Monthly Excavation Break Report

Rattlesnake Ridge Water District (name of Water System)

Ky0220555 (PWSID)

Month January
Year 2020

Area Calculator

diameter in inches
Hole =
Area = 0.000 sq. in.

length (in) width (in)
Crack = 6 0.5
Area = 3 sq. in.

Insert the approximate dimensions of the hole or crack to determine the area of the break. Insert the area in the spreadsheet below.

Date	Excavation Break Location	Excavator	Minutes	Hole or Crack?	Area of hole or crack	Normal PSI	GPM	Gallons Lost During Break
1/2/2020	rt 986 service	1.25	1444	crack	0.500	120	125	180,296
1/2/2020	possum holler 2'	1.16	1444	crack	0.250	130	65	93,829
1/3/2020	rt 182	1.41	2888	crack	0.300	100	68	197,505
1/3/2020	Diamond ridge 3'	1.34	240	hole	2.500	90	721	173,006
1/3/2020	US 60service	1.24	1444	crack	0.400	100	91	131,670
1/7/2020	Brushy service	1.46	1444	crack	0.250	110	60	86,310
1/7/2020	rt 1620 1'	1.31	2888	crack	0.150	120	37	108,178
1/14/2020	Davys run service	1.29	1444	crack	0.250	130	65	93,829
1/7/2020	kitchen holler	1.23	1444	crack	0.200	130	52	75,063
1/7/2020	Huffs run service	1.41	1444	crack	0.350	120	87	126,207
1/7/2020	Horton flats 3' band clp	1.45	1444	crack	0.500	130	130	187,658
1/8/2020	RT 7 8' clamp	1.39	1444	crack	0.275	130	71	103,212
1/9/2020	Smith Run	1.2	2888	crack	0.250	120	62	180,296
1/9/2020	Bear ridge 4'	1.29	1444	crack	0.500	100	114	164,587
1/10/2020	Mills Branch service	1.31	1444	crack	0.450	110	108	155,358
1/15/2020	Binion Branch service	1.24	1444	crack	0.500	100	114	164,587
1/16/2020	Little Huff service	1.34	1444	crack	0.280	130	73	105,089
1/17/2020	US 60 6 '	1.29	1444	crack	0.500	130	130	187,658
1/17/2020	US 60 service	1.27	2888	crack	0.150	130	39	112,595
1/17/2020	Diamond ridge service	1.17	1444	crack	0.500	90	108	156,141
1/20/2020	Fields branch service	1.35	1444	crack	0.420	130	109	157,633
1/21/2020	4 mile service replaced	1.27	2888	crack	0.250	100	57	164,587
1/22/2020	Ross chaple 3'	1.24	1444	crack	0.150	100	34	49,376
1/22/2020	rt 986 service	1.19	1444	crack	0.350	120	87	126,207
1/28/2020	Chapel cut 3'	1.31	240	crack	1.000	120	250	59,932
1/30/2020	486 gumps service	1.29	1444	crack	0.100	125	25	36,803
1/30/2020	corey road	1.25	1444	crack	0.250	100	57	82,294

Total Gallons Lost Due to Excavation Breaks 3,459,907

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Monthly Leak Repair Report

Rattlesnake Ridge Water District
(Water System)

Ky0220555
(PWSID)

Month	**Febuary**
Year	**2020**

Area Calculator

	diameter in inches	
Hole=		
Area=	0.000	sq. in.

	length (in)	width (in)
Crack=	3	0.25
Area=	0.75	sq. in.

Insert the approximate dimensions of the hole or crack to determine the area of the break. Insert the area in the spreadsheet below.

Date of Repair	Location of Leak or Line Break	Days Line Leaked?	Hole or Crack?	Area of hole or crack	Normal PSI	GPM	Calculated Loss for Month	Estimated Loss for Month
2/3/20	Horton Flats 3'	2	hole	0.250	130	87	249,512	
2/3/20	Leadingham rd	2	hole	0.250	90	72	207,607	
2/4/20	986 pump st	0.3	hole	1.000	120	333	143,834	
2/10/20	Bethel ridge	1	hole	0.500	90	144	207,607	
2/12/20	Binion branch	2	hole	0.250	100	76	218,837	
2/12/20	Buckler lane	1	hole	0.150	100	46	65,651	
2/14/20	RT 504	1	hole	0.150	100	46	65,651	
2/22/20	Rt 773	10	hole	0.500	120	166	2,397,237	
2/28/20	Detour rd	5	hole	0.100	120	33	239,724	
2/28/20	Rt 986	1	hole	0.150	130	52	74,854	

Total Gallons Lost Due to Line Breaks **3,870,514**

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Monthly Leak Repair Report

Rattlesnake Ridge Water District
(Water System)

Ky0220555
(PWSID)

Month	**March**
Year	**2020**

Area Calculator

diameter in inches
Hole=
Area= 0.000 sq. in.

length (in) width (in)
Crack=
Area= 0 sq. in.

Insert the approximate dimensions of the hole or crack to determine the area of the break. Insert the area in the spreadsheet below.

Date of Repair	Location of Leak or Line Break	Days Line Leaked?	Hole or Crack?	Area of hole or crack	Normal PSI	GPM	Calculated Loss for Month	Estimated Loss for Month
3/5/20	986 pump st	0.4	hole	1.000	150	372	214,415	
3/9/20	RT 474	1	crack	0.500	100	114	164,131	
3/9/20	RT 706 service	2	crack	0.500	120	125	359,593	
3/9/20	bear ridge	5	crack	0.500	80	102	734,017	
3/16/20	mills branch 6" UP	0.5	crack	0.250	120	62	44,949	
3/17/20	seagraves holler service	2	crack	0.350	100	80	229,784	
3/20/20	gillium branch service	5	crack	0.250	100	57	410,328	
3/20/20	fultz 8 " UP	1	crack	0.250	150	70	100,509	
3/20/20	fultz 8 " UP	1	crack	0.350	150	98	140,713	
3/23/20	horton flats 3"	4	crack	0.500	100	114	656,525	
3/25/20	RT 1 service	1	crack	0.250	130	65	93,569	
3/25/20	Rt 1 3" UP	1	crack	0.450	130	117	168,425	
3/27/20	4 mile service	2	crack	0.500	100	114	328,262	
3/30/20	3" blow off rsr	5	crack	0.100	100	23	164,131	
3/30/20	service RT 182	30	crack	0.100	120	25	1,078,780	
3/30/202	service @ rose ridge	1	crack	0.250	90	54	77,854	

Total Gallons Lost Due to Line Breaks **4,965,987**

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Monthly Leak Repair Report

Rattlesnake Ridge Water District
(Water System)

Ky0220555
(PWSID)

Month	**April**
Year	**2020**

Area Calculator

diameter in inches
Hole=
Area= 0.000 sq. in.

length (in) width (in)
Crack= 1 0.25
Area= 0.25 sq. in.

Insert the approximate dimensions of the hole or crack to determine the area of the break. Insert the area in the spreadsheet below.

Date of Repair	Location of Leak or Line Break	Days Line Leaked?	Hole or Crack?	Area of hole or crack	Normal PSI	GPM	Calculated Loss for Month	Estimated Loss for Month
4/2/20	corp of engineers	2	hole	0.250	130	87	249,512	
4/2/20	little fork	2	crack	0.750	120	187	539,390	
4/3/20	binion branch	1	crack	0.500	100	114	164,131	
4/6/20	falls branch	2	crack	0.250	120	62	179,797	
4/9/20	mcConnell branch	1	crack	0.500	100	114	164,131	
4/13/20	falls branch new line in	1	crack	0.250	120	62	89,898	
4/15/20	corey ridge	2	crack	0.200	120	50	143,837	
4/17/20	504 west	2	crack	0.500	100	114	328,262	
4/17/20	willard alley	2	crack	0.750	130	195	561,415	
4/17/20	san branch	3	crack	0.500	110	120	516,427	
4/17/20	navajo trail	1	crack	0.250	100	57	82,066	
4/20/20	gary littleton	30	crack	0.250	100	57	2,461,968	
4/21/20	jimmy stevens	1	crack	0.100	110	24	34,428	
4/24/20	burtons blow-off	2	crack	0.500	100	114	328,262	
4/24/20	4 mile	1	crack	0.250	120	62	89,898	
4/24/20	bradshaw 4 mile x4	2	crack	1.000	120	250	719,187	
4/24/20	providence	1	hole	1.000	70	254	366,184	
4/27/20	10 ' bruin	2	crack	1.500	140	405	1,165,216	
4/29/20	corey road	1	crack	0.250	120	62	89,898	
4/30/20	fraley branch put new in	2	crack	0.500	120	125	359,593	

