

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

IN THE MATTER OF:

ELECTRONIC BLACK MOUNTAIN WATER)	
DISTRICT UNACCOUNTED FOR WATER LOSS)	CASE NO.
REDUCTION PLAN, SURCHARGE, AND)	2023-00202
MONITORING)	

RESPONSES TO COMMISSION STAFF'S SECOND REQUEST FOR INFORMATION
TO BLACK MOUNTAIN UTILITY DISTRICT DATED
MAY 8, 2024

Filed: May 21, 2024

BLACK MOUNTAIN UTILITY DISTRICT
PSC CASE NO. 2023-00202
RESPONSE TO SECOND REQUEST FOR INFORMATION

PSC REQUEST FOR INFORMATION DATED 5/8/2024

REQUEST 1

RESPONSIBLE PARTIES: Grant Cooper

Request 1. Provide the monthly water loss reports by system for January 2024, February 2024, March 2024, and April 2024.

Response 1. Please see Attachment A.

ATTACHMENT A

BLACK MOUNTAIN UTILITY DISTRICT

Monthly Water Loss Report

Water Utility: WALLINS

For the Month of: JAN 2024

LINE #	ITEM	# OF CUST	GALLONS (Omit 000's)
1	WATER PRODUCED AND PURCHASED		
2	Water Produced		
3	Water Purchased		5,643,000
4	TOTAL PRODUCED AND PURCHASED		5,643,000
5			
6	WATER SALES		
7	Residential		2,052,470
8	Commercial		
9	Industrial		
10	Bulk Loading Stations		
11	Wholesale		
12	Public Authorities		
13	Other Sales (explain)		
14	TOTAL WATER SALES	0	2,052,470
15			
16	OTHER WATER USED		
17	Utility and/or Water Treatment Plant		
18	Wastewater Plant		
19	System Flushing		
20	Fire Department		
21	Other Usage (explain)		
22	TOTAL OTHER WATER USED		0
23			
24	WATER LOSS		
25	Tank Overflows		
26	Line Breaks		
27	Line Leaks		3,590,530
28	Excavation Damages		
29	Theft		
30	Other Loss	DBP	
31	TOTAL WATER LOSS		3,590,530
32			
33	Note: Line 14 + Line 22 + Line 31 MUST Equal Line 4		
34			
35	WATER LOSS PERCENTAGE		
36	(Line 31 divided by Line 4)		63.63%

HAD A FREEZE EVENT FROZEN METERS AND CUSTOMERS LINES FROZEN

BLACK MOUNTAIN UTILITY DISTRICT

Monthly Water Loss Report

Water Utility: CLOSPINT

For the Month of: JAN 2024

LINE #	ITEM	# OF CUST	GALLONS (Omit 000's)
1	WATER PRODUCED AND PURCHASED		
2	Water Produced		
3	Water Purchased		1,253,000
4	TOTAL PRODUCED AND PURCHASED		1,253,000
5			
6	WATER SALES		
7	Residential		517,920
8	Commercial		
9	Industrial		
10	Bulk Loading Stations		
11	Wholesale		
12	Public Authorities		
13	Other Sales (explain)		
14	TOTAL WATER SALES	0	517,920
15			
16	OTHER WATER USED		
17	Utility and/or Water Treatment Plant		
18	Wastewater Plant		
19	System Flushing		
20	Fire Department		
21	Other Usage (explain)		
22	TOTAL OTHER WATER USED		0
23			
24	WATER LOSS		
25	Tank Overflows		
26	Line Breaks		
27	Line Leaks		735,080
28	Excavation Damages		
29	Theft		
30	Other Loss	DBP	
31	TOTAL WATER LOSS		735,080
32			
33	Note: Line 14 + Line 22 + Line 31 MUST Equal Line 4		
34			
35	WATER LOSS PERCENTAGE		
36	(Line 31 divided by Line 4)		58.67%

HAD A FREEZE EVENT FROZEN METERS AND CUSTOMERS LINES FROZEN

BLACK MOUNTAIN UTILITY DISTRICT

Monthly Water Loss Report

Water Utility: COXTON

For the Month of: JAN 2024

LINE #	ITEM	# OF CUST	GALLONS (Omit 000's)
1	WATER PRODUCED AND PURCHASED		
2	Water Produced		
3	Water Purchased		1,783,000
4	TOTAL PRODUCED AND PURCHASED		1,783,000
5			
6	WATER SALES		
7	Residential		590,280
8	Commercial		
9	Industrial		
10	Bulk Loading Stations		
11	Wholesale		
12	Public Authorities		
13	Other Sales (explain)		
14	TOTAL WATER SALES	0	590,280
15			
16	OTHER WATER USED		
17	Utility and/or Water Treatment Plant		
18	Wastewater Plant		
19	System Flushing		
20	Fire Department		
21	Other Usage (explain)		
22	TOTAL OTHER WATER USED		0
23			
24	WATER LOSS		
25	Tank Overflows		
26	Line Breaks		
27	Line Leaks		1,192,720
28	Excavation Damages		
29	Theft		
30	Other Loss	DBP	
31	TOTAL WATER LOSS		1,192,720
32			
33	Note: Line 14 + Line 22 + Line 31 MUST Equal Line 4		
34			
35	WATER LOSS PERCENTAGE		
36	(Line 31 divided by Line 4)		66.89%

HAD A FREEZE EVENT FROZEN METERS AND CUSTOMERS LINES FROZEN

BLACK MOUNTAIN UTILITY DISTRICT

Monthly Water Loss Report

Water Utility:

For the Month of: 2024

LINE #	ITEM	# OF CUST	GALLONS (Omit 000's)
1	WATER PRODUCED AND PURCHASED		
2	Water Produced		
3	Water Purchased		2,198,600
4	TOTAL PRODUCED AND PURCHASED		2,198,600
5			
6	WATER SALES		
7	Residential		1,363,400
8	Commercial		
9	Industrial		
10	Bulk Loading Stations		
11	Wholesale		
12	Public Authorities		
13	Other Sales (explain)		
14	TOTAL WATER SALES	0	1,363,400
15			
16	OTHER WATER USED		
17	Utility and/or Water Treatment Plant		
18	Wastewater Plant		
19	System Flushing		
20	Fire Department		
21	Other Usage (explain)		
22	TOTAL OTHER WATER USED		0
23			
24	WATER LOSS		
25	Tank Overflows		
26	Line Breaks		
27	Line Leaks		835,200
28	Excavation Damages		
29	Theft		
30	Other Loss	DBP	
31	TOTAL WATER LOSS		835,200
32			
33	Note: Line 14 + Line 22 + Line 31 MUST Equal Line 4		
34			
35	WATER LOSS PERCENTAGE		
36	(Line 31 divided by Line 4)		37.99%

HAD A FREEZE EVENT FROZEN METERS AND CUSTOMERS LINES FROZEN

BLACK MOUNTAIN UTILITY DISTRICT

Monthly Water Loss Report

Water Utility: SUKEY RIDGE

For the Month of: JAN 2024

LINE #	ITEM	# OF CUST	GALLONS (Omit 000's)
1	WATER PRODUCED AND PURCHASED		
2	Water Produced		
3	Water Purchased		2,041,100
4	TOTAL PRODUCED AND PURCHASED		2,041,100
5			
6	WATER SALES		
7	Residential		904,510
8	Commercial		
9	Industrial		
10	Bulk Loading Stations		
11	Wholesale		
12	Public Authorities		
13	Other Sales (explain)		
14	TOTAL WATER SALES	0	904,510
15			
16	OTHER WATER USED		
17	Utility and/or Water Treatment Plant		
18	Wastewater Plant		
19	System Flushing		
20	Fire Department		
21	Other Usage (explain)		
22	TOTAL OTHER WATER USED		0
23			
24	WATER LOSS		
25	Tank Overflows		
26	Line Breaks		
27	Line Leaks		1,136,590
28	Excavation Damages		
29	Theft		
30	Other Loss	DBP	
31	TOTAL WATER LOSS		1,136,590
32			
33	Note: Line 14 + Line 22 + Line 31 MUST Equal Line 4		
34			
35	WATER LOSS PERCENTAGE		
36	(Line 31 divided by Line 4)		55.69%

HAD A FREEZE EVENT FROZEN METERS AND CUSTOMERS LINES FROZEN

BLACK MOUNTAIN UTILITY DISTRICT

Monthly Water Loss Report

Water Utility: KENVIR

For the Month of: JAN 2024

LINE #	ITEM	# OF CUST	GALLONS (Omit 000's)
1	WATER PRODUCED AND PURCHASED		
2	Water Produced		
3	Water Purchased		1,488,000
4	TOTAL PRODUCED AND PURCHASED		1,488,000
5			
6	WATER SALES		
7	Residential		668,430
8	Commercial		
9	Industrial		
10	Bulk Loading Stations		
11	Wholesale		
12	Public Authorities		
13	Other Sales (explain)		
14	TOTAL WATER SALES	0	668,430
15			
16	OTHER WATER USED		
17	Utility and/or Water Treatment Plant		
18	Wastewater Plant		
19	System Flushing		
20	Fire Department		
21	Other Usage (explain)		
22	TOTAL OTHER WATER USED		0
23			
24	WATER LOSS		
25	Tank Overflows		
26	Line Breaks		
27	Line Leaks		819,570
28	Excavation Damages		
29	Theft		
30	Other Loss	DBP	
31	TOTAL WATER LOSS		819,570
32			
33	Note: Line 14 + Line 22 + Line 31 MUST Equal Line 4		
34			
35	WATER LOSS PERCENTAGE		
36	(Line 31 divided by Line 4)		55.08%

