USFilter

4669 Shepherd Trail
Rockford, IL 61103-1294

STANDARD WATER ANALYSIS

Sample ID : GEIN_CA_CH(2001APR6)001
Sample NO: T8040
Job ID : J(2001APR)6568

GE International
P.O. Box 1520
Chino
CA 91708

ATTN: Ron Gamble/USF

Sampled : 3-APR-2001
Received : 6-APR-2001
Completed : 13-APR-2001
Description : City Water
Sample Point: Tap
Rep. ID : USFI_CA_S2 RSM ID :
Purpose : Proposal

PARAMETER	RESULT	UNITS	PARAMETER	RESULT	UNITS
Calcium (Ca)	18.8	mg/l CaCO3	Sulfate (SO4)	10.4	mg/l CaCO3
Magnesium (Mg)	2.19	mg/l CaCO3	Chloride (Cl)	8.79	mg/l CaCO3
Sodium (Na)	49.5	mg/l CaCO3	Phosphate (PO4)	<0.30	mg/l CaCO3
Potassium (K)	0.911	mg/l CaCO3	Nitrate (NO3)	19.0	mg/l CaCO3
			Bicarb (HCO3)	33.0	mg/l CaCO3
			Carbonate (CO3)	2.0	mg/l CaCO3
Silica (SiO2)	5.23	mg/l CaCO3	pH	8.39	
Iron (Fe)	<0.007	mg/l Fe			
Manganese (Mn)	<0.002	mg/l Mn			
Free (CO2) [1]	0.3	mg/l CaCO3	TOC (C)	0.211	mg/l
			Turbidity	0.10	NTU
Fluoride (F)	0.420	mg/l CaCO3			

ADDITIONAL TESTS

PARAMETER	RESULT	UNITS
Aluminum (Al)	<0.05	mg/l
Barium (Ba)	0.026	mg/l
Conductivity	143.9	umhos
Copper (Cu)	<0.006	mg/l
Strontium (Sr)	0.052	mg/l
Total Hardness	20.99	mg/l CaCO3
Zinc (Zn)	0.014	mg/l

NOTES:

[1] Derived from alkalinity and pH

OUR REPRESENTATIVE IN YOUR AREA IS:

U.S. Filter
Western Regional Office
1100 East Willow Street
Signal Hill, CA 90806

