

Appendix B

**Placer County Water Agency
Water Quality Report - 1995**

APPENDIX B

PCWA Water Quality Report - 1995

Test Conducted	Units	Maximum Standard Allowed	Coffax Surface Water	
			Range	Average
Turbidity	NTU	.50	.03 - .04	.03
Coliform Bacteria	% Tests Positive	5%	0%	0%
VOLATILE ORGANIC CHEMICALS				
Total Trichloroethanes	mg/l	0.10	NA	
Benzene	mg/l	0.001	NA	
Carbon Tetrachloride	mg/l	0.0004	NA	
1,2-Dichlorobenzene	mg/l	0.5	NA	
1,4-Dichlorobenzene	mg/l	0.005	NA	
1,1-Dichloroethane	mg/l	0.005	NA	
1,2-Dichloroethane	mg/l	0.005	NA	
1,1-Dichloroethylene	mg/l	0.005	NA	
cis-1,2-Dichloroethylene	mg/l	0.005	NA	
trans-1,2-Dichloroethylene	mg/l	0.01	NA	
Dichloromethane	mg/l	0.005	NA	
1,2-Dichloropropane	mg/l	0.005	NA	
1,3-Dichloropropane	mg/l	0.0005	NA	
Ethylbenzene	mg/l	0.7	NA	
Monochlorobenzene	mg/l	0.07	NA	
Styrene	mg/l	0.1	NA	
1,1,2,2-Tetrachloroethane	mg/l	0.001	NA	
Tetrachloroethylene	mg/l	0.005	NA	
Toluene	mg/l	0.15	NA	
1,2,4-Trichlorobenzene	mg/l	0.07	NA	
1,1,1-Trichloroethane	mg/l	0.2	NA	
1,1,2-Trichloroethane	mg/l	0.005	NA	
Trichloroethylene	mg/l	0.005	NA	
Trichlorofluoromethane	mg/l	0.15	NA	
1,1,2-Trichloro-1,2,2-Trifluoroethane	mg/l	1.2	NA	
Vinyl Chloride	mg/l	0.0005	NA	
Xylenes	mg/l	1.750*	NA	
NON-VOLATILE ORGANIC CHEMICALS				
Atrazine	mg/l	0.002	NA	
Alachlor	mg/l	0.003	NA	
Azinphos	mg/l	0.018	NA	
Benazox	mg/l	0.0005	NA	
Benz(a) Pyrene	mg/l	0.018	NA	
Carbofuran	mg/l	0.0001	NA	
Chlordane	mg/l	0.07	NA	
2,4-D	mg/l	0.2	NA	
Dieldrin	mg/l	0.0002	NA	
1,2-Dibromo-3-Chloropropane	mg/l	0.4	NA	
Di (2-Ethylhexyl) Adipate	mg/l	0.004	NA	
Di (2-Ethylhexyl) Phthalate	mg/l	0.007	NA	
Dinoseb	mg/l	0.02	NA	
Diquat	mg/l	0.1	NA	
Endosulf	mg/l	0.002	NA	
Endrin	mg/l	0.0005	NA	
Ethylene Dibromide	mg/l	0.7	NA	
Glyphosate	mg/l	0.0001	NA	
Heptachlor	mg/l	0.0001	NA	
Heptachlor Epoxide	mg/l	0.001	NA	
Hexachlorobenzene	mg/l	0.05	NA	
Hexachlorocyclopentadiene	mg/l	0.0005	NA	
Lindane	mg/l	0.04	NA	
Methoxychlor	mg/l	0.02	NA	
Molinate	mg/l	0.2	NA	
Oxertol	mg/l	0.001	NA	
Pentachlorophenol	mg/l	0.1	NA	
Picloram	mg/l	0.0005	NA	
Polychlorinated Biphenyls	mg/l	0.004	NA	
Simazine	mg/l	0.01	NA	
Thiodan	mg/l	0.005	NA	
Toxaphene	mg/l	3 X 10 ⁻⁴	NA	
2,3,7,8-TCDF (Dioxin)	mg/l	0.06	NA	
2,4,6-TP (Silvex)	mg/l		NA	
INORGANIC CHEMICALS				
Aluminum	mg/l	1.5	<0.05-0.17	0.145
Antimony	mg/l	0.008	<0.004	
Arsenic	mg/l	0.05	<0.001	
Asbestos	mg/l	7 MPL**	ND	
Barium	mg/l	1.5	0.018-0.046	0.017
Beryllium	mg/l	0.004	<0.001	
Cadmium	mg/l	0.008	<0.0001	
Chromium	mg/l	0.05	<0.01	
Cyanide	mg/l	0.2	<0.003	
Fluoride	mg/l	1.4-2.4***	<0.10	
Lead	mg/l	0.05	<0.001	
Mercury	mg/l	0.004	<0.0002	
Nickel	mg/l	0.1	<0.008	
Nitrate (as NO3)	mg/l	45.0	<0.50	
Nitrite (as Nitrogen)	mg/l	1.0	<0.150	
Selenium	mg/l	0.05	<0.001	
Thallium	mg/l	0.002	<0.001	
Silver	mg/l	0.1	<0.01	
RADIOACTIVITY				
Gross Alpha Activity	pCi	10	<1.0	
Gross Beta Activity	pCi	50	NA	
Tritium	pCi	20,000	NA	
Radium 226	pCi	5	NA	
Radium 226 & 228 Combined	pCi	5	NA	
Uranium	pCi	50	NA	

