January 28, 2021

The Friendly Community Newsletter

Volume 19, Issue 1

Ashville, Ohio

Founded 1882

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Drip, Drip, Drip, Drip

Leaks from pipes, plumbing fixtures and fittings are a source of water waste. A "2016 Residential End Uses of Water Study" www.waterrf.org found that the average household loses about 17 gallons of water per day to leaks. Some leaks are obvious, such as dripping faucets and leaking water heaters. Unfortunately, many leaks go undetected because the source of the leak is not visible. The following information outlines the sources of leaks and how high utility bills are generated.

Tubs and Toilets

Tubs and showers have seals designed to keep water moving down drains and to the sewer. Sometimes, a seal is faulty. A toilet leak is a common problem that can often be overlooked but be the cause of your higher water bill. A jiggled handle is a temporary fix.

Clogs

Clogs are often seen as nothing more than an annoyance. While this may be true, they can also be the cause of a leaky pipe. When a clog goes untreated, pressure can build up behind it which can cause cracks or breaks.

Hot Water Heaters

A leaking water heater can be difficult to locate if it drains directly into the sanitary systems. It's not unusual, however, to be unaware of a problem until you realize you have a leak in your basement.

Water Softener Leaking

There are multiple sources of a leaks in a softener-Rotor Valve, O-Rings in Bypass Valve, a Punctured Brine Tank (overly aggressive attempt to clear a salt bridge), leaking from the drain line, and water softener hose.

Other Sources

⇒ Outside Faucet ⇒ Irrigation System
⇒ Swimming Pool ⇒ Ice Maker
⇒ Hot Tub ⇒ Dish Washer
⇒ Clothing Washier ⇒ Water Powered Sump Pump
⇒ Clothing Dyer (those that have steam capacity)

Infrastructure Issue

The following are some of the infrastructure issues that can occur: Leaky Pipe, Corroded Pipes, Damaged Joints, pipes are laid improperly, cracks in fixtures, old pipes, tree intrusion, broken or damaged seals, shifting soil, and temperature fluctuations.

Ways to tell if your house has a plumbing problem

If you've ever encountered a plumbing issue in your home, you know that there nothing worse especially when you can't detect the initial source at first glance. Here are a few signs:

Water Damage, Continuously Running Water Meter, Higher Water (H2O) Bills, and High Water Pressure

Once you know you have a leak how can you tell where a water leak is coming from?

Sometimes leaks can happen without being seen or heard. Before you start ripping out walls, a way to check whether you have a water leak is by reading your water meter. Some water meters are found in the basement, right above your main water shut-off valve. The leak indicator will be moving if there's a water leak in your home. Next go to your toilet and turn off the water at the valve. Go back to the water meter and see if the leak indicator has stopped. If it has, you have located the source of the leak. Go to each valve in your home and shut off a valve. Once the meter has stopped indicating a leak, you have located the source. Now go back one by one and turn on the valves. Check the water meter before you go to the next valve. This will allow you to determine if you have more than one source for a leak. If after tuning off all valves the leak is still being indicated, it may be time to contact a plumber. Some locations may not have shut off valve, i.e. tub, outside faucet.

Leaking pipes are a major issue. They can cause severe damage to your home, ruining ceilings, floors, walls, carpets, furniture, and more. The moisture can encourage the growth of mold and mildew. Leaky pipes also waste water, which means you're paying more on your water bill for the water you're not even using. One of the most significant issues with leaks is that you can't see the pipes in your home, so you might not even know that one has developed.

Changes in Ashville that will have a positive impact on this topic

Ashville has 958 "Radio Read" Meters. A device is driven around the village electronically we pick up a signal from a "Smart Meter". That reading is downloaded into our billing systems that automatically calculates the bill. The remaining 500 meters are read manually from a remote reader connected by wires. That information is written down. Another staff member reads the "Meter Book", types information into the computer. This process has many mechanical and human aspects creating an opportunity for error. All remaining meters will be replaced in 2021 with "Radio Read". But it does not end here. In additional to all meter being "Smart Meters" we will have an antenna installed on our water tower. It will allow us to read meters every business day. Our objective is to identify a leak and communicate it to our customer.

Final Thoughts

No one wants to deal with a leaky pipe. Dealing with it as soon as you notice it, however, will help to save your property and money. If you see any signs of a leak, such as a dripping faucet, an increase in your water bill, or a musty smell, it is vital to intervene (plumber) to get the issue taken care of as soon as possible. More information about the changes in 2021 in future Newsletters.

The Legislative Corner

This section provides the title to Ordinances and Resolutions being considered by Village Council. To read the entire text go to our website. Enacted legislation will be found under "Village Government"; and Legislation that is being considered can be found under "Village Council—Agenda".

- 2021-01 An Ordinance Authorizing the Village Administrator and Fiscal Officer to Execute an Agreement with the Board of Education of Teays Valley Local School District for a Portion of Property at Parcel Number D1300050209100, and Declaring an Emergency
- 01-2021 A Resolution authorizing the Village Administrator and Fiscal Officer to Submit a Grant Proposal (s) to the Pickaway County Park District for Their 2021 Park and Trail Grant Program.

Fee Structure Itemized

Since this Newsletter discussed what may cause an increase in your utility bill, it would be a good opportunity to discuss what is on the utility bill. It is made of the following seven charges:

- Water Unit Cost is $3.74/1,000 Gallons
- Sewer Unit Cost is $7.61/1,000 Gallons
- I & I is 34¢/1,000 Gallons *
- Tank Fee is 26¢/1,000 Gallons **
- Debt Service is $7.86/1,000 Gallons ***
- Stormwater is $3.00/ERU ****
- Refuse/Recycle is $16.72 /month Senior Citizen $15.09t *****

As you can see this bill has two charges that are the same each month-stormwater and refuse/recycle. The other four charges are multiplied per 1000 gallons each month. The water and sewer charges is adjusted each year for the prior year Consumer Price Index (CPI), Reference Ordinance 2009-03. We do not have that information for 2020. That adjustment is usually published in the March Newsletter indicating the percentage and new rate, generally between 0.3 and 1.5%.

* I & I Infiltration & Inflow correction as mandated by the Ohio EPA Director's Final Findings & Orders

** The Tank Fee is the cost to refurbish and maintain the water towers at the Water Plant & State Route 752, Reference Ordinance 2011-01

*** Debt Service Cost to acquire land, design, and construct a Water Resource Recovery Facility as mandated by the Ohio EPA Director's Final Findings and Orders, Reference 07-14 Resolution and Ordinance 2016-07

**** Equivalent Residential Unit for Residential Average 2,000 Sq. Ft. of Impervious Area, Reference Ordinance 2006-14, Chapter 929.08

***** Refuse residential cost from Service Agreement with Local Waste Services, Ordinance 2017-10

More detailed information about the above articles can be found at: www.ashvilleohio.gov/index.php/16-village-of-ashville/322 or www.ashvilleohio.gov under Village Departments—Utility

Village Council Meetings Every 1st and 3rd Monday Time: 6:30 pm
Council Committee Meetings Every 2nd Monday at 6:30 pm
- Holiday Mondays will move the meeting forward by one week

Next Month….

- Viking Festival

Inside this issue:

ASHVILLE VISION STATEMENT

Remembering our rural heritage, Ashville will be a vibrant and friendly community, offering an enhanced quality of life achieved through planning, progress and collaboration.

It will be a welcoming place where people want to live and businesses prosper.

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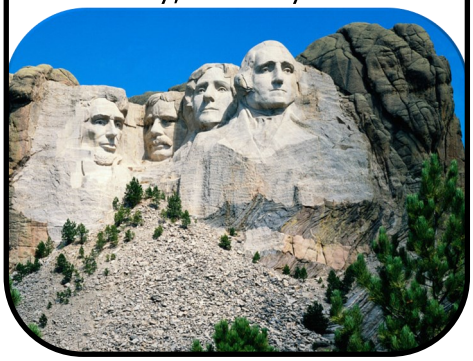
To find out more information go to www.ashvilleohio.gov

Reminder

The Village Office will be closed on February 15th for President's Day. We will re-open on February 16th at 8:00 am. Trash & Recycle Pick-up will be on Monday, February 15th.



Renewal of Alarm Permits go to: www.ashvilleohio.gov Go to Village Departments "Police" This is due the beginning of each year.

Free Vaccination Transportation

The week of 1/18 Pickaway County Public Health and other providers will begin giving the COVID-19 vaccine to residents 80 and above. Supplies are limited, visit www.pickawaycountypublichealth.org to register for your vaccination today.

For a free ride to your appointment, please call:
PICCA Transportation 740-474-8835 to schedule.

Transportation sponsored by the Savings Bank!

A New Mayor's Court Schedule for 2021

Court is held the 1st & 3rd Wednesday of the month at 9:00 a.m.

January 6	May 5	September 1
January 20	May 19	September 15
February 3	June 2	October 6
February 17	June 16	October 20
March 3	July 7	November 3
March 17	July 21	November 17
April 7	August 4	December 1
April 21	August 18	December 15

Magistrate
Brian M. Garvine

2020 Water Department Monthly and Annual Report

This report supplies data on plant operation, activity, quality of water, and the distribution system. It also provide financial information on the cost to operate the system and the revenue collected, see bottom spreadsheet. The difference between expenses and revenue provide operational margin. That margin is two months plus a Fund Balance of $256,899.

Description - Facility	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	YTD Total	Projected	Ave	Mean
Total Gallons Raw Water Pumped MPM:	19.045	16.768	17.987	16.211	17.416	17.81	18.255	17.459	16.197	15.017	14.945	15.54	202.65	202.65	16.89	17.092
Total Gallons TreatedMPM:	16.693	14.627	15.491	14.203	15.293	15.86	16.07	15.54	14.382	13.288	13.17	13.634	178.251	178.251	14.85	14.96
Total Water MPM Billed Customers 1492	7.749	7.139	2.823	6.788	8.021	7.857	8.566	8.001	8.628	7.387	7.025	6.703	86.687	86.11418182	7.18	7.387
Total Gallons to Waste MPM:	2.352	2.141	2.496	2.008	2.123	1.95	2.185	1.92	1.815	1.729	1.775	1.906	24.4	24.4	2.03	1.979
Average Daily Treated Water:	0.539	0.578	0.499	0.473	0.493	0.528	0.518	0.501	0.54	0.429	0.439	0.44	5.977	5.977	0.50	0.5
Total Chlorine Used: (disinfection)	433	439	399	457	416	421	400	445	443	395	378	321	4947	4947	412.25	418.5
Average Chlorine used/day GPD:	14	15	13	15	13	14	13	15	15	13	12.6	10	162.6	162.6	13.55	13.5
Average Chlorine Residual mg/l:	0.97	0.6	0.53	0.38	0.29	0.48	0.38	0.54	0.25	0.53	0.34	0.61	5.9	5.9	0.49	0.505
Total Salt used Tons:	23.28	0	22.38	22.71	0	24.07	24.5	0	19.33	0	25.36	0	161.63	161.63	13.47	20.855
Percentage between Treated & Billed	51.95%	51.19%	81.78%	52.21%	47.55%	50.46%	46.70%	48.51%	40.01%	44.41%	46.66%	50.84%	51.37%	51.69%	51.02%	49.49%

Description - Water Analysis	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ave	Mean
Average Iron Concentration mg/l:	0.13	0.15	0.17	0.29	0.21	0.38	0.18	0.16	0.16	0.26	0.04	0.17	0.19	0.17
Average Manganese Concentration mg/l:	0.002	0.001	0.002	0.002	0.02	0.03	0.04	0.01	0.02	0.03	0	0.03	0.02	0.015
Average Hardness Concentration mg/l:	276	263	276	331	289	265	369	326	205	287	270	260	284.75	276
Average Chlorine Residual mg/l:	0.4	0.39	0.46	0.33	0.23	0.3	0.29	0.37	0.26	0.3	0.39	0.57	0.36	0.35

