

Age and Courthouse Bay did not have high iron levels in 1979, however, they have high occasionally on our weekly reports. For your information, below is a table of lab results of weekly iron samples taken by water plant operators for September 1982.

Plant	1979	1982	7 Sep	14 Sep	21 Sep	28 Sep
Camp Johnson	1.35	0.673	0.32	0.50	0.30	0.30
Wallow Beach	0.41	0.556	0.15	0.15	0.13	0.11
Courthouse Bay	0.02	0.536	0.30	0.36	0.40	0.23
Life Range	0.02	0.544	1.88	0.37	0.53	0.37
CAS	0.04	0.338	0.50	0.12	0.30	0.32

The most common violator of the iron limit is actually Camp Johnson even though it did not hold true in September 1982.

Manganese has a treatment limit. According to Grainger's results no additional treatment is necessary for manganese.

About pH, it was deleted from Enclosure (2) because Grainger's pH is not reportable. pH is a field measure and to be valid, it has to be measured at the time of collection. For compliance, pH was measured and recorded on 3 September 1982, when Sodium and Corrosivity samples were taken.

Overall there are no major problems with our inorganic results. The only limits exceeded were Iron. Review of the operations and treatment processes at those plants might help explain the iron levels. I have no explanations, just data that has shown and has been reported to Utilities that they have (the five plants) on occasion or regularly exceeded limits.


 Elizabeth A. Betz
 Supervisory Chemist

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