HAD A FREEZE EVENT FROZEN METERS AND CUSTOMERS LINES FROZEN

BLACK MOUNTAIN UTILITY DISTRICT

Monthly Water Loss Report

Water Utility: **ROSSPOINT**

For the Month of: **JAN** 2024

LINE #	ITEM	# OF CUST	GALLONS (Omit 000's)
1	WATER PRODUCED AND PURCHASED		
2	Water Produced		
3	Water Purchased		2,365,544
4	TOTAL PRODUCED AND PURCHASED		2,365,544
5			
6	WATER SALES		
7	Residential		1,025,540
8	Commercial		
9	Industrial		
10	Bulk Loading Stations		
11	Wholesale		
12	Public Authorities		
13	Other Sales (explain)		
14	TOTAL WATER SALES	0	1,025,540
15			
16	OTHER WATER USED		
17	Utility and/or Water Treatment Plant		
18	Wastewater Plant		
19	System Flushing		
20	Fire Department		
21	Other Usage (explain)		
22	TOTAL OTHER WATER USED		0
23			
24	WATER LOSS		
25	Tank Overflows		
26	Line Breaks		
27	Line Leaks		1,340,004
28	Excavation Damages		
29	Theft		
30	Other Loss	DBP	
31	TOTAL WATER LOSS		1,340,004
32			
33	Note: Line 14 + Line 22 + Line 31 MUST Equal Line 4		
34			
35	WATER LOSS PERCENTAGE		
36	(Line 31 divided by Line 4)		56.65%

HAD A FREEZE EVENT FROZEN METERS AND CUSTOMERS LINES FROZEN AND BUSTED

BLACK MOUNTAIN UTILITY DISTRICT

Monthly Water Loss Report

Water Utility: COLDIRON

For the Month of: JAN 2024

LINE #	ITEM	# OF CUST	GALLONS (Omit 000's)
1	WATER PRODUCED AND PURCHASED		
2	Water Produced		
3	Water Purchased		893,000
4	TOTAL PRODUCED AND PURCHASED		893,000
5			
6	WATER SALES		
7	Residential		668,040
8	Commercial		
9	Industrial		
10	Bulk Loading Stations		
11	Wholesale		
12	Public Authorities		
13	Other Sales (explain)		
14	TOTAL WATER SALES	0	668,040
15			
16	OTHER WATER USED		
17	Utility and/or Water Treatment Plant		
18	Wastewater Plant		
19	System Flushing		
20	Fire Department		
21	Other Usage (explain)		
22	TOTAL OTHER WATER USED		0
23			
24	WATER LOSS		
25	Tank Overflows		
26	Line Breaks		
27	Line Leaks		224,960
28	Excavation Damages		
29	Theft		
30	Other Loss	DBP	
31	TOTAL WATER LOSS		224,960
32			
33	Note: Line 14 + Line 22 + Line 31 MUST Equal Line 4		
34			
35	WATER LOSS PERCENTAGE		
36	(Line 31 divided by Line 4)		25.19%

HAD A FREEZE EVENT FROZEN METERS AND CUSTOMERS LINES FROZEN AND BUSTED

BLACK MOUNTAIN UTILITY DISTRICT

Monthly Water Loss Report

Water Utility:

For the Month of: 2024

LINE #	ITEM	# OF CUST	GALLONS (Omit 000's)
1	WATER PRODUCED AND PURCHASED		
2	Water Produced		
3	Water Purchased		2,667,000
4	TOTAL PRODUCED AND PURCHASED		2,667,000
5			
6	WATER SALES		
7	Residential		2,063,330
8	Commercial		
9	Industrial		
10	Bulk Loading Stations		
11	Wholesale		
12	Public Authorities		
13	Other Sales (explain)		
14	TOTAL WATER SALES	0	2,063,330
15			
16	OTHER WATER USED		
17	Utility and/or Water Treatment Plant		
18	Wastewater Plant		
19	System Flushing		
20	Fire Department		
21	Other Usage (explain)		
22	TOTAL OTHER WATER USED		0
23			
24	WATER LOSS		
25	Tank Overflows		
26	Line Breaks		
27	Line Leaks		603,670
28	Excavation Damages		
29	Theft		
30	Other Loss	DBP	
31	TOTAL WATER LOSS		603,670
32			
33	Note: Line 14 + Line 22 + Line 31 MUST Equal Line 4		
34			
35	WATER LOSS PERCENTAGE		
36	(Line 31 divided by Line 4)		22.63%

HAD A FREEZE EVENT FROZEN METERS AND CUSTOMERS LINES FROZEN AND BUSTED

BLACK MOUNTAIN UTILITY DISTRICT

Monthly Water Loss Report

Water Utility: AGES

For the Month of: JAN 2024

LINE #	ITEM	# OF CUST	GALLONS (Omit 000's)
1	WATER PRODUCED AND PURCHASED		
2	Water Produced		
3	Water Purchased		939,340
4	TOTAL PRODUCED AND PURCHASED		939,340
5			
6	WATER SALES		
7	Residential		423,940
8	Commercial		
9	Industrial		
10	Bulk Loading Stations		
11	Wholesale		
12	Public Authorities		
13	Other Sales (explain)		
14	TOTAL WATER SALES	0	423,940
15			
16	OTHER WATER USED		
17	Utility and/or Water Treatment Plant		
18	Wastewater Plant		
19	System Flushing		
20	Fire Department		
21	Other Usage (explain)		
22	TOTAL OTHER WATER USED		0
23			
24	WATER LOSS		
25	Tank Overflows		
26	Line Breaks		
27	Line Leaks		515,400
28	Excavation Damages		
29	Theft		
30	Other Loss	DBP	
31	TOTAL WATER LOSS		515,400
32			
33	Note: Line 14 + Line 22 + Line 31 MUST Equal Line 4		
34			
35	WATER LOSS PERCENTAGE		
36	(Line 31 divided by Line 4)		54.87%

HAD A FREEZE EVENT FROZEN METERS AND CUSTOMERS LINES FROZEN AND BUSTED

BLACK MOUNTAIN UTILITY DISTRICT

Monthly Water Loss Report

Water Utility: GREEN HILLS

For the Month of: JAN 2024

LINE #	ITEM	# OF CUST	GALLONS (Omit 000's)
1	WATER PRODUCED AND PURCHASED		
2	Water Produced		
3	Water Purchased		5,332,525
4	TOTAL PRODUCED AND PURCHASED		5,332,525
5			
6	WATER SALES		
7	Residential		1,283,080
8	Commercial		
9	Industrial		
10	Bulk Loading Stations		
11	Wholesale		
12	Public Authorities		
13	Other Sales (explain)		
14	TOTAL WATER SALES	0	1,283,080
15			
16	OTHER WATER USED		
17	Utility and/or Water Treatment Plant		
18	Wastewater Plant		
19	System Flushing		
20	Fire Department		
21	Other Usage (explain)		
22	TOTAL OTHER WATER USED		0
23			
24	WATER LOSS		
25	Tank Overflows		
26	Line Breaks		
27	Line Leaks		4,049,445
28	Excavation Damages		
29	Theft		
30	Other Loss	DBP	
31	TOTAL WATER LOSS		4,049,445
32			
33	Note: Line 14 + Line 22 + Line 31 MUST Equal Line 4		
34			
35	WATER LOSS PERCENTAGE		
36	(Line 31 divided by Line 4)		75.94%

**HAD A FREEZE EVENT FROZEN METERS AND CUSTOMERS LINES FROZEN AND BUSTED
HAD A 6" LINE BUST 20 FOOT SECTION AND WAS 12 FEET DEEP**

BLACK MOUNTAIN UTILITY DISTRICT

Monthly Water Loss Report

Water Utility: AGES

For the Month of: FEB 2024

LINE #	ITEM	# OF CUST	GALLONS (Omit 000's)
1	WATER PRODUCED AND PURCHASED		
2	Water Produced		
3	Water Purchased		1,276,400
4	TOTAL PRODUCED AND PURCHASED		1,276,400
5			
6	WATER SALES		
7	Residential		1,136,340
8	Commercial		
9	Industrial		
10	Bulk Loading Stations		
11	Wholesale		
12	Public Authorities		
13	Other Sales (explain)		
14	TOTAL WATER SALES	0	1,136,340
15			
16	OTHER WATER USED		
17	Utility and/or Water Treatment Plant		
18	Wastewater Plant		
19	System Flushing		57,121
20	Fire Department		
21	Other Usage (explain)		
22	TOTAL OTHER WATER USED		57,121
23			
24	WATER LOSS		
25	Tank Overflows		
26	Line Breaks		
27	Line Leaks		82,939
28	Excavation Damages		
29	Theft		
30	Other Loss	DBP	
31	TOTAL WATER LOSS		82,939
32			
33	Note: Line 14 + Line 22 + Line 31 MUST Equal Line 4		
34			
35	WATER LOSS PERCENTAGE		
36	((Line 31 divided by Line 4)		6.50%