Description - Work-order & Activity	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	YTD Total	Projected	Ave	Mean
• Meter Work-order & Activity																
Meters Installed (Radio Read):	4	6	3	0	3	4	4	22	8	3	10	11	78	78.000	6.50	4
Meter & Tap Inspections (Checks)	4	2	0	2	1	0	0	3	0	6	0	3	21	21.000	1.75	1.5
Final Reads:	5	3	8	9	11	10	6	13	12	18	12	5	112	112.000	9.33	9.5
Meter Reread:	3	5	4	2	3	10	10	10	8	11	14	7	87	87.000	7.25	7.5
Sub-Totals	16	16	15	13	18	24	20	48	28	38	36	26	298	298.000	24.833	22.5
• Service Work-order & Activity																
Monthly Water Shut-offs Notice:	120	98	0	0	0	0	0	93	89	0	126	98	624	624.000	52.00	44.5
Water Shut-offs:	2	10	0	0	0	0	0	5	0	1	1	5	24	24.000	2.00	0.5
Water Turn On's reconnection:	0	0	1	1	0	0	0		0	0	0	0	2	2.182	0.18	0
Customer Service - Check for Leaks & Repair:	3	6	3	0	2	1	2	4	1	3	2	3	30	30.000	2.50	2.5
Curb Box/Pit Repair and/or Replace/Check Valve:	1	1	1	0	1	0	0	4	0	0	3	1	12	12.000	1.00	1
Customer Service - Miscellaneous	1	3	3	3	1	3	0	0	2	4	4	1	25	25.000	2.08	2.5
Sub-Totals	127	118	8	4	4	4	2	106	92	8	136	108	717	717.182	59.765	51
• Miscellaneous Work-order & Activity																
Line Locates including OUPS:	14	48	21	47	59	51	26	41	38	0	41	11	397	397.000	33.08	39.5
Water Line Repairs & Breaks:	0	0	1	0	0	0	2	0	0	1	2	3	9	9.000	0.75	0
Sub-Totals	14	48	22	47	59	51	28	41	38	1	43	14	406	406.000	33.833	39.5
Total Number Completed:	157	182	45	64	81	79	50	195	158	47	215	148	1421	1421.182	118.432	113

Description	Jan	Feb	Mar	April	May	June	July	Aug	Sep	Oct	Nov	Dec	YTD Total	Projected	Budget	Ave	Mean
Water Division Tank Revenue	$1,995.26	$2,601.64	$2,141.19	$2,182.13	$1,925.63	$2,292.20	$2,064.51	$2,609.79	$2,129.20	$2,352.57	$2,184.20		$24,478.32	$26,703.62	$15,000.00	$2,225.30	$2,182.13
Water Division Total Revenue	$31,554.46	$36,977.52	$34,965.43	$37,021.82	$32,547.07	$38,835.29	$34,728.78	$42,985.36	$35,351.96	$40,440.32	$42,327.03		$407,735.04	$444,801.86	$405,558.00	$37,066.82	$36,977.52
Water Division Expenses	$34,321.78	$24,948.97	$61,336.40	$28,595.47	$30,422.34	$30,478.76	$19,751.02	$21,569.73	$27,965.66	$35,595.87	$33,737.98		$348,723.98	$380,426.16	$662,205.00	$31,702.18	$30,422.34
Water Division Utility Expense	$4,088.72	$3,957.11	$3,598.68	$3,765.53	$3,242.23	$3,342.29	$3,211.86	$867.69	$2,525.50	$2,855.94	$3,207.15		$34,662.70	$37,813.85	$37,612.00	$3,151.15	$3,242.23
Water Balance	($2,767.32)	$12,028.55	($26,370.97)	$8,426.35	$2,124.73	$8,356.53	$14,977.76	$21,415.63	$7,386.30	$4,844.45	$8,589.05		$59,011.06	$64,375.70	($256,647.00)	$5,364.64	$8,356.53