

INORGANIC CHEMICAL RESULTS (mg/l) FOR SERIAL NO. 04-67-041 thru 048

Parameter	Method	Containment Code	Results (mg/l)															
			041	042	043	044	045	046	047	048	049	050	051	052	053	054	055	
Arsenic	123	1005	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	
Barium	101	1010	0.01	0.04	0.03	0.01	0.04	0.04	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	
Cadmium	101	1015	0.0011	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0011	0.0005	0.0005	0.0005	0.0005	0.0005	
Chromium	101	1020	0.003	0.003	0.003	0.003	0.003	0.017	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	
Fluoride	107	1025	0.994	0.24	0.856	1.00	0.139	0.126	0.109	0.146	0.146	0.146	0.146	0.146	0.146	0.146	0.146	
Lead	101	1030	0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	
Mercury	103	1035	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	
Nitrate (N)	109	1040	0.17	0.05	0.11	0.05	0.05	0.05	0.05	0.11	0.05	0.05	0.05	0.05	0.05	0.05	0.05	
Selenium	123	1045	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	
Silver	101	1050	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	
Iron	101	1028	0.045	0.338	0.037	0.020	0.673	0.544	0.536	0.556	0.556	0.556	0.556	0.556	0.556	0.556	0.556	
Manganese	101	1032	0.002	0.004	0.002	0.006	0.015	0.030	0.011	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	
Sodium	101	1052	20.7	79.8	24.4	19.8	81.9	88.7	81.5	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	

All Samples Collected (Except Sodium): 29 September 1982
 Sodium Samples Collected: 3 September 1982

All Results Run by Grainger Laboratories (ID# 37709)

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CORROSIIVITY RESULTS FOR SERIAL NO. 04-67-041 thru 048

<u>PARAMETER</u>	<u>METHOD</u>	<u>CONTAMINANT CODE</u>	<u>041</u>	<u>042</u>	<u>043</u>	<u>044</u>	<u>045</u>	<u>046</u>	<u>047</u>	<u>048</u>
pH	135	1925	8.8	7.6	8.2	8.2	7.1	8.0	7.9	7.0
Temperature °C	130	1996	20.0	20.0	19.0	20.0	20.0	23.0	21.0	21.0
Total Alkalinity As CaCO ₃ mg/l	142	1927	51.9	136	82.3	76.4	166	151	164	155
Total Filterable sidue mg/l	139	1930	106	320	10	152	126	230	246	140
Calcium As CaCO ₃ mg/l	101	1919	40.9	48.0	56.1	101	41.9	44.3	50.0	111
Stability Index (Langellier)	140	1910	0.25	-0.59	0.03	0.19	-0.95	0.06	-0.12	-0.01

All samples collected: 3 September 1982

pH & temperature run by Quality Control Laboratory (ID #37807)

The rest of the results run by Grainger Lab (ID #37709)

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CONSTRUCTION MATERIALS SYSTEM SERIAL NO. 04-67-041 thru 048 (See Note 1)

MATERIAL	041	042	043	044	045	046	047	048
Lead from piping, solder, caulking, interior lining of distribution mains, alloys and home plumbing	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Copper from piping and alloys, service lines and some plumbing	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Galvanized piping, service lines and home plumbing	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Ferrous piping materials such as cast iron and steel	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Asbestos cement pipe	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Vinyl lined asbestos cement pipe	No	No	No	No	No	No	No	No
Coal tar lined pipes and tanks	No	No	No	No	No	No	No	No
Other: PVC	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes

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Information obtained from:
 Water Treatment Section,
 Utilities Branch
 and
 Outside Plumbing Section,
 General Trades,
 Maintenance & Repair Branch,
 Base Maintenance Division