BLACK MOUNTAIN UTILITY DISTRICT

Monthly Water Loss Report

Water Utility: COLDIRON

For the Month of: FEB 2024

LINE #	ITEM	# OF CUST	GALLONS (Omit 000's)
1	WATER PRODUCED AND PURCHASED		
2	Water Produced		
3	Water Purchased		654,900
4	TOTAL PRODUCED AND PURCHASED		654,900
5			
6	WATER SALES		
7	Residential		625,050
8	Commercial		
9	Industrial		
10	Bulk Loading Stations		
11	Wholesale		
12	Public Authorities		
13	Other Sales (explain)		
14	TOTAL WATER SALES	0	625,050
15			
16	OTHER WATER USED		
17	Utility and/or Water Treatment Plant		
18	Wastewater Plant		
19	System Flushing		27,426
20	Fire Department		
21	Other Usage (explain)		
22	TOTAL OTHER WATER USED		27,426
23			
24	WATER LOSS		
25	Tank Overflows		
26	Line Breaks		
27	Line Leaks		2,424
28	Excavation Damages		
29	Theft		
30	Other Loss	DBP	
31	TOTAL WATER LOSS		2,424
32			
33	Note: Line 14 + Line 22 + Line 31 MUST Equal Line 4		
34			
35	WATER LOSS PERCENTAGE		
36	(Line 31 divided by Line 4)		0.37%

BLACK MOUNTAIN UTILITY DISTRICT

Monthly Water Loss Report

Water Utility: COXTON

For the Month of: FEB 2024

LINE #	ITEM	# OF CUST	GALLONS (Omit 000's)
1	WATER PRODUCED AND PURCHASED		
2	Water Produced		
3	Water Purchased		1,130,000
4	TOTAL PRODUCED AND PURCHASED		1,130,000
5			
6	WATER SALES		
7	Residential		1,087,350
8	Commercial		
9	Industrial		
10	Bulk Loading Stations		
11	Wholesale		
12	Public Authorities		
13	Other Sales (explain)		
14	TOTAL WATER SALES	0	1,087,350
15			
16	OTHER WATER USED		
17	Utility and/or Water Treatment Plant		
18	Wastewater Plant		
19	System Flushing		11,211
20	Fire Department		
21	Other Usage (explain)		
22	TOTAL OTHER WATER USED		11,211
23			
24	WATER LOSS		
25	Tank Overflows		
26	Line Breaks		
27	Line Leaks		42,650
28	Excavation Damages		
29	Theft		
30	Other Loss	DBP	
31	TOTAL WATER LOSS		42,650
32			
33	Note: Line 14 + Line 22 + Line 31 MUST Equal Line 4		DOES NOT EQUAL
34			
35	WATER LOSS PERCENTAGE		
36	(Line 31 divided by Line 4)		3.77%

BLACK MOUNTAIN UTILITY DISTRICT

Monthly Water Loss Report

Water Utility:

For the Month of: 2024

LINE #	ITEM	# OF CUST	GALLONS (Omit 000's)
1	WATER PRODUCED AND PURCHASED		
2	Water Produced		
3	Water Purchased		2,700,100
4	TOTAL PRODUCED AND PURCHASED		2,700,100
5			
6	WATER SALES		
7	Residential		2,412,980
8	Commercial		
9	Industrial		
10	Bulk Loading Stations		
11	Wholesale		
12	Public Authorities		
13	Other Sales (explain)		
14	TOTAL WATER SALES	0	2,412,980
15			
16	OTHER WATER USED		
17	Utility and/or Water Treatment Plant		
18	Wastewater Plant		
19	System Flushing		186,131
20	Fire Department		
21	Other Usage (explain)		
22	TOTAL OTHER WATER USED		186,131
23			
24	WATER LOSS		
25	Tank Overflows		
26	Line Breaks		
27	Line Leaks		100,989
28	Excavation Damages		
29	Theft		
30	Other Loss	DBP	
31	TOTAL WATER LOSS		100,989
32			
33	Note: Line 14 + Line 22 + Line 31 MUST Equal Line 4		
34			
35	WATER LOSS PERCENTAGE		
36	(Line 31 divided by Line 4)		3.74%

BLACK MOUNTAIN UTILITY DISTRICT

Monthly Water Loss Report

Water Utility: GREEN HILLS

For the Month of: FEB 2024

LINE #	ITEM	# OF CUST	GALLONS (Omit 000's)
1	WATER PRODUCED AND PURCHASED		
2	Water Produced		
3	Water Purchased		3,469,194
4	TOTAL PRODUCED AND PURCHASED		3,469,194
5			
6	WATER SALES		
7	Residential		1,714,070
8	Commercial		
9	Industrial		
10	Bulk Loading Stations		
11	Wholesale		
12	Public Authorities		
13	Other Sales (explain)		
14	TOTAL WATER SALES	0	1,714,070
15			
16	OTHER WATER USED		
17	Utility and/or Water Treatment Plant		
18	Wastewater Plant		
19	System Flushing		63,187
20	Fire Department		
21	Other Usage (explain)		
22	TOTAL OTHER WATER USED		63,187
23			
24	WATER LOSS		
25	Tank Overflows		
26	Line Breaks		
27	Line Leaks		1,691,937
28	Excavation Damages		
29	Theft		
30	Other Loss	DBP	
31	TOTAL WATER LOSS		1,691,937
32			
33	Note: Line 14 + Line 22 + Line 31 MUST Equal Line 4		
34			
35	WATER LOSS PERCENTAGE		
36	(Line 31 divided by Line 4)		48.77%

BLACK MOUNTAIN UTILITY DISTRICT

Monthly Water Loss Report

Water Utility: KENVIR

For the Month of: FEB 2024

LINE #	ITEM	# OF CUST	GALLONS (Omit 000's)
1	WATER PRODUCED AND PURCHASED		
2	Water Produced		
3	Water Purchased		1,159,000
4	TOTAL PRODUCED AND PURCHASED		1,159,000
5			
6	WATER SALES		
7	Residential		1,018,670
8	Commercial		
9	Industrial		
10	Bulk Loading Stations		
11	Wholesale		
12	Public Authorities		
13	Other Sales (explain)	DBP	156,671
14	TOTAL WATER SALES	#VALUE!	1,175,341
15			
16	OTHER WATER USED		
17	Utility and/or Water Treatment Plant		
18	Wastewater Plant		
19	System Flushing		
20	Fire Department		
21	Other Usage (explain)		
22	TOTAL OTHER WATER USED		0
23			
24	WATER LOSS		
25	Tank Overflows		
26	Line Breaks		
27	Line Leaks		140,330
28	Excavation Damages		
29	Theft		
30	Other Loss	DBP	
31	TOTAL WATER LOSS		140,330
32			
33	Note: Line 14 + Line 22 + Line 31 MUST Equal Line 4		DOES NOT EQUAL
34			
35	WATER LOSS PERCENTAGE		
36	(Line 31 divided by Line 4)		12.11%

BLACK MOUNTAIN UTILITY DISTRICT

Monthly Water Loss Report

Water Utility: LOUELLEN

For the Month of: FEB 2024

LINE #	ITEM	# OF CUST	GALLONS (Omit 000's)
1	WATER PRODUCED AND PURCHASED		
2	Water Produced		
3	Water Purchased		962,000
4	TOTAL PRODUCED AND PURCHASED		962,000
5			
6	WATER SALES		
7	Residential		754,650
8	Commercial		
9	Industrial		
10	Bulk Loading Stations		
11	Wholesale		
12	Public Authorities		
13	Other Sales (explain)		
14	TOTAL WATER SALES	0	754,650
15			
16	OTHER WATER USED		
17	Utility and/or Water Treatment Plant		
18	Wastewater Plant		45,000
19	System Flushing		
20	Fire Department		
21	Other Usage (explain)		
22	TOTAL OTHER WATER USED		45,000
23			
24	WATER LOSS		
25	Tank Overflows		
26	Line Breaks		
27	Line Leaks		162,350
28	Excavation Damages		
29	Theft		
30	Other Loss	DBP	
31	TOTAL WATER LOSS		162,350
32			
33	Note: Line 14 + Line 22 + Line 31 MUST Equal Line 4		
34			
35	WATER LOSS PERCENTAGE		
36	(Line 31 divided by Line 4)		16.88%

BLACK MOUNTAIN UTILITY DISTRICT

Monthly Water Loss Report

Water Utility: PUTNEY

For the Month of: FEB 2024

LINE #	ITEM	# OF CUST	GALLONS (Omit 000's)
1	WATER PRODUCED AND PURCHASED		
2	Water Produced		
3	Water Purchased		1,859,400
4	TOTAL PRODUCED AND PURCHASED		1,859,400
5			
6	WATER SALES		
7	Residential		1,727,140
8	Commercial		
9	Industrial		
10	Bulk Loading Stations		
11	Wholesale		
12	Public Authorities		
13	Other Sales (explain)		
14	TOTAL WATER SALES	0	1,727,140
15			
16	OTHER WATER USED		
17	Utility and/or Water Treatment Plant		
18	Wastewater Plant		
19	System Flushing		42,380
20	Fire Department		
21	Other Usage (explain)		
22	TOTAL OTHER WATER USED		42,380
23			
24	WATER LOSS		
25	Tank Overflows		
26	Line Breaks		
27	Line Leaks		89,880
28	Excavation Damages		
29	Theft		
30	Other Loss	DBP	
31	TOTAL WATER LOSS		89,880
32			
33	Note: Line 14 + Line 22 + Line 31 MUST Equal Line 4		
34			
35	WATER LOSS PERCENTAGE		
36	((Line 31 divided by Line 4)		4.83%