ANALYZED BY Cindy Sodowski
Department of R&D

CITY OF CHINO
WATER QUALITY REPORT - 1998

Parameter	Federal MCL	State MCL	MCLG (PHG)	Groundwater Range	Groundwater Average	Treated Water Range	Treated Water Average
PRIMARY STANDARDS - Mandatory Health-Related							
CLARITY							
Turbidity (NTU)	1.00	0.50	NS	0.27-0.39	0.31	0.05-0.08	0.06
MICROBIOLOGICAL							
Coliform Bacteria (a)	5%	5%	0	0	0	0	0
Fecal Coliform/E. Coli	0	0	0	0	0	0	0
INORGANIC CHEMICALS (mg/L)							
Aluminum	NS	1	NS	<0.05	<0.05	ND-0.11	0.04
Antimony	0.006	0.006	(0.02)	<0.002	<0.002	ND	ND
Arsenic	0.05	0.05	0.00	<0.002	<0.002	ND	ND
Asbestos (a)	7	7	7	NA	NA	ND	ND
Barium	1	1	2	<0.1	<0.1	ND	ND
Beryllium	0.004	0.004	0.004	<0.001	<0.001	ND	ND
Cadmium	0.01	0.005	0.005	<0.001	<0.001	ND	ND
Chromium	0.05	0.05	0.10	<0.01	<0.01	ND	ND
Copper	1.00	1.00	(0.17)	<0.05	<0.05	ND	ND
Cyanide	0.20	0.20	(0.15)	<0.001	<0.001	ND	ND
Fluoride (b)	4	1.4-2.4	(1.00)	0.2-.20	0.22	ND-0.13	0.06
Lead	0.05	0.05	(2)	<0.005	<0.005	ND	ND
Mercury	0.002	0.002	0.002	<0.001	<0.001	ND	ND
Nickel	0.10	0.10	0.14	<0.01	<0.01	ND	ND
Nitrate (as NO3)	45	45	10	39.4-56.1	44.50	ND-0.57	0.36
Selenium	0.01	0.05	0.05	<0.005	<0.005	ND	ND
Thallium	0.002	0.002	0.0005	<0.001	<0.001	ND	ND
Silver	0.05	0.01	NS	<0.01	<0.01	ND	ND
ORGANIC CHEMICALS (mg/L)							
Alachlor	0.002	0.002	(0.024)	ND	ND	ND	ND
Atrazine	0.003	0.003	0.003	ND	ND	ND	ND
Bentazon	NS	0.018	NS	ND	ND	ND	ND
Benzene	0.005	0.001	0	ND	ND	ND	ND
Carbofuran*	0.04	0.018	0.04	ND	ND	ND	ND
Carbon Tetrachloride	0.005	0.0005	0	ND	ND	ND	ND
Chlordane*	0.002	0.0001	(0.00006)	ND	ND	ND	ND
2,4-D	0.1	0.07	(0.07)	ND	ND	ND	ND
Dibromochloropropane	0.0002	0.0002	0	ND	ND	ND	ND
para-Dichlorobenzene	0.075	0.005	(0.006)	ND	ND	ND	ND
1,1-Dichloroethane*	NS	0.005	0.007	ND	ND	ND	ND
1,2-Dichloroethane	0.005	0.0005	0	ND	ND	ND	ND
1,1-Dichloroethylene	0.007	0.007	0.007	ND	ND	ND	ND
cis-1,2-Dichloroethylene*	0.07	0.006	0.07	ND	ND	ND	ND
trans-1,2-Dichloroethylene*	0.1	0.01	0.10	ND	ND	ND	ND
1,2-Dichloropropane*	0.005	0.005	0	ND	ND	ND	ND
1,3-Dichloropropene	NS	0.0005	NS	ND	ND	ND	ND
Di(2-ethylhexyl)Phthalate*	NS	0.004	(0.012)	ND	ND	ND	ND
Dinoseb	0.007	0.007	(0.014)	ND	ND	ND	ND
Endrin	0.0002	0.0002	0.002	ND	ND	ND	ND
Ethylbenzene	0.7	0.70	(0.3)	ND	ND	ND	ND
Ethylene Dibromide	0.00005	0.00002	0	ND	ND	ND	ND
Glyphosate*	NS	0.7	(1)	ND	ND	ND	ND
Heptachlor*	0.0004	0.00001	0	ND	ND	ND	ND
Heptachlor Epoxide*	0.0002	0.00001	0	ND	ND	ND	ND
Lindane	0.004	0.0002	0.0002	ND	ND	ND	ND
Methoxychlor	0.1	0.040	0.040	ND	ND	ND	ND
Molinate	NS	0.02	NS	ND	ND	ND	ND
Monochlorobenzene	0.1	0.07	0.10	ND	ND	ND	ND
Simazine	NS	0.004	0.004	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NS	0.001	NS	ND	ND	ND	ND
Tetrachloroethylene	0.005	0.005	0	ND	ND	ND	ND
Thiobencarb	NS	0.07	NS	ND	ND	ND	ND
Total Trihalomethanes (f)	0.1	0.10	0	ND-0.016	0.002	0.04-0.07	0.05
Toxaphene	0.005	0.005	0	ND	ND	ND	ND
2,4,5-TP(Silvex)	0.01	0.05	0.05	ND	ND	ND	ND
1,1,1-Trichloroethane	0.2	0.2	0.2	ND	ND	ND	ND
1,1,2-Trichloroethane	NS	0.005	0.003	ND	ND	ND	ND
Trichloroethylene	0.005	0.005	0	ND	ND	ND	ND
Trichlorofluoromethane* (Freon 11)	NS	0.15	(0.7)	ND	ND	ND	ND
1,1,2-Trichloro-1,2,2-Trifluoroethane(Freon 113)*	NS	1.2	(4)	ND	ND	ND	ND
Vinyl Chloride	0.002	0.0005	0	ND	ND	ND	ND
Xylenes(g)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