Total Gallons Lost Due to Line Breaks **8,633,503**

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Monthly Leak Repair Report

Rattlesnake Ridge Water District
(Water System)

Ky0220555
(PWSID)

Month	**May**
Year	**2020**

Area Calculator

diameter in inches
Hole=
Area= 0.000 sq. in.

length (in) width (in)
Crack=
Area= 0 sq. in.

Insert the approximate dimensions of the hole or crack to determine the area of the break. Insert the area in the spreadsheet below.

Date of Repair	Location of Leak or Line Break	Days Line Leaked?	Hole or Crack?	Area of hole or crack	Normal PSI	GPM	Calculated Loss for Month	Estimated Loss for Month
5/4/20	sinking creek	0.25	hole	4.000	130	1386	499,025	
5/4/20	sammons holler	1	hole	0.250	120	83	119,862	
5/5/20	rt 504	2	hole	0.150	100	46	131,302	
5/7/20	Bill Carroll service	1	hole	0.250	100	76	109,418	
5/7/20	rt 486	3	hole	0.150	120	50	215,751	
5/8/20	6" hymax	2	hole	0.150	130	52	149,707	
5/8/20	US 60 service	1	hole	0.250	100	76	109,418	
5/11/20	kitchen holler service	1	hole	0.150	120	50	71,917	
5/12/20	4 mile 2"	1	hole	0.250	110	80	114,759	
5/12/20	4 mile service	30	hole	0.100	110	32	1,377,108	
5/13/20	rt 504 service	30	hole	0.150	90	43	1,868,461	
5/14/20	jordan fork	30	hole	0.100	120	33	1,438,342	
5/18/20	rt 504	2	hole	0.250	90	72	207,607	
5/21/20	rt 504 east	2	hole	0.200	120	67	191,779	
5/21/20	binion branch service	1	hole	0.250	120	83	119,862	
5/23/20	diamond ridge	1	hole	0.500	100	152	218,837	
5/24/20	golf coarse	1	hole	0.500	140	180	258,931	
5/26/20	rt 486	1	hole	0.250	120	83	119,862	
5/26/20	rt 409	1	hole	0.500	130	173	249,512	
5/26/20	rt 201	1	hole	1.000	120	333	479,447	

Total Gallons Lost Due to Line Breaks **8,050,909**

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Monthly Leak Repair Report

Rattlesnake Ridge Water District
(Water System)

Ky0220555
(PWSID)

Month	**June**
Year	**2020**

Area Calculator

diameter in inches
Hole= 0.125 12
Area= ####### sq. in.

length (in) width (in)
Crack=
Area= 0 sq. in.

Insert the approximate dimensions of the hole or crack to determine the area of the break. Insert the area in the spreadsheet below.

