/2007
Picloram	EPA 515.4	Not detected	ug/l	0.10	10/25/2007
<b>524</b>					
1,1,1-Trichloroethane	524.2	Not detected	ug/l	0.5	10/1/2007
1,1,2,2-Tetrachloroethane	524.2	Not detected	ug/l	0.5	10/1/2007
1,1,2-Trichloroethane	524.2	Not detected	ug/l	0.5	10/1/2007
1,1-Dichloroethane	524.2	Not detected	ug/l	0.5	10/1/2007
1,1-Dichloroethene	524.2	Not detected	ug/l	0.5	10/1/2007
1,2,4-Trichlorobenzene	524.2	Not detected	ug/l	0.5	10/1/2007
1,2-Dichlorobenzene	524.2	Not detected	ug/l	0.5	10/1/2007
1,2-Dichloroethane	524.2	Not detected	ug/l	0.5	10/1/2007
1,2-Dichloropropane	524.2	Not detected	ug/l	0.5	10/1/2007
1,4-Dichlorobenzene	524.2	Not detected	ug/l	0.5	10/1/2007
Benzene	524.2	Not detected	ug/l	0.5	10/1/2007
Carbon tetrachloride	524.2	Not detected	ug/l	0.5	10/1/2007
Chlorobenzene	524.2	Not detected	ug/l	0.5	10/1/2007
cis-1,2-Dichloroethene	524.2	Not detected	ug/l	0.5	10/1/2007
cis-1,3-dichloropropene	524.2	Not detected	ug/l	0.5	10/1/2007
Ethylbenzene	524.2	Not detected	ug/l	0.5	10/1/2007
Freon-113	524.2	Not detected	ug/l	0.5	10/1/2007
m,p-Xylene	524.2	Not detected	ug/l	0.5	10/1/2007
Methyl-tert-butyl ether	524.2	Not detected	ug/l	0.5	10/1/2007
Methylene chloride	524.2	Not detected	ug/l	0.5	10/1/2007
o-Xylene	524.2	Not detected	ug/l	0.5	10/1/2007
Styrene	524.2	Not detected	ug/l	0.5	10/1/2007
Tetrachloroethene	524.2	Not detected	ug/l	0.5	10/1/2007
Toluene	524.2	Not detected	ug/l	0.5	10/1/2007
trans-1,2-Dichloroethene	524.2	Not detected	ug/l	0.5	10/1/2007
trans-1,3-dichloropropene	524.2	Not detected	ug/l	0.5	10/1/2007
Trichloroethene	524.2	Not detected	ug/l	0.5	10/1/2007
Trichlorofluoromethane	524.2	Not detected	ug/l	0.5	10/1/2007
Vinyl chloride	524.2	Not detected	ug/l	0.5	10/1/2007
<b>525</b>					
<b>531</b>					
Oxamyl	531.1	Not detected	ug/l	20	10/25/2007
<b>549</b>					
Diquat	549.2	Not detected	ug/l	4.0	10/25/2007
<b>900</b>					
Gross Alpha	EPA 900.0	Not detected	pCi/L	3.0	10/25/2007
<b>ENDO</b>					
Endothall	EPA 548.1	Not detected	ug/l	45	10/25/2007
<b>MERCURY</b>					
Mercury, Cold Vapor AA	245.1	<0.05	ug/l	0.05	9/26/2007
<b>METALS</b>					
Total Hardness by Calculation - mg/L	2340B	147	mg CaCO3/L	1.0	10/30/2007
<b>METALS-1</b>					
Aluminum	200.8	Not detected	ug/L	50	11/13/2007
Antimony	200.8	Not detected	ug/L	2.0	11/13/2007

Arsenic	200.8	Not detected	ug/L	2.0	11/13/2007
Barium	200.8	53	ug/L	2.0	11/13/2007
Beryllium	200.8	Not detected	ug/L	0.5	11/13/2007
Cadmium	200.8	Not detected	ug/L	0.5	11/13/2007
Chromium	200.8	Not detected	ug/L	1.0	11/13/2007
Copper	200.8	Not detected	ug/L	2.0	11/13/2007
Lead	200.8	Not detected	ug/L	2.0	11/13/2007
Manganese	200.8	3.6	ug/L	2.0	11/13/2007
Nickel	200.8	Not detected	ug/L	2.0	11/13/2007
Selenium	200.8	Not detected	ug/L	5.0	11/13/2007
Silver	200.8	Not detected	ug/L	0.5	11/13/2007
Thallium	200.8	Not detected	ug/L	1.0	11/13/2007
Zinc	200.8	17	ug/L	10	11/13/2007
<b>METALS-2</b>					
Aggressive Index for Drinking Water	EPA 570/9-84	11.9	A. I.		10/30/2007
Calcium, ICP - Total	200.7	29	mg/L	0.20	10/30/2007
Iron, ICP - Total	200.7	0.34	mg/L	0.05	10/30/2007
Potassium, ICP - Total	200.7	8.3	mg/L	0.2	10/30/2007
Magnesium, ICP - Total	200.7	18	mg/L	0.10	10/30/2007
Sodium, ICP - Total	200.7	56	mg/L	2.0	10/30/2007
<b>NUTRIENT</b>					
Alkalinity (Total)	2320B	230	mg/l	0.25	9/26/2007
Alkalinity (Carbonate)	2320B	<0.25	mg/l	0.25	9/27/2007
Alkalinity (Bicarbonate)	2320B	230	mg/l	0.25	9/27/2007
Alkalinity (Hydroxide)	2320B	<0.25	mg/l	0.25	9/27/2007
Chloride	300.0	23	mg/l	1	10/9/2007
Fluoride	300.0	0.2	mg/l	0.1	10/14/2007
Nitrite as N - Drinking Water	4500B	<400	ug/L	400	9/26/2007
Nitrate as NO3	300.0	<2.0	mg/l	2.0	9/26/2007
pH	4500-H B	7.7	pH	1	9/25/2007
Sulfate	300.0	0.9	mg/l	0.5	10/27/2007
<b>ODOR</b>					
Odor test	SM 2150B	Not detected	T.O.N.	1	10/25/2007
<b>RAD228</b>					
Radium 228	EPA 904.0	Not detected	pCi/L	1	10/25/2007
<b>SOLIDS</b>					
Electrical Conductivity	2510B	490	µmhos/cm	0.5	9/25/2007
Total Dissolved Solids	2540C	350	mg/l	10	9/30/2007
Turbidity	2130B	<0.20	NTU	0.20	9/25/2007
<b>SUB</b>					
Asbestos	100.2	Not detected	MFL	0.2	10/25/2007
Color SM2120B CA DW in Water	SM2120B	10	CU	1.0	10/25/2007

Comments: