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Case No 03-2390-WS-AIR
Case No. 04-339-WW-AAM

OHIO AMERICAN WATER COMPANY
MARION - DISTRICT

2006

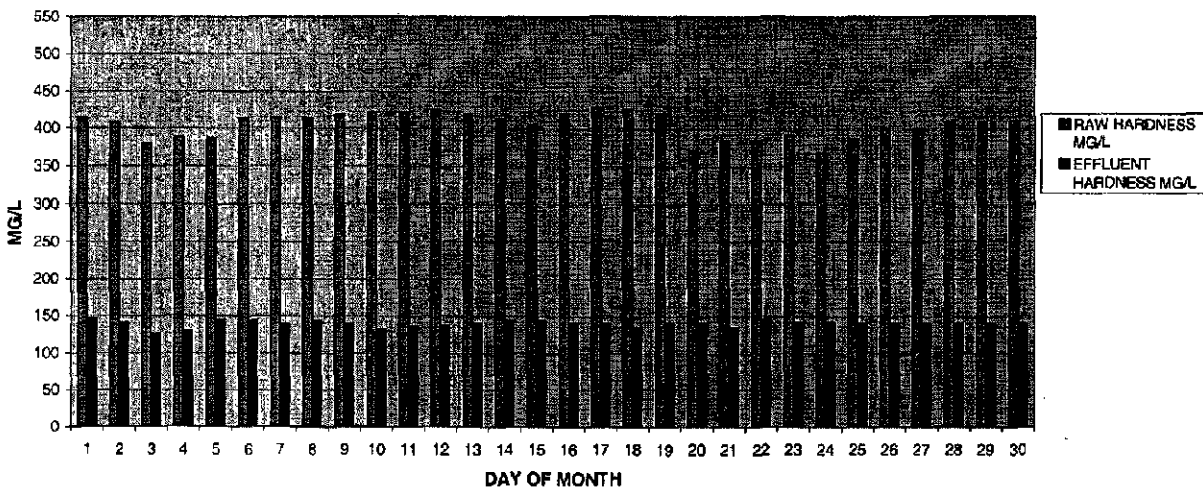
EFFLUENT HARDNESS / MG/L

November	RAW HARDNESS MG/L	EFFLUENT HARDNESS MG/L
1	414	147
2	408	142
3	379	126
4	387	130
5	386	144
6	413	144
7	414	139
8	414	143
9	418	139
10	422	132
11	422	136
12	425	137
13	420	140
14	413	144
15	405	144
16	419	141
17	428	140
18	426	135
19	420	141
20	370	141
21	383	135
22	383	145
23	391	142
24	367	142
25	386	140
26	400	140
27	400	140
28	407	141
29	408	140
30	410	141

AVERAGE	392	140
MAX	428	147
MIN	367	126

RECEIVED-DOCKELING DIV
2006 DEC - 8 AM 10:52
PUCO

NOVEMBER 2006
EFFLUENT HARDNESS AVG - 140 MG/L
MARION DISTRICT



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Technician DB Date Processed 12-8-06

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

PWSID#2502612

Reporting
Period November 2006

Total
Hardness*

Date	Day of Week	Flow (MGD)	Plant Concentration (mg/l)	Central Laboratory Concentration (mg/l)
1	Wednesday	0.238	122	121
2	Thursday	0.250	128	134
3	Friday	0.222	124	129
4	Saturday	0.293	120	123
5	Sunday	0.308	130	130
6	Monday	0.235	120	131
7	Tuesday	0.238	100	102
8	Wednesday	0.262	90	107
9	Thursday	0.225	470	483
10	Friday	0.231	90	68
11	Saturday	0.309	60	54
12	Sunday	0.320	100	221
13	Monday	0.250	120	115
14	Tuesday	0.280	110	90
15	Wednesday	0.211	80	65
16	Thursday	0.230	98	84
17	Friday	0.256	104	83
18	Saturday	0.279	88	72
19	Sunday	0.326	118	116
20	Monday	0.333	102	110
21	Tuesday	0.238	100	112
22	Wednesday	0.262	74	72
23	Thursday	0.289	84	85
24	Friday	0.243	92	84
25	Saturday	0.287	88	81
26	Sunday	0.315	140	160
27	Monday	0.249	84	86
28	Tuesday	0.240	110	93
29	Wednesday	0.258	100	96
30	Thursday	0.257	80	82
Min.		0.211	60	54
Max		0.333	470	483
Average		0.264	114	116
% Above 150 mg/l			3.3	10.0
% Below 130 mg/l			90.0	80.0

*All Hardness analyses were done using Standard Methods, 20th Ed., Method 2340c (Hardness as CaCO₃)

Plant concentrations are based on a daily average.

LA-Lab accident, sample was dumped before analysis was complete