BLACK MOUNTAIN UTILITY DISTRICT

Monthly Water Loss Report

Water Utility: **ROSSPOINT**

For the Month of: **FEB** 2024

LINE #	ITEM	# OF CUST	GALLONS (Omit 000's)
1	WATER PRODUCED AND PURCHASED		
2	Water Produced		
3	Water Purchased		1,558,759
4	TOTAL PRODUCED AND PURCHASED		1,558,759
5			
6	WATER SALES		
7	Residential		1,427,770
8	Commercial		
9	Industrial		
10	Bulk Loading Stations		
11	Wholesale		
12	Public Authorities		
13	Other Sales (explain)		
14	TOTAL WATER SALES	0	1,427,770
15			
16	OTHER WATER USED		
17	Utility and/or Water Treatment Plant		
18	Wastewater Plant		
19	System Flushing		
20	Fire Department		
21	Other Usage (explain)		
22	TOTAL OTHER WATER USED		0
23			
24	WATER LOSS		
25	Tank Overflows		
26	Line Breaks		
27	Line Leaks		130,989
28	Excavation Damages		
29	Theft		
30	Other Loss	DBP	
31	TOTAL WATER LOSS		130,989
32			
33	Note: Line 14 + Line 22 + Line 31 MUST Equal Line 4		
34			
35	WATER LOSS PERCENTAGE		
36	(Line 31 divided by Line 4)		8.40%

BLACK MOUNTAIN UTILITY DISTRICT

Monthly Water Loss Report

Water Utility: **SUKEY RIDGE**

For the Month of: **FEB** 2024

LINE #	ITEM	# OF CUST	GALLONS (Omit 000's)
1	WATER PRODUCED AND PURCHASED		
2	Water Produced		
3	Water Purchased		1,207,100
4	TOTAL PRODUCED AND PURCHASED		1,207,100
5			
6	WATER SALES		
7	Residential		1,139,120
8	Commercial		
9	Industrial		
10	Bulk Loading Stations		
11	Wholesale		
12	Public Authorities		
13	Other Sales (explain)		
14	TOTAL WATER SALES	0	1,139,120
15			
16	OTHER WATER USED		
17	Utility and/or Water Treatment Plant		3,500
18	Wastewater Plant		
19	System Flushing		
20	Fire Department		
21	Other Usage (explain)	DBP	103,762
22	TOTAL OTHER WATER USED		107,262
23			
24	WATER LOSS		
25	Tank Overflows		
26	Line Breaks		
27	Line Leaks		-39,282
28	Excavation Damages		
29	Theft		
30	Other Loss	DBP	
31	TOTAL WATER LOSS		-39,282
32			
33	Note: Line 14 + Line 22 + Line 31 MUST Equal Line 4		
34			
35	WATER LOSS PERCENTAGE		
36	(Line 31 divided by Line 4)		0.00%

BLACK MOUNTAIN UTILITY DISTRICT

Monthly Water Loss Report

Water Utility: WALLINS

For the Month of: FEB 2024

LINE #	ITEM	# OF CUST	GALLONS (Omit 000's)
1	WATER PRODUCED AND PURCHASED		
2	Water Produced		
3	Water Purchased		3,439,100
4	TOTAL PRODUCED AND PURCHASED		3,439,100
5			
6	WATER SALES		
7	Residential		2,847,300
8	Commercial		
9	Industrial		
10	Bulk Loading Stations		
11	Wholesale		
12	Public Authorities		
13	Other Sales (explain)		
14	TOTAL WATER SALES	0	2,847,300
15			
16	OTHER WATER USED		
17	Utility and/or Water Treatment Plant		
18	Wastewater Plant		
19	System Flushing		
20	Fire Department		
21	Other Usage (explain)	DBP	227,521
22	TOTAL OTHER WATER USED		227,521
23			
24	WATER LOSS		
25	Tank Overflows		
26	Line Breaks		
27	Line Leaks		364,279
28	Excavation Damages		
29	Theft		
30	Other Loss	DBP	
31	TOTAL WATER LOSS		364,279
32			
33	Note: Line 14 + Line 22 + Line 31 MUST Equal Line 4		
34			
35	WATER LOSS PERCENTAGE		
36	(Line 31 divided by Line 4)		10.59%

BLACK MOUNTAIN UTILITY DISTRICT

Monthly Water Loss Report

Water Utility: AGES

For the Month of: MARCH 2024

LINE #	ITEM	# OF CUST	GALLONS (Omit 000's)
1	WATER PRODUCED AND PURCHASED		
2	Water Produced		
3	Water Purchased		583,250
4	TOTAL PRODUCED AND PURCHASED		583,250
5			
6	WATER SALES		
7	Residential		440,160
8	Commercial		
9	Industrial		
10	Bulk Loading Stations		
11	Wholesale		
12	Public Authorities		
13	Other Sales (explain)		
14	TOTAL WATER SALES	0	440,160
15			
16	OTHER WATER USED		
17	Utility and/or Water Treatment Plant		
18	Wastewater Plant		
19	System Flushing		
20	Fire Department		
21	Other Usage (explain)		
22	TOTAL OTHER WATER USED		0
23			
24	WATER LOSS		
25	Tank Overflows		
26	Line Breaks		
27	Line Leaks		143,090
28	Excavation Damages		
29	Theft		
30	Other Loss	DBP	
31	TOTAL WATER LOSS		143,090
32			
33	Note: Line 14 + Line 22 + Line 31 MUST Equal Line 4		
34			
35	WATER LOSS PERCENTAGE		
36	((Line 31 divided by Line 4)		24.53%

BLACK MOUNTAIN UTILITY DISTRICT

Monthly Water Loss Report

Water Utility: COLDIRON

For the Month of: MARCH 2024

LINE #	ITEM	# OF CUST	GALLONS (Omit 000's)
1	WATER PRODUCED AND PURCHASED		
2	Water Produced		
3	Water Purchased		766,400
4	TOTAL PRODUCED AND PURCHASED		766,400
5			
6	WATER SALES		
7	Residential		633,700
8	Commercial		
9	Industrial		
10	Bulk Loading Stations		
11	Wholesale		
12	Public Authorities		
13	Other Sales (explain)		
14	TOTAL WATER SALES	0	633,700
15			
16	OTHER WATER USED		
17	Utility and/or Water Treatment Plant		
18	Wastewater Plant		
19	System Flushing		
20	Fire Department		
21	Other Usage (explain)		
22	TOTAL OTHER WATER USED		0
23			
24	WATER LOSS		
25	Tank Overflows		
26	Line Breaks		
27	Line Leaks		132,700
28	Excavation Damages		
29	Theft		
30	Other Loss	DBP	
31	TOTAL WATER LOSS		132,700
32			
33	Note: Line 14 + Line 22 + Line 31 MUST Equal Line 4		
34			
35	WATER LOSS PERCENTAGE		
36	(Line 31 divided by Line 4)		17.31%

BLACK MOUNTAIN UTILITY DISTRICT

Monthly Water Loss Report

Water Utility: COXTON

For the Month of: MARCH 2024

LINE #	ITEM	# OF CUST	GALLONS (Omit 000's)
1	WATER PRODUCED AND PURCHASED		
2	Water Produced		
3	Water Purchased		1,287,000
4	TOTAL PRODUCED AND PURCHASED		1,287,000
5			
6	WATER SALES		
7	Residential		801,000
8	Commercial		
9	Industrial		
10	Bulk Loading Stations		
11	Wholesale		
12	Public Authorities		
13	Other Sales (explain)		
14	TOTAL WATER SALES	0	801,000
15			
16	OTHER WATER USED		
17	Utility and/or Water Treatment Plant		
18	Wastewater Plant		
19	System Flushing		
20	Fire Department		
21	Other Usage (explain)		
22	TOTAL OTHER WATER USED		0
23			
24	WATER LOSS		
25	Tank Overflows		
26	Line Breaks		
27	Line Leaks		486,000
28	Excavation Damages		
29	Theft		
30	Other Loss	DBP	
31	TOTAL WATER LOSS		486,000
32			
33	Note: Line 14 + Line 22 + Line 31 MUST Equal Line 4		
34			
35	WATER LOSS PERCENTAGE		
36	(Line 31 divided by Line 4)		37.76%