'95 Water Quality Report PCWA Supplies Safe and Healthy Water

Throughout each year, PCWA water quality specialists conduct a number of water quality testing and monitoring programs. The results of our 1995 tests are presented in this newsletter.

PCWA is proud to report once again that our treated water meets and exceeds all state and federal health standards.

Customers should feel comfortable in knowing their water is carefully monitored and safe to drink.

This year, PCWA is pursuing more than \$1.8 million in water zone improvements to enhance water treatment and delivery facilities and ensure that customers throughout the agency's service areas continue to receive a safe and healthy water supply.

In reading the charts in this newsletter, customers should understand that all water contains various dissolved mineral and organic substances. Drinking water standards establish limits for substances that may affect health or aesthetic qualities.

PRIMARY STANDARDS

These standards relate to the protection of public health. They specify limits for substances that may be harmful to humans if consumed in excess over long periods of time.

SECONDARY STANDARDS

These standards relate to aesthetic qualities such as taste, odor and clarity. These standards specify limits for substances that may influence consumer acceptance of the water.

Water Quality Report, Cont'd Secondary Standards

(Units = mg/l unless noted)

	MCL	Range	Average
Color (Units)	15.0	<3	
Odor-Threshold (Units)	3.0	1	
Chloride	250.0	5.3	
Copper	1.0	<0.01	
Foaming Agents (MSAs)	0.5	<0.01	
Iron	0.5	<0.03	
Manganese	0.05	<0.005	
Sulfate	250.0	6.8	
Zinc	5.0	<0.005	
Total Dissolved Solids	500	49	

Additional Components Analyzed

pH (Units)	NS	7.8 - 8.7	8.2
Hardness (CaCO ₃)	NS	25	
Sodium	NS	2.5	
Calcium (Ca)	NS	8.3	
Potassium (K)	NS	0.69	
Magnesium (Mg)	NS	0.69	

IN ADDITION to the constituents identified in this report, PCWA has conducted monitoring for 48 additional organic chemicals for which the California Dept. of Health Services and U.S. Environmental Protection Agency have not yet set standards. All results were below detection levels.

Customers with questions about water quality may call the PCWA Customer Service Center at 823-4850.

Legend of Symbols Water Quality Report

- NTU** - Nephelometric Turbidity Unit, a standard for measuring turbidity, or cloudiness in the water.
- mg/l** - Milligrams per Liter (parts per million)
- pCi/l** - Pico Curies per Liter
- ND** - Not Detected
- NA** - Not Analyzed (not required)
- NS** - No Standard
- <** - Less Than
- *** - Single Isomer or Sum of Isomers
- **** - Million Fibers per Liter
- ***** - Fluoride Standard depends on water temperature

Customer's Corner

The Placer County Water Agency Board of Directors meets regularly the first and third Thursdays of each month at 2 p.m. in the Placer County Board of Supervisors chambers at 175 Fuiweiler Avenue in Auburn. The public is welcome.

This newsletter is published as a public service of the

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California Department of Water Resources
Division of Water Quality Control