

FILE

03-2390-WS-AIR
04-339-WW-AAM

Ohio American Water Co.
Franklin County Operations
Lake Darby Water Treatment Plant

PWSID#2502612

Reporting Period July 2005

Total Hardness*

Date	Day of Week	*Flow (MGD)	Plant Concentration (mg/l)*	General Laboratory Concentration (mg/l)*
1	Friday	0.357	110	106
2	Saturday	0.320	110	114
3	Sunday	0.289	100	109
4	Monday	0.393	90	161
5	Tuesday	0.259	110	108
6	Wednesday	0.321	122	120
7	Thursday	0.361	108	78
8	Friday	0.221	125	120
9	Saturday	0.330	120	122
10	Sunday	0.460	180	197
11	Monday	0.332	118	120
12	Tuesday	0.296	118	119
13	Wednesday	0.206	118	120
14	Thursday	0.361	120	124
15	Friday	0.310	124	126
16	Saturday	0.293	116	123
17	Sunday	0.341	110	136
18	Monday	0.319	124	123
19	Tuesday	0.185	122	126
20	Wednesday	0.400	120	120
21	Thursday	0.233	121	122
22	Friday	0.420	124	122
23	Saturday	0.357	120	128
24	Sunday	0.391	118	123
25	Monday	0.326	124	128
26	Tuesday	0.338	122	118
27	Wednesday	0.314	112	120
28	Thursday	0.227	122	124
29	Friday	0.320	124	118
30	Saturday	0.318	170	178
31	Sunday	0.337	180	165
	Min.	0.185	90	78
	Max	0.46	180	197
	Average	0.320	123	126
	% Above 150 mg/l		9.7	12.9
	% Below 130 mg/l		90.3	87.1

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*All Hardness analyses were done using Standard Methods, 20th Ed., Method 2340c (Hardness as CaCO₃)
Plant concentrations are based on a daily average.

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Technician Jo Date Processed 8-10-05

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OHIO AMERICAN WATER COMPANY
MARION - DISTRICT

2005

EFFLUENT HARDNESS / MG/L

July	RAW HARDNESS MG/L	EFFLUENT HARDNESS MG/L
1	435	134
2	465	136
3	458	148
4	397	144
5	403	137
6	412	140
7	423	147
8	428	134
9	426	140
10	454	154
11	450	143
12	430	140
13	460	146
14	460	143
15	490	145
16	500	156
17	515	145
18	463	129
19	443	127
20	462	147
21	409	129
22	428	143
23	422	142
24	420	134
25	433	136
26	473	148
27	473	136
28	480	143
29	450	133
30	423	138
31	454	145
AVERAGE	446	141
MAX	515	156
MIN	397	127

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