BLACK MOUNTAIN UTILITY DISTRICT

Monthly Water Loss Report

Water Utility: DAYHOIT

For the Month of: MARCH 2024

LINE #	ITEM	# OF CUST	GALLONS (Omit 000's)
1	WATER PRODUCED AND PURCHASED		
2	Water Produced		
3	Water Purchased		1,053,500
4	TOTAL PRODUCED AND PURCHASED		1,053,500
5			
6	WATER SALES		
7	Residential		1,003,580
8	Commercial		
9	Industrial		
10	Bulk Loading Stations		
11	Wholesale		
12	Public Authorities		
13	Other Sales (explain)		
14	TOTAL WATER SALES	0	1,003,580
15			
16	OTHER WATER USED		
17	Utility and/or Water Treatment Plant		
18	Wastewater Plant		
19	System Flushing		
20	Fire Department		
21	Other Usage (explain)		
22	TOTAL OTHER WATER USED		0
23			
24	WATER LOSS		
25	Tank Overflows		
26	Line Breaks		
27	Line Leaks		49,920
28	Excavation Damages		
29	Theft		
30	Other Loss	DBP	
31	TOTAL WATER LOSS		49,920
32			
33	Note: Line 14 + Line 22 + Line 31 MUST Equal Line 4		
34			
35	WATER LOSS PERCENTAGE		
36	(Line 31 divided by Line 4)		4.74%

BLACK MOUNTAIN UTILITY DISTRICT

Monthly Water Loss Report

Water Utility: GREEN HILLS

For the Month of: MARCH 2024

LINE #	ITEM	# OF CUST	GALLONS (Omit 000's)
1	WATER PRODUCED AND PURCHASED		
2	Water Produced		
3	Water Purchased		2,638,258
4	TOTAL PRODUCED AND PURCHASED		2,638,258
5			
6	WATER SALES		
7	Residential		1,340,940
8	Commercial		
9	Industrial		
10	Bulk Loading Stations		
11	Wholesale		
12	Public Authorities		
13	Other Sales (explain)		
14	TOTAL WATER SALES	0	1,340,940
15			
16	OTHER WATER USED		
17	Utility and/or Water Treatment Plant		
18	Wastewater Plant		
19	System Flushing		
20	Fire Department		
21	Other Usage (explain)		
22	TOTAL OTHER WATER USED		0
23			
24	WATER LOSS		
25	Tank Overflows		
26	Line Breaks		
27	Line Leaks		1,297,318
28	Excavation Damages		
29	Theft		
30	Other Loss	DBP	
31	TOTAL WATER LOSS		1,297,318
32			
33	Note: Line 14 + Line 22 + Line 31 MUST Equal Line 4		
34			
35	WATER LOSS PERCENTAGE		
36	(Line 31 divided by Line 4)		49.17%

BLACK MOUNTAIN UTILITY DISTRICT

Monthly Water Loss Report

Water Utility: KENVIR

For the Month of: MARCH 2024

LINE #	ITEM	# OF CUST	GALLONS (Omit 000's)
1	WATER PRODUCED AND PURCHASED		
2	Water Produced		
3	Water Purchased		1,204,000
4	TOTAL PRODUCED AND PURCHASED		1,204,000
5			
6	WATER SALES		
7	Residential		1,002,090
8	Commercial		
9	Industrial		
10	Bulk Loading Stations		
11	Wholesale		
12	Public Authorities		
13	Other Sales (explain)		
14	TOTAL WATER SALES	0	1,002,090
15			
16	OTHER WATER USED		
17	Utility and/or Water Treatment Plant		
18	Wastewater Plant		
19	System Flushing		
20	Fire Department		
21	Other Usage (explain)		
22	TOTAL OTHER WATER USED		0
23			
24	WATER LOSS		
25	Tank Overflows		
26	Line Breaks		
27	Line Leaks		201,910
28	Excavation Damages		
29	Theft		
30	Other Loss	DBP	
31	TOTAL WATER LOSS		201,910
32			
33	Note: Line 14 + Line 22 + Line 31 MUST Equal Line 4		
34			
35	WATER LOSS PERCENTAGE		
36	(Line 31 divided by Line 4)		16.77%

BLACK MOUNTAIN UTILITY DISTRICT

Monthly Water Loss Report

Water Utility: LOUELLEN

For the Month of: MARCH 2024

LINE #	ITEM	# OF CUST	GALLONS (Omit 000's)
1	WATER PRODUCED AND PURCHASED		
2	Water Produced		
3	Water Purchased		1,165,000
4	TOTAL PRODUCED AND PURCHASED		1,165,000
5			
6	WATER SALES		
7	Residential		1,004,190
8	Commercial		
9	Industrial		
10	Bulk Loading Stations		
11	Wholesale		
12	Public Authorities		
13	Other Sales (explain)		
14	TOTAL WATER SALES	0	1,004,190
15			
16	OTHER WATER USED		
17	Utility and/or Water Treatment Plant		
18	Wastewater Plant		40,000
19	System Flushing		
20	Fire Department		
21	Other Usage (explain)		
22	TOTAL OTHER WATER USED		40,000
23			
24	WATER LOSS		
25	Tank Overflows		
26	Line Breaks		
27	Line Leaks		120,810
28	Excavation Damages		
29	Theft		
30	Other Loss	DBP	
31	TOTAL WATER LOSS		120,810
32			
33	Note: Line 14 + Line 22 + Line 31 MUST Equal Line 4		
34			
35	WATER LOSS PERCENTAGE		
36	(Line 31 divided by Line 4)		10.37%

BLACK MOUNTAIN UTILITY DISTRICT

Monthly Water Loss Report

Water Utility: PUTNEY

For the Month of: MARCH 2024

LINE #	ITEM	# OF CUST	GALLONS (Omit 000's)
1	WATER PRODUCED AND PURCHASED		
2	Water Produced		
3	Water Purchased		1,583,400
4	TOTAL PRODUCED AND PURCHASED		1,583,400
5			
6	WATER SALES		
7	Residential		1,276,780
8	Commercial		
9	Industrial		
10	Bulk Loading Stations		
11	Wholesale		
12	Public Authorities		
13	Other Sales (explain)		
14	TOTAL WATER SALES	0	1,276,780
15			
16	OTHER WATER USED		
17	Utility and/or Water Treatment Plant		
18	Wastewater Plant		
19	System Flushing		
20	Fire Department		
21	Other Usage (explain)		
22	TOTAL OTHER WATER USED		0
23			
24	WATER LOSS		
25	Tank Overflows		
26	Line Breaks		
27	Line Leaks		306,620
28	Excavation Damages		
29	Theft		
30	Other Loss	DBP	
31	TOTAL WATER LOSS		306,620
32			
33	Note: Line 14 + Line 22 + Line 31 MUST Equal Line 4		
34			
35	WATER LOSS PERCENTAGE		
36	(Line 31 divided by Line 4)		19.36%

BLACK MOUNTAIN UTILITY DISTRICT

Monthly Water Loss Report

Water Utility: ROSSPOINT

For the Month of: MARCH 2024

LINE #	ITEM	# OF CUST	GALLONS (Omit 000's)
1	WATER PRODUCED AND PURCHASED		
2	Water Produced		
3	Water Purchased		943,250
4	TOTAL PRODUCED AND PURCHASED		943,250
5			
6	WATER SALES		
7	Residential		1,112,520
8	Commercial		
9	Industrial		
10	Bulk Loading Stations		
11	Wholesale		
12	Public Authorities		
13	Other Sales (explain)		
14	TOTAL WATER SALES	0	1,112,520
15			
16	OTHER WATER USED		
17	Utility and/or Water Treatment Plant		
18	Wastewater Plant		
19	System Flushing		
20	Fire Department		
21	Other Usage (explain)		
22	TOTAL OTHER WATER USED		0
23			
24	WATER LOSS		
25	Tank Overflows		
26	Line Breaks		
27	Line Leaks		-169,270
28	Excavation Damages		
29	Theft		
30	Other Loss	DBP	
31	TOTAL WATER LOSS		-169,270
32			
33	Note: Line 14 + Line 22 + Line 31 MUST Equal Line 4		
34			
35	WATER LOSS PERCENTAGE		
36	(Line 31 divided by Line 4)		0.00%

BLACK MOUNTAIN UTILITY DISTRICT

Monthly Water Loss Report

Water Utility: SUKEY RIDGE

For the Month of: MARCH 2024

LINE #	ITEM	# OF CUST	GALLONS (Omit 000's)
1	WATER PRODUCED AND PURCHASED		
2	Water Produced		
3	Water Purchased		1,699,000
4	TOTAL PRODUCED AND PURCHASED		1,699,000
5			
6	WATER SALES		
7	Residential		1,098,740
8	Commercial		
9	Industrial		
10	Bulk Loading Stations		
11	Wholesale		
12	Public Authorities		
13	Other Sales (explain)		
14	TOTAL WATER SALES	0	1,098,740
15			
16	OTHER WATER USED		
17	Utility and/or Water Treatment Plant		2,500
18	Wastewater Plant		
19	System Flushing		
20	Fire Department		
21	Other Usage (explain)		
22	TOTAL OTHER WATER USED		2,500
23			
24	WATER LOSS		
25	Tank Overflows		
26	Line Breaks		
27	Line Leaks		597,760
28	Excavation Damages		
29	Theft		
30	Other Loss	DBP	
31	TOTAL WATER LOSS		597,760
32			
33	Note: Line 14 + Line 22 + Line 31 MUST Equal Line 4		
34			
35	WATER LOSS PERCENTAGE		
36	(Line 31 divided by Line 4)		35.18%