Date of Repair	Location of Leak or Line Break	Days Line Leaked?	Hole or Crack?	Area of hole or crack	Normal PSI	GPM	Calculated Loss for Month	Estimated Loss for Month
6/2/20	church ridge service	30	hole	0.100	100	30	1,313,021	
6/1/20	barnhill little fork service	3	hole	0.250	125	85	367,000	
6/1/20	gary littletons service	10	hole	0.150	100	46	656,510	
6/1/20	john littleton	1	hole	0.350	110	112	160,663	
6/2/20	jimmy stevens	2	hole	0.500	100	152	437,674	
6/2/20	rt 986	1	hole	1.000	150	372	536,038	
6/5/20	rt 504	1	hole	0.250	90	72	103,803	
6/8/20	rt 986	1	hole	0.250	150	93	134,010	
6/8/20	gobblers knob service	1	hole	0.100	90	29	41,521	
6/8/20	tick ridge	3	hole	0.200	90	58	249,128	
6/8/20	rt 504	3	hole	0.150	90	43	186,846	
6/8/20	rt 2 service	2	hole	0.200	110	64	183,614	
6/11/20	huffsrun service	30	hole	0.100	130	35	1,497,074	
6/11/20	rt 1 service	30	hole	0.049	120	16	704,788	
6/12/20	us 60 1 inck	2	hole	0.196	100	60	171,568	
6/12/20	evans holler service	1	hole	0.126	100	38	55,147	
6/15/20	horton flats service	1	hole	0.196	100	60	85,784	
6/15/20	cains creek 4 inch	1	hole	0.250	100	76	109,418	
6/17/20	barker flats service	30	hole	0.120	90	35	1,494,769	
6/18/20	holbrook rd 1 inch	30	hole	0.196	90	57	2,441,456	
6/18/20	little fork	1	hole	0.200	120	67	95,889	
6/21/20	Rt 1	1	hole	0.100	120	33	47,945	
6/22/20	gesling	3	hole	0.196	120	65	281,915	
6/22/20	mike mosier	30	hole	0.009	90	3	112,108	
6/29/20	fields branch	30	hole	0.005	120	2	71,917	
6/29/20	ronnie hay	30	hole	0.100	90	29	1,245,641	

Total Gallons Lost Due to Line Breaks **12,785,249**

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Monthly Leak Repair Report

Rattlesnake Ridge Water District
(Water System)

Ky0220555
(PWSID)

Month	**July**
Year	**2020**

Area Calculator

diameter in inches
Hole= 0.5
Area= 0.196 sq. in.

	length (in)	width (in)
Crack=	1	0.25
Area=	0.25	sq. in.

Insert the approximate dimensions of the hole or crack to determine the area of the break. Insert the area in the spreadsheet below.

Date of Repair	Location of Leak or Line Break	Days Line Leaked?	Hole or Crack?	Area of hole or crack	Normal PSI	GPM	Calculated Loss for Month	Estimated Loss for Month
7/2/20	Carol Stewert	4	hole	0.500	100	152	875,347	
7/2/20	Church Ridge	0.5	hole	1.000	90	288	207,607	
7/2/20	RT 182	1	hole	1.000	120	333	479,447	
7/6/20	Falls Branch service	30	hole	0.100	120	33	1,438,342	
7/6/20	Austin Ison	30	hole	0.050	100	15	656,510	
7/7/20	Skaggs Flats	30	hole	0.040	100	12	525,208	
7/7/20	Rattlesnake Ridge service	30	hole	0.050	110	16	688,554	
7/8/20	San Branch	14	hole	0.075	100	23	459,557	
7/9/20	US 60	0.25	hole	0.500	120	166	59,931	
7/9/20	Banker Road service	30	hole	0.020	100	6	262,604	
7/10/20	US 60	1	hole	0.500	90	144	207,607	
7/13/20	Honeycut lane service	2	hole	0.250	130	87	249,512	
7/13/20	Dallas king 1 inch	2	hole	0.150	120	50	143,834	
7/13/20	Ron Reynol;ds 1 inch	9	hole	0.100	100	30	393,906	
7/13/20	4 Mile	0.1	hole	4.000	100	1216	175,069	
7/14/20	Below Dam	3	hole	0.200	90	58	249,128	
7/18/20	Fontana Drive ser	2	hole	0.150	100	46	131,302	
7/20/20	Willard Milling	30	hole	0.010	120	3	143,834	
7/20/20	willard griffith ser	30	hole	0.020	120	7	287,668	
7/22/20	Lowell Holbrook	30	hole	0.010	90	3	124,564	
7/27/20	Smith Branch	15	hole	0.015	100	5	98,477	
7/29/20	RT 1 ser	3	hole	0.150	120	50	215,751	
7/29/20	Webbville	2	hole	0.250	100	76	218,837	
7/31/20	Darrell Eldridge	30	hole	0.050	100	15	656,510	

Total Gallons Lost Due to Line Breaks **8,949,110**

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Monthly Leak Repair Report

Rattlesnake Ridge Water District
(Water System)

Ky0220555
(PWSID)

Month	**August**
Year	**2020**

Area Calculator

diameter in inches
Hole=
Area= 0.000 sq. in.

length (in) width (in)
Crack=
Area= 0 sq. in.