RADIONUCLIDES (pCi/L)							
Gross Alpha (c)	15	15	NS	<1-2.1	0.70	ND-3.4	1.4
Gross Beta	NS	50	NS	NA	NA	ND-6.7	4.6
Radium 226 (d)	5	5	NS	NA	NA	ND-1.3	ND
Radium 228 (d)	5	5	NS	NA	NA	ND	ND
Radon 222	NS	NS	NS	280-307	292.0	ND-86	ND
Strontium-90	8	8	NS	NA	NA	ND-1.8	ND
Tritium	20000	20000	NS	NA	NA	ND	ND
Uranium	NS	20	(2)	NA	NA	ND-1.2	ND
SECONDARY STANDARDS - Aesthetic Standards							
CHEMICAL PARAMETERS (mg/L)							
Chloride	250	250-500	NS	8.6-16.4	13.10	17-82	43
Color (units)	15	15	NS	1.00	1.00	<3	<3
Copper	1	1	NS	<0.05	<0.05	ND	ND
Specific Conductance (umho/cm3)	NS	900-1600	NS	380-370	448.90	215-425	342
Foaming Agents (MBAS)	0.5	0.5	NS	<0.02	<0.02	ND	ND
Iron	0.3	0.3	NS	<0.10	<0.10	ND	ND
Manganese	0.05	0.05	NS	<0.03	<0.03	ND	ND
Odor-Threshold (Units)	3	3	NS	1	1	1	1
Sulfate	250	250-600	NS	14.6-33.2	22.50	10-59	32
Total Dissolved Solids	500	500-1000	NS	208-323	266.30	106-246	188
Zinc	5	5	NS	<0.05	<0.05	ND	ND
ADDITIONAL PARAMETERS							
Calcium (mg/L)	NS	NS	NS	43.3-72.1	53.90	15-28	21
Hardness as CaCO3(mg/L)	NS	NS	NS	143-262	189.70	88-119	100
Heterotrophic Plate Count (cfu/ml)	NS	NS	NS	NA	NA	NC	NC
Magnesium(mg/L)	NS	NS	NS	8.7-16.8	12.70	5-12	8
pH (Units)	NS	6.5-8.5	NS	7.7-8	7.80	8.2-8.4	8.3
Potassium (mg/L)	NS	NS	NS	1.2-1	1.97	1.8-2.1	1.90
Sodium (mg/L)	NS	NS	NS	11.8-26.2	17.30	19-51	35.00

KEY TO ABBREVIATIONS

PHG=Public Health Goals(set by California EPA)

MCLG=Maximum Contaminant Level Goals(set by U.S. EPA)

MCL=Maximum Contaminant Level

ND=Monitored for but not detected - detection limits available upon request

NS=No Standard

NA=Not Analyzed

NTU=Nephelometric Turbidity Units. This is a measure of the suspended material in water

mg/L=Milligrams per Liter

umho/cm3=micromhos per cubic centimeter

pCi/L=Picocuries per Liter

*=Proposed Maximum Contaminant Level - Has not been adopted

(a)=Results are based on distribution system sampling

Total Coliform MCL: No more than 5% of monthly samples may be positive. The occurrence of 2 consecutive total positive samples one which contains fecal coliform, constitutes an acute MCL violation.

(b)=Federal level of 2.0 mg/L is a secondary standard. State level is dependent upon temperature.

(c)=Negative values occur when the background count, as part of the analytical method, exceeds the count in the actual sample.

(d)=Standard is for Radium 226 & 228 combined.

(e) Measured in Million fibers per liter (longer than 10 microns)

(f) Calculated on a running annual average of Treatment Plant Filter Effluent.

Compliance is based on a running average of 4 quarters samples