BLACK MOUNTAIN UTILITY DISTRICT

Monthly Water Loss Report

Water Utility: WALLINS

For the Month of: MARCH 2024

LINE #	ITEM	# OF CUST	GALLONS (Omit 000's)
1	WATER PRODUCED AND PURCHASED		
2	Water Produced		
3	Water Purchased		4,749,600
4	TOTAL PRODUCED AND PURCHASED		4,749,600
5			
6	WATER SALES		
7	Residential		2,874,510
8	Commercial		
9	Industrial		
10	Bulk Loading Stations		
11	Wholesale		
12	Public Authorities		
13	Other Sales (explain)		
14	TOTAL WATER SALES	0	2,874,510
15			
16	OTHER WATER USED		
17	Utility and/or Water Treatment Plant		
18	Wastewater Plant		
19	System Flushing		
20	Fire Department		3,500
21	Other Usage (explain)		
22	TOTAL OTHER WATER USED		3,500
23			
24	WATER LOSS		
25	Tank Overflows		
26	Line Breaks		
27	Line Leaks		1,871,590
28	Excavation Damages		
29	Theft		
30	Other Loss	DBP	
31	TOTAL WATER LOSS		1,871,590
32			
33	Note: Line 14 + Line 22 + Line 31 MUST Equal Line 4		
34			
35	WATER LOSS PERCENTAGE		
36	(Line 31 divided by Line 4)		39.41%

PUBLIC SERVICE COMMISSION

Monthly Water Loss Report

Water Utility:

AGES

For the Month of:

APRIL

Year:

2024

LINE #	ITEM	GALLONS (Omit 000's)
1	WATER PRODUCED AND PURCHASED	
2	Water Produced	
3	Water Purchased	638,600
4	PRODUCED AND PURCHASED	638,600
5		
6	WATER SALES	
7	Residential	497,860
8	Commercial	
9	Industrial	
10	Bulk Loading Stations	
11	Wholesale	
12	Public Authorities	
13	Other Sales (explain)	
14	TOTAL WATER SALES	497,860
15		
16	OTHER WATER USED	
17	Utility and/or Water Treatment Plant	
18	Wastewater Plant	
19	System Flushing	
20	Fire Department	
21	Other Usage (explain)	DBP 57,283
22	TOTAL OTHER WATER USED	57,283
23		
24	WATER LOSS	
25	Tank Overflows	
26	Line Breaks	
27	Line Leaks	83,457
28	Excavation Damages	
29	Theft	
30	Other Loss	
31	TOTAL WATER LOSS	83,457
32		
33	Note: Line 14 + Line 22 + Line 31 MUST Equal Line 4	
34		
35	WATER LOSS PERCENTAGE	
36	(Line 31 divided by Line 4)	13.07%

PUBLIC SERVICE COMMISSION

Monthly Water Loss Report

Water Utility:

COLDIRON

For the Month of:

APRIL Year: 2024

LINE #	ITEM	GALLONS (Omit 000's)
1	WATER PRODUCED AND PURCHASED	
2	Water Produced	
3	Water Purchased	697,900
4	UCED AND PURCHASED	697,900
5		
6	WATER SALES	
7	Residential	613,770
8	Commercial	
9	Industrial	
10	Bulk Loading Stations	
11	Wholesale	
12	Public Authorities	
13	Other Sales (explain)	
14	TOTAL WATER SALES	613,770
15		
16	OTHER WATER USED	
17	Utility and/or Water Treatment Plant	
18	Wastewater Plant	
19	System Flushing	
20	Fire Department	
21	Other Usage (explain) DBP	52861
22	TOTAL OTHER WATER USED	52,861
23		
24	WATER LOSS	
25	Tank Overflows	
26	Line Breaks	
27	Line Leaks	31,269
28	Excavation Damages	
29	Theft	
30	Other Loss	
31	TOTAL WATER LOSS	31,269
32		
33	Note: Line 14 + Line 22 + Line 31 MUST Equal Line 4	
34		
35	WATER LOSS PERCENTAGE	
36	(Line 31 divided by Line 4)	4.48%

PUBLIC SERVICE COMMISSION

Monthly Water Loss Report

Water Utility:

COXTON

For the Month of:

APRIL

Year: 2024

LINE #	ITEM	GALLONS (Omit 000's)
1	WATER PRODUCED AND PURCHASED	
2	Water Produced	
3	Water Purchased	1,203,000
4	PRODUCED AND PURCHASED	1,203,000
5		
6	WATER SALES	
7	Residential	488,520
8	Commercial	
9	Industrial	
10	Bulk Loading Stations	
11	Wholesale	
12	Public Authorities	
13	Other Sales (explain)	
14	TOTAL WATER SALES	488,520
15		
16	OTHER WATER USED	
17	Utility and/or Water Treatment Plant	
18	Wastewater Plant	
19	System Flushing	261,120
20	Fire Department	
21	Other Usage (explain) DBP	
22	TOTAL OTHER WATER USED	261,120
23		
24	WATER LOSS	
25	Tank Overflows	
26	Line Breaks	
27	Line Leaks	453,360
28	Excavation Damages	
29	Theft	
30	Other Loss	
31	TOTAL WATER LOSS	453,360
32		
33	Note: Line 14 + Line 22 + Line 31 MUST Equal Line 4	
34		
35	WATER LOSS PERCENTAGE	
36	(Line 31 divided by Line 4)	37.69%

PUBLIC SERVICE COMMISSION

Monthly Water Loss Report

Water Utility:

DAYHOIT

For the Month of:

APRIL

Year:

2024

LINE #	ITEM	GALLONS (Omit 000's)
1	WATER PRODUCED AND PURCHASED	
2	Water Produced	
3	Water Purchased	2,654,800
4	PRODUCED AND PURCHASED	2,654,800
5		
6	WATER SALES	
7	Residential	1,463,460
8	Commercial	
9	Industrial	
10	Bulk Loading Stations	
11	Wholesale	
12	Public Authorities	
13	Other Sales (explain)	
14	TOTAL WATER SALES	1,463,460
15		
16	OTHER WATER USED	
17	Utility and/or Water Treatment Plant	
18	Wastewater Plant	
19	System Flushing	75,092
20	Fire Department	
21	Other Usage (explain) DBP	155,631
22	TOTAL OTHER WATER USED	230,723
23		
24	WATER LOSS	
25	Tank Overflows	
26	Line Breaks	
27	Line Leaks	960,617
28	Excavation Damages	
29	Theft	
30	Other Loss	
31	TOTAL WATER LOSS	960,617
32		
33	Note: Line 14 + Line 22 + Line 31 MUST Equal Line 4	
34		
35	WATER LOSS PERCENTAGE	
36	(Line 31 divided by Line 4)	36.18%

PUBLIC SERVICE COMMISSION

Monthly Water Loss Report

Water Utility:

GREEN HILLS

For the Month of:

APRIL

Year:

2024

LINE #	ITEM	GALLONS (Omit 000's)
1	WATER PRODUCED AND PURCHASED	
2	Water Produced	
3	Water Purchased	3,829,780
4	PRODUCED AND PURCHASED	3,829,780
5		
6	WATER SALES	
7	Residential	1,321,310
8	Commercial	
9	Industrial	
10	Bulk Loading Stations	
11	Wholesale	
12	Public Authorities	
13	Other Sales (explain)	
14	TOTAL WATER SALES	1,321,310
15		
16	OTHER WATER USED	
17	Utility and/or Water Treatment Plant	
18	Wastewater Plant	
19	System Flushing	131,682
20	Fire Department	
21	Other Usage (explain) DBP	155684
22	AL OTHER WATER USED	287,366
23		
24	WATER LOSS	
25	Tank Overflows	
26	Line Breaks	
27	Line Leaks	2,221,104
28	Excavation Damages	
29	Theft	
30	Other Loss	
31	TOTAL WATER LOSS	2,221,104
32		
33	Note: Line 14 + Line 22 + Line 31 MUST Equal Line 4	
34		
35	WATER LOSS PERCENTAGE	
36	(Line 31 divided by Line 4)	58.00%

PUBLIC SERVICE COMMISSION

Monthly Water Loss Report

Water Utility:

KENVIR

For the Month of:

APRIL Year: 2024

LINE #	ITEM	GALLONS (Omit 000's)
1	WATER PRODUCED AND PURCHASED	
2	Water Produced	
3	Water Purchased	997,000
4	PRODUCED AND PURCHASED	997,000
5		
6	WATER SALES	
7	Residential	742,380
8	Commercial	
9	Industrial	
10	Bulk Loading Stations	
11	Wholesale	
12	Public Authorities	
13	Other Sales (explain)	
14	TOTAL WATER SALES	742,380
15		
16	OTHER WATER USED	
17	Utility and/or Water Treatment Plant	
18	Wastewater Plant	
19	System Flushing	
20	Fire Department	
21	Other Usage (explain) <u>DBP</u>	162,987
22	TOTAL OTHER WATER USED	162,987
23		
24	WATER LOSS	
25	Tank Overflows	
26	Line Breaks	
27	Line Leaks	91,633
28	Excavation Damages	
29	Theft	
30	Other Loss	
31	TOTAL WATER LOSS	91,633
32		
33	Note: Line 14 + Line 22 + Line 31 MUST Equal Line 4	
34		
35	WATER LOSS PERCENTAGE	
36	(Line 31 divided by Line 4)	9.19%