Insert the approximate dimensions of the hole or crack to determine the area of the break. Insert the area in the spreadsheet below.

Date of Repair	Location of Leak or Line Break	Days Line Leaked?	Hole or Crack?	Area of hole or crack	Normal PSI	GPM	Calculated Loss for Month	Estimated Loss for Month
8/3/20	jeff mabry service	2	hole	0.250	90	72	207,607	
8/3/20	gary stevens service	30	hole	0.025	100	8	328,255	
8/5/20	Brewster	30	hole	0.010	120	3	143,834	
8/5/20	webb lake dr	30	hole	0.015	100	5	196,953	
8/4/20	Kiser branch	2	hole	0.030	100	9	26,260	
8/4/20	gary littleton	3	hole	0.025	120	8	35,959	
8/5/20	little fork	1	hole	0.030	120	10	14,383	
8/5/20	little fork	30	hole	0.010	120	3	143,834	
8/6/20	tower at lake	3	hole	0.010	120	3	14,383	
8/6/20	bill salyers	1	hole	0.025	120	8	11,986	
8/10/20	fraley branch	3	hole	0.040	130	14	59,883	
8/10/20	eugene seagraves	30	hole	0.010	130	3	149,707	
8/10/20	tim woods	30	hole	0.020	100	6	262,604	
8/11/20	abe roar rd	1	hole	0.050	110	16	22,952	
8/14/20	little fork	1	hole	1.000	120	333	479,447	
8/12/20	dallas king	1	hole	0.100	100	30	43,767	
8/15/20	409	2	hole	0.100	100	30	87,535	
8/15/20	cains creek	2	hole	0.150	100	46	131,302	
8/17/20	dam	1	hole	0.050	90	14	20,761	
8/18/20	4 mile	2	hole	0.010	100	3	8,753	
8/18/20	4 mile	30	hole	0.010	100	3	131,302	
8/19/20	thompson br	30	hole	0.020	100	6	262,604	
8/19/20	cains creek	1	hole	0.400	100	122	175,069	
8/24/20	daveys run	2	hole	0.025	120	8	23,972	
8/24/20	thompson branch	2	hole	0.035	100	11	30,637	
8/25/20	stanley reynolds	30	hole	0.010	90	3	124,564	
8/25/20	mike mcdavid	7	hole	0.015	125	5	51,380	
8/25/20	bruce rose	1	hole	0.010	90	3	4,152	
8/26/20	rt 1	2	hole	0.020	130	7	19,961	
8/27/20	clinton middleton	30	hole	0.010	90	3	124,564	
8/27/250	us 60	1	hole	0.075	120	25	35,959	
8/28/20	chapel cut	1	hole	0.250	130	87	124,756	

Total Gallons Lost Due to Line Breaks **3,499,089**

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Monthly Leak Repair Report

Rattlesnake Ridge Water District
(Water System)

Ky0220555
(PWSID)

Month	**September**
Year	**2020**

Area Calculator

diameter in inches
Hole= 1
Area= 0.785 sq. in.

length (in) width (in)
Crack= 1 0.005
Area= 0.005 sq. in.

Insert the approximate dimensions of the hole or crack to determine the area of the break. Insert the area in the spreadsheet below.