PUBLIC SERVICE COMMISSION

Monthly Water Loss Report

Water Utility:

LOUELLEN

For the Month of:

APRIL Year: 2024

LINE #	ITEM	GALLONS (Omit 000's)
1	WATER PRODUCED AND PURCHASED	
2	Water Produced	
3	Water Purchased	935,000
4	PRODUCED AND PURCHASED	935,000
5		
6	WATER SALES	
7	Residential	514,050
8	Commercial	
9	Industrial	
10	Bulk Loading Stations	
11	Wholesale	
12	Public Authorities	
13	Other Sales (explain)	
14	TOTAL WATER SALES	514,050
15		
16	OTHER WATER USED	
17	Utility and/or Water Treatment Plant	
18	Wastewater Plant	2,500
19	System Flushing	57,000
20	Fire Department	
21	Other Usage (explain) DBP	98,956
22	TOTAL OTHER WATER USED	158,456
23		
24	WATER LOSS	
25	Tank Overflows	
26	Line Breaks	
27	Line Leaks	262,494
28	Excavation Damages	
29	Theft	
30	Other Loss	
31	TOTAL WATER LOSS	262,494
32		
33	Note: Line 14 + Line 22 + Line 31 MUST Equal Line 4	
34		
35	WATER LOSS PERCENTAGE	
36	(Line 31 divided by Line 4)	28.07%

PUBLIC SERVICE COMMISSION

Monthly Water Loss Report

Water Utility:

PUTNEY

For the Month of:

APRIL Year: 2024

LINE #	ITEM	GALLONS (Omit 000's)
1	WATER PRODUCED AND PURCHASED	
2	Water Produced	
3	Water Purchased	1,911,400
4	TOTAL PRODUCED AND PURCHASED	1,911,400
5		
6	WATER SALES	
7	Residential	1,173,600
8	Commercial	
9	Industrial	
10	Bulk Loading Stations	
11	Wholesale	
12	Public Authorities	
13	Other Sales (explain)	
14	TOTAL WATER SALES	1,173,600
15		
16	OTHER WATER USED	
17	Utility and/or Water Treatment Plant	
18	Wastewater Plant	
19	System Flushing	97,682
20	Fire Department	
21	Other Usage (explain) DBP	175,692
22	TOTAL OTHER WATER USED	273,374
23		
24	WATER LOSS	
25	Tank Overflows	
26	Line Breaks	
27	Line Leaks	464,426
28	Excavation Damages	
29	Theft	
30	Other Loss	
31	TOTAL WATER LOSS	464,426
32		
33	Note: Line 14 + Line 22 + Line 31 MUST Equal Line 4	
34		
35	WATER LOSS PERCENTAGE	
36	(Line 31 divided by Line 4)	24.30%

PUBLIC SERVICE COMMISSION

Monthly Water Loss Report

Water Utility:

ROSSPOINT

For the Month of:

APRIL Year: 2024

LINE #	ITEM	GALLONS (Omit 000's)
1	WATER PRODUCED AND PURCHASED	
2	Water Produced	
3	Water Purchased	1,745,953
4	TOTAL PRODUCED AND PURCHASED	1,745,953
5		
6	WATER SALES	
7	Residential	1,087,990
8	Commercial	
9	Industrial	
10	Bulk Loading Stations	
11	Wholesale	
12	Public Authorities	
13	Other Sales (explain)	
14	TOTAL WATER SALES	1,087,990
15		
16	OTHER WATER USED	
17	Utility and/or Water Treatment Plant	
18	Wastewater Plant	
19	System Flushing	192,363
20	Fire Department	
21	Other Usage (explain) <u>DBP</u>	
22	TOTAL OTHER WATER USED	192,363
23		
24	WATER LOSS	
25	Tank Overflows	
26	Line Breaks	
27	Line Leaks	465,600
28	Excavation Damages	
29	Theft	
30	Other Loss	
31	TOTAL WATER LOSS	465,600
32		
33	Note: Line 14 + Line 22 + Line 31 MUST Equal Line 4	
34		
35	WATER LOSS PERCENTAGE	
36	(Line 31 divided by Line 4)	26.67%

PUBLIC SERVICE COMMISSION

Monthly Water Loss Report

Water Utility:

SUKEY RIDGE

For the Month of:

APRIL Year: 2024

LINE #	ITEM	GALLONS (Omit 000's)
1	WATER PRODUCED AND PURCHASED	
2	Water Produced	
3	Water Purchased	1,463,700
4	TOTAL PRODUCED AND PURCHASED	1,463,700
5		
6	WATER SALES	
7	Residential	937,720
8	Commercial	
9	Industrial	
10	Bulk Loading Stations	
11	Wholesale	
12	Public Authorities	
13	Other Sales (explain)	
14	TOTAL WATER SALES	937,720
15		
16	OTHER WATER USED	
17	Utility and/or Water Treatment Plant	
18	Wastewater Plant	
19	System Flushing	
20	Fire Department	
21	Other Usage (explain) DBP	186,341
22	TOTAL OTHER WATER USED	186,341
23		
24	WATER LOSS	
25	Tank Overflows	
26	Line Breaks	
27	Line Leaks	339,639
28	Excavation Damages	
29	Theft	
30	Other Loss	
31	TOTAL WATER LOSS	339,639
32		
33	Note: Line 14 + Line 22 + Line 31 MUST Equal Line 4	
34		
35	WATER LOSS PERCENTAGE	
36	(Line 31 divided by Line 4)	23.20%

PUBLIC SERVICE COMMISSION

Monthly Water Loss Report

Water Utility:

WALLINS

For the Month of:

APRIL Year: 2024

LINE #	ITEM	GALLONS (Omit 000's)
1	WATER PRODUCED AND PURCHASED	
2	Water Produced	
3	Water Purchased	4,977,100
4	TOTAL PRODUCED AND PURCHASED	4,977,100
5		
6	WATER SALES	
7	Residential	1,903,810
8	Commercial	
9	Industrial	
10	Bulk Loading Stations	
11	Wholesale	
12	Public Authorities	
13	Other Sales (explain)	
14	TOTAL WATER SALES	1,903,810
15		
16	OTHER WATER USED	
17	Utility and/or Water Treatment Plant	
18	Wastewater Plant	
19	System Flushing	62,186
20	Fire Department	8,900
21	Other Usage (explain) <u>DBP ON 3 TANKS</u>	200,351
22	TOTAL OTHER WATER USED	271,437
23		
24	WATER LOSS	
25	Tank Overflows	
26	Line Breaks	
27	Line Leaks	2,801,853
28	Excavation Damages	
29	Theft	
30	Other Loss	
31	TOTAL WATER LOSS	2,801,853
32		
33	Note: Line 14 + Line 22 + Line 31 MUST Equal Line 4	
34		
35	WATER LOSS PERCENTAGE	
36	(Line 31 divided by Line 4)	56.29%

BLACK MOUNTAIN UTILITY DISTRICT

PSC CASE NO. 2023-00202

RESPONSE TO SECOND REQUEST FOR INFORMATION

PSC REQUEST FOR INFORMATION DATED 5/8/24

REQUEST 2

RESPONSIBLE PARTIES: Grant Cooper

Request 2. Identify the specific Black Mountain District system for each of the following locations: Dayhoit Creek, Camp Creek, and Brooks Street.

Response 2.

Dayhoit Creek is on the Dayhoit system KY0480277.

Camp Creek is on the Wallins system KY0480572.

Brooks Street is on the Wallins system KY0480572.

BLACK MOUNTAIN UTILITY DISTRICT
PSC CASE NO. 2023-00202
RESPONSE TO SECOND REQUEST FOR INFORMATION

PSC REQUEST FOR INFORMATION DATED 5/8/24

REQUEST 3

RESPONSIBLE PARTIES: Grant Cooper

Request 3. Refer to the April 22, 2024 motion to use surcharge funds:

- a. Explain how the leaks in the Dayhoit Creek, Camp Creek, and Brooks Street areas were located.
- b. Provide a detailed description of the repairs that were performed in these areas, and an explanation as to how those repairs have resulted in a decrease in unaccounted for water loss.

Response 3a and 3b. The leak in Dayhoit Creek started in 2020 with a heavy rain event where water washed the cover off the PVC pipe and then rocks broke the pipe. It was dug down to bed rock and a new pipe was installed and covered with stone. The problem kept occurring every time there was a significant rain. A plan was developed to put in casing and concrete on it into the banks of the creek and then run the PVC pipe through the casing. Photographs of this project are included in Attachment B.

The leak in Camp Creek was also discovered after a heavy rain event. A coal company stripped the area of the mountain and runoff washed away the ditch that the pipe was located in.

Brooks Street is four $\frac{3}{4}$ service lines that are approximately 100' long that go under a driveway. There have been numerous leaks at the driveway due to traffic, especially large trucks. These leaks have been found by constantly checking the area because the leak issue is known.