Date of Repair	Location of Leak or Line Break	Days Line Leaked?	Hole or Crack?	Area of hole or crack	Normal PSI	GPM	Calculated Loss for Month	Estimated Loss for Month
9/3/20	seagraves holler	3	hole	0.025	100	8	32,826	
9/4/20	harper rd	30	hole	0.015	90	4	186,846	
9/4/20	rt 986	30	hole	0.015	120	5	215,751	
9/5/20	rt 2	1	hole	1.000	100	304	437,674	
9/8/20	rt 486	2	hole	0.050	120	17	47,945	
9/9/20	chalel cut	30	hole	0.015	120	5	215,751	
9/9/20	daveys run	30	hole	0.010	115	3	140,806	
9/9/20	willard	30	hole	0.010	120	3	143,834	
9/9/20	falls branch	30	hole	0.002	120	1	28,767	
9/10/20	hog br	30	hole	0.025	100	8	328,255	
9/12/20	menix rd	0.5	hole	1.000	120	333	239,724	
9/14/20	rt 986	30	hole	0.015	120	5	215,751	
9/15/20	rt 182	30	hole	0.010	100	3	131,302	
9/16/20	johnny smiths	2	hole	0.150	100	46	131,302	
9/16/20	hitchins	1	hole	0.500	110	159	229,518	
9/21/20	open fork	30	hole	0.015	90	4	186,846	
9/21/20	lick falls rd	2	hole	0.050	90	14	41,521	
9/22/20	troy savage	30	hole	0.010	120	3	143,834	
9/22/20	menifee road	0.5	hole	0.250	120	83	59,931	
9/22/20	willard milling	30	hole	0.015	120	5	215,751	
9/22/20	little fork	6	hole	0.050	115	16	140,806	
9/23/20	rt 1	30	hole	0.010	120	3	143,834	
9/23/20	huffs run	30	hole	0.015	130	5	224,561	
9/23/20	rt 486	2	hole	0.050	120	17	47,945	
9/24/20	mt savage	30	hole	0.010	120	3	143,834	
9/24/20	huffs run	30	hole	0.015	130	5	224,561	
9/28/20	webb lake dr	30	hole	0.015	100	5	196,953	
9/28/20	rt 182	7	hole	0.025	90	7	72,662	
9/29/20	kimbler drive	15	hole	0.020	100	6	131,302	

Total Gallons Lost Due to Line Breaks **4,700,395**

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Monthly Leak Repair Report

Rattlesnake Ridge Water District
(Water System)

Ky0220555
(PWSID)

Month October
Year 2020

Area Calculator

diameter in inches
Hole=
Area= 0.000 sq. in.

length (in) width (in)
Crack=
Area= 0 sq. in.

Insert the approximate dimensions of the hole or crack to determine the area of the break. Insert the area in the spreadsheet below.

Date of Repair	Location of Leak or Line Break	Days Line Leaked?	Hole or Crack?	Area of hole or crack	Normal PSI	GPM	Calculated Loss for Month	Estimated Loss for Month
10/1/20	chapel cut	1	hole	0.500	120	166	239,724	
10/5/20	falls branch	30	hole	0.050	120	17	719,171	
10/5/20	Rt 2 rockhouse	30	hole	0.050	100	15	656,510	
10/6/20	kiser br	30	hole	0.045	90	13	560,538	
10/9/20	Daveys run	30	hole	0.035	120	12	503,420	
10/9/20	little fork	30	hole	0.025	100	8	328,255	
10/13/20	Smith Run	1	hole	0.200	120	67	95,889	
10/15/20	RT 1	30	hole	0.025	120	8	359,586	
10/15/20	Falls Branch	15	hole	0.035	120	12	251,710	
10/16/20	Hay Holler	30	hole	0.040	100	12	525,208	
10/16/20	Don Hanshaw	30	hole	0.025	120	8	359,586	
10/19/20	Honey suckle Lane	2	hole	0.250	120	83	239,724	
10/19/20	RT 1	30	hole	0.035	120	12	503,420	
10/19/20	504 west	30	hole	0.025	90	7	311,410	
10/21/20	Johns Run	30	hole	0.040	115	13	563,223	
10/26/20	Little Fork	2	hole	0.250	120	83	239,724	
10/29/20	Huffs Run	1	hole	1.000	130	347	499,025	
10/29/20	Harry Young	30	hole	0.065	120	22	934,922	

Total Gallons Lost Due to Line Breaks **7,891,045**

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Monthly Leak Repair Report

Rattlesnake Ridge Water District
(Water System)

Ky0220555
(PWSID)

Month	**November**
Year	**2020**

Area Calculator

diameter in inches
Hole=
Area= 0.000 sq. in.

length (in) width (in)
Crack=
Area= 0 sq. in.

Insert the approximate dimensions of the hole or crack to determine the area of the break. Insert the area in the spreadsheet below.

Date of Repair	Location of Leak or Line Break	Days Line Leaked?	Hole or Crack?	Area of hole or crack	Normal PSI	GPM	Calculated Loss for Month	Estimated Loss for Month
11/1/20	possum holler	1	hole	1.000	130	347	499,025	
11/4/20	bill salyers	1	hole	0.500	120	166	239,724	
11/4/20	willis barker	30	hole	0.025	90	7	311,410	
11/4/20	Rt 182	30	hole	0.031	90	9	386,149	
11/5/20	little fork	1	hole	2.000	110	638	918,072	
11/5/20	mike mcdavid	30	hole	0.024	120	8	345,202	
11/9/20	holbrook lane	1	hole	1.000	130	347	499,025	
11/9/20	first national bank	30	hole	0.025	130	9	374,269	
11/9/20	bill salyers	1	hole	0.100	120	33	47,945	
11/9/20	wicker holler	30	hole	0.024	130	8	359,298	
11/12/20	earl scaggs	1	hole	1.000	120	333	479,447	
11/12/20	us 60	30	hole	0.025	120	8	359,586	
11/12/20	kinster 504	30	hole	0.016	100	5	210,083	
11/13/20	jordan fork	30	hole	0.025	130	9	374,269	
11/14/20	huffsrun	2	hole	0.620	150	231	664,688	
11/14/20	willard	2	hole	0.500	150	186	536,038	
11/18/20	hitchins	30	hole	0.024	130	8	359,298	
11/18/20	cains creek	3	hole	0.075	120	25	107,876	
11/18/20	rt 986	30	hole	0.027	130	9	404,210	
11/18/20	ol;lie boggs	3	hole	0.600	120	200	863,005	

Total Gallons Lost Due to Line Breaks **8,338,617**

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Monthly Leak Repair Report

Rattlesnake Ridge Water District
(Water System)

Ky0220555
(PWSID)

Month	**December**
Year	**2020**

Area Calculator

	diameter in inches	
Hole=	0.25	
Area=	0.049	sq. in.

	length (in)	width (in)
Crack=	2	250
Area=	500	sq. in.

Insert the approximate dimensions of the hole or crack to determine the area of the break. Insert the area in the spreadsheet below.

Date of Repair	Location of Leak or Line Break	Days Line Leaked?	Hole or Crack?	Area of hole or crack	Normal PSI	GPM	Calculated Loss for Month	Estimated Loss for Month
12/3/20	horton flats	30	hole	0.020	120	7	287,668	
12/4/20	carter city	1	hole	0.500	130	173	249,512	
12/5/20	wicker holler	0.5	hole	3.000	150	1117	804,058	
12/5/20	kiser branch	30	hole	0.035	100	11	459,557	
12/5/20	little fork	3	hole	1.000	120	333	1,438,342	
12/9/20	horton flats	1	hole	0.500	120	166	239,724	
12/11/20	diamond ridge	1	hole	3.000	100	912	1,313,021	
12/14/20	hitchins	30	hole	0.100	130	35	1,497,074	
12/15/20	wicker holler	1	hole	1.000	150	372	536,038	
12/18/20	rt 986	30	hole	0.100	100	30	1,313,021	
12/18/20	garyt stevens	30	hole	0.046	100	14	602,677	
12/28/20	us 60	0.3	hole	1.000	100	304	131,302	
12/28/20	us 60	0.3	hole	1.000	100	304	131,302	
12/29/20	jim kitchen	30	hole	0.035	120	12	503,420	
12/29/20	kitchen holler1	30	hole	0.050	120	17	719,171	
12/30/20	4 mile	30	hole	0.020	100	6	262,604	
12030/20	grayson dam	1	hole	0.250	130	87	124,756	

Total Gallons Lost Due to Line Breaks **10,613,248**

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