All of these repairs have resulted in unaccounted water loss. Black Mountain continues to monitor these areas to ensure no additional leaks have occurred and the District's water loss continues to decline.

ATTACHMENT B







BLACK MOUNTAIN UTILITY DISTRICT

PSC CASE NO. 2023-00202

RESPONSE TO POST-HEARING REQUEST FOR INFORMATION

PSC REQUEST FOR INFORMATION DATED 5/8/24

REQUEST 4

RESPONSIBLE PARTIES: Grant Cooper

Request 4. Refer to the Infrastructure Improvement Plan, Water Loss Control Programs, and Plan for Spending Surcharge Money filed on February 1, 2024 (collectively, QIIP):

- a. Provide a consolidated list of each project, included in the QIIP, or otherwise, that will be funded by the Clean Water grant.
- b. Provide an estimate and supporting documentation for the total number of zone meters needed for the district.
- c. Provide a prioritized list of ten water loss reduction activities, included in the QIIP, or otherwise, and not including any activities to be funded through grant money, along with an estimate and supporting documentation for each item listed.
- d. Provide the amount of salary that Black Mountain District proposes to pay the two dedicated employees for leak detection and repairs, including the amount of benefits, if any.

Response 4a.

- Louellen – spare pump, spare processor, and radio.
- Kenvir – inspection of tank, replace missing fence around the tank, inspection of the Disney tank, inspection of the Ages tank with a motor and pump replacement.
- Dayhoit – three PRV replacements and repairs to a booster pump station on Highway 3451.
- Wallins – replacement of two soft start VFD, replacement of the motor, pupmp, and PRV. Inspect the tanks in the Wallins system.

- Green Hills – inspect all five tanks on the system. Inspect, and potentially replace, the motor and pump in the Salt Trace pump station. Replace two motors and pumps in the Shepard pump station. Replace one motor and pump in the Harlan Bell booster pump station. Replace the motor and pump for the Divide pump station. There are four VFD that are necessary to pump water up the mountain that need to be replaced. There are two pumps that need that need seal replacement. A spare motor and pump are necessary. Two PRV with electric solenoids that can be controlled to open and close the tanks.
- Rosspoint – two new motors and pumps.
- Sukey Ridge – one new motor and pump

Additionally, the office will be getting a new billing system that will make it easier for the customer to pay bills. The billing system will include a customer portal with text and email notifications. Black Mountain needs a new backhoe. Finally, Black Mountain has purchased meters to replace meters that are not functioning or that are over ten years old. Black Mountain has also purchased a test bench for meter testing.

Response 4b.

- Louellen – three flow meters (6 inch) in this system and three valves for isolating the system for leak detection. Cost – \$15,359.82
- Kenvir – two flow meters (6 inch) and valves and three (3 inch) flow meters and valves. Cost – \$17,276.38.
- Coxton – two flow meters (6 inch) and valves. Cost – \$10,239.88.
- Dayhoit – two flow meters (6 inch) and one flow meter (4 inch) and valve. Cost – \$12,945.65.
- Sukey Ridge – two flow meters (6 inch) and valves. Cost – \$10,239.88.
- Rosspoint – five flow meters (6 inch) and valves. Cost – \$25,599.70.
- Wallins – seven flow meters (6 inch) and valves. Cost – \$35,839.58.
- Green Hills – eleven flow meters (6 inch) and valves. Cost – \$56,319.34.

The system will also require:

Twenty-one six inch valves. Cost – \$23,518.74.

Twelve four inch valves. Cost – \$10,053.24.

Seventeen three inch valves. Cost – \$12,673.50.

This is for valves that are stuck or broken. The number of valves will rise as Black Mountain works through the system. Total cost is \$230,065.71.

The estimates are included in Attachment C.

Response 4c.

1. Get one additional listening device to double efforts in finding leaks.
2. Zone off the systems that have the highest water loss for easier leak detection in those areas.
3. Replace valves that do not work or leak.
4. Replace slow (old) meters throughout the system.
5. Recognize problem areas that have old copper lines that are prone to leaks.
6. Utilize casing on problem areas where there are continual leaks.
7. After zoning the system, break off customers in the billing system so there can be an accurate number of water usage versus purchased water.
8. In the GIS system add leak information to shows trends and problem areas.
9. Dedication to system maintenance and using tools already in place to keep leaks to a minimum.
10. Train as many employees as possible to detect leaks so water loss can be held to 15 percent.

Response 4d.

Please see the motion for an extension of time related to this response.

Attachment C



Bid Proposal for Black Mountain Water Gate Valves & Meters

CUSTOMER	BLACK MOUNTAIN UTILITY DIST 609 FOUR MILE RD BAXTER, KY 40806	Job Black Mountain Water Gate Valves & Meters Black Mountain, KY Bid Date: 05/01/2024 Bid #: 3517160
	Sales Representative Nicholas Sharp (T) 859-556-2244 (F) 859-253-0848 Nicholas.Sharp@coreandmain.com	Core & Main 2141 Christian Rd Lexington, KY 40509 (T) 8592533464
CONTACT		
NOTES		



Bid Proposal for Black Mountain Water Gate Valves & Meters

BLACK MOUNTAIN UTILITY DIST
Job Location: Black Mountain, KY
Bid Date: 05/01/2024
Core & Main 3517160

Core & Main
 2141 Christian Rd
 Lexington, KY 40509
Phone: 8592533464
Fax: 8592530848

Seq#	Qty	Part Number	Description	Units	Price	Ext Price
			VALVES			
30	1	5103A236219	3" A2362-19 MJXFLG RW GV O/L LESS ACC	EA	745.50	745.50
40	1	5104A236219	4 A2362-19 MJXFL GV OL L/ACC	EA	837.77	837.77
50	1	5106A236219	6 A2362-19 MJXFL RW GV OL ON	EA	1,119.94	1,119.94
			METERS			
80	1	4307G02K02D18B8UB	5/8X3/4 FLOWIQ 2200 USG ALD 7-1/2"LL COMPOSITE BODY 02-K-02-D-1-8B-8UB	EA	272.00	272.00
90			7-1/2 LENGTH			
110	1	4320G02L02D18M8UB	2 FLG FLOWIQ 3200 USG 15-1/4"LL SS BODY 02-L-02-D-1-8M-8-UB	EA	1,068.80	1,068.80
120			15-1/4 LENGTH			
140	1	4320G02L02D18H8UB	2 FLG FLOWIQ 3200 USG 17"LL SS BODY 02-L-02-D-1-8H-8-UB	EA	966.40	966.40
150			17" LENGTH			
170	1	4330G02L02D18K8UB	3 FLG FLOWIQ 3200 USG 12"LL SS BODY 02-L-02-D-1-8K-8-UB	EA	1,600.00	1,600.00
180			12" LENGTH			
200	1	4340G02L02D18P8UB	4 FLG FLOWIQ 3200 USG 14"LL SS BODY 02-L-02-D-1-8P-8-UB	EA	1,868.00	1,868.00
210			14" LENGTH			
230	1	4360G02E02G1FR8US	6 FLG FLOWIQ 4200 USG 18LL W/ SPOOL PIECE 02-E-02-G-1-FR-8US	EA	4,000.00	4,000.00



Bid Proposal for Black Mountain Water Gate Valves & Meters

Bid #: 3517160

Seq#	Qty	Part Number	Description	Units	Price	Ext Price
240			18" LENGTH			
Sub Total						12,478.41
Tax						0.00
Total						12,478.41

Branch Terms:

This quote represents our interpretation of the plans & specifications and is offered as an aid to bidding only. Customers should verify all materials & quantities prior to bidding or ordering. Unless otherwise noted, PVC pipe prices are based on availability at the time of shipping. HDPE prices are good for 10 days from quote date and price per foot might be revised if quantity changes. Pricing is subject to change if the scope of the quote is altered, at the discretion of the branch. Special order material or other non-stock items may be non-refundable or subject to a cancellation/restock charge. Special order non-stock items must be shipped to customer within 30 days of receipt by Core & Main.

UNLESS OTHERWISE SPECIFIED HEREIN, PRICES QUOTED ARE VALID IF ACCEPTED BY CUSTOMER AND PRODUCTS ARE RELEASED BY CUSTOMER FOR MANUFACTURE WITHIN THIRTY (30) CALENDAR DAYS FROM THE DATE OF THIS QUOTATION. CORE & MAIN LP RESERVES THE RIGHT TO INCREASE PRICES TO ADDRESS FACTORS, INCLUDING BUT NOT LIMITED TO, GOVERNMENT REGULATIONS, TARIFFS, TRANSPORTATION, FUEL AND RAW MATERIAL COSTS. DELIVERY WILL COMMENCE BASED UPON MANUFACTURER LEAD TIMES. ANY MATERIAL DELIVERIES DELAYED BEYOND MANUFACTURER LEAD TIMES MAY BE SUBJECT TO PRICE INCREASES AND/OR APPLICABLE STORAGE FEES. THIS BID PROPOSAL IS CONTINGENT UPON BUYER'S ACCEPTANCE OF SELLER'S TERMS AND CONDITIONS OF SALE, AS MODIFIED FROM TIME TO TIME, WHICH CAN BE FOUND AT: <https://coreandmain.com/TandC/>