



2023 Wastewater Annual Report





Residents of Briar Chapel,

We had a very positive year, and much has occurred in 2023. We are expecting no less for the year to come!

The wastewater treatment plant continues to operate within permit standards. We continue to monitor and improve in many areas around the plant. The major portion of construction is complete and are working with the general contractor to finalize a few punch list items so the construction yard can be cleared. The new odor control system continues to operate without issue. Much time has been spent this year learning the equipment and performing ongoing maintenance to ensure proper operations.

The collection system is also improving and will have several new installations that may not be seen but will drastically help us in our maintenance and monitoring of the overall system.

The package H reclaimed irrigation expansion in Encore and Western Pond area is implemented and provided valuable learning experiences over the year. We have reduced the spraying in a few key areas to avoid issues. We continue to improve the spray times and monitor the system periodically. Our operators are out in the system working constantly to repair and improve where they can.

The issues with the NOV's for the year 2022 have been resolved. The state's NEW monitoring system inaccurately flagged our system with 7 days a week visitation violation with no consideration for holidays. We are only permitted to visit for 5 days a week, except for holidays.

We ask for your continued efforts in eliminating fats, oils and grease from the wastewater system. They are harmful to your pipes and can cause sewage backups or overflows, both in your home and in the community. We have attached a Grease Goblin flyer to this report. You will see more information from them in the coming months.



In closing, Old North State Water Company is 100% committed to providing the Briar Chapel community with a safe and reliable wastewater system. If there are any issues or you need to reach us, don't hesitate. Our customer service department is available to assist at:

1-877-511-2911

or

info@onswc.com

Sincerely and thank you,

Old North State Water Company, LLC

Collections system bypass

September 5th, 2023 – 10,200 gallons were lost due to a pipe failure in the air relief valve behind 90 Old Piedmont Circle. NCDEQ was notified, the area was contained and cleaned up, and a 5-day report was submitted.

Reclaimed water bypass

February 6th, 2023 – an estimated 50,000 gallons was lost from our irrigation system due to a damaged fitting for a spray head. An estimated 15,000 hit Poke Berry Creek. The NCDEQ was notified, and a 5-Day report was submitted.

March 22nd, 2023 – During startup and testing of the system, it was discovered that a 2-inch line had been compromised. An estimated 3,000 gallons were lost. The NCDEQ was notified, and a 5-Day report was submitted.

July 26th, 2023 – An estimated 28,800 gallons were lost due to a sample valve being opened. 11,520 gallons is estimated to have reached Pokeberry Creek. The NCDEQ was notified, and a 5-Day report was submitted.

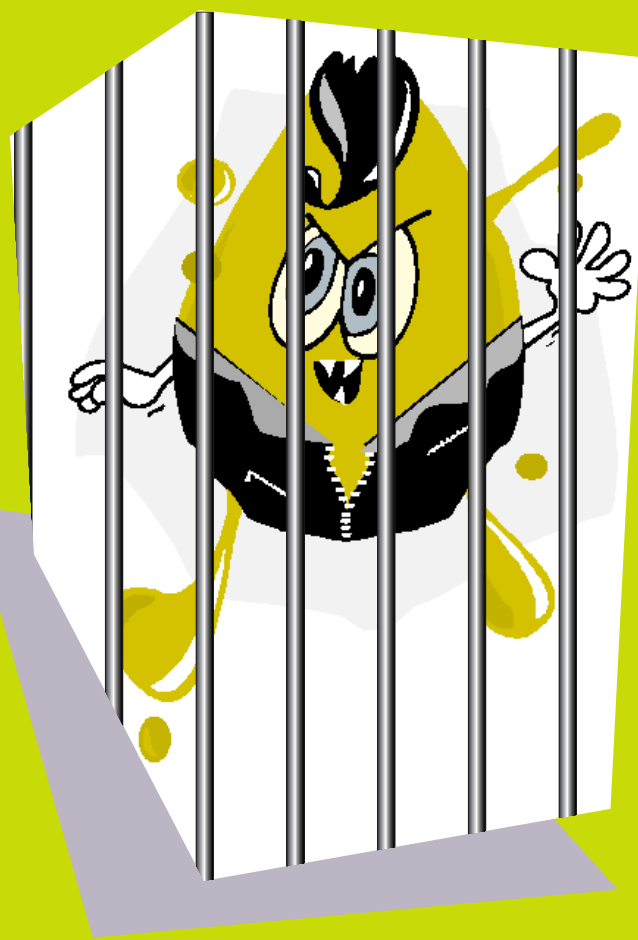
August 3rd, 2023 – Due to a failed solenoid in one of our spray zones, we lost an estimated 17,280 gallons near 369 Birch Hollow Road. The NCDEQ was notified, and a 5-Day report was submitted.

August 4th, 2023 – We had a PVC fitting fail in the irrigation system causing a loss of 3600 gallons near 374 Middleton Pl. It is estimated that the full amount made it to the retention pond. The NCDEQ was notified, and a 5-Day report was submitted.

August 24th, 2023 – A 1-inch PVC pipe burst allowing a loss of 16,920 gallons. The NCDEQ was notified, and a 5-Day report was submitted.

September 25th, 2023 – A pipe burst while trying to start up the irrigation system from a shutdown. An estimated 36,000 gallons were lost off N. Rosebanks Drive with 7,200 entering Poke Berry Creek.

WANTED: YOUR DRAIN'S WORST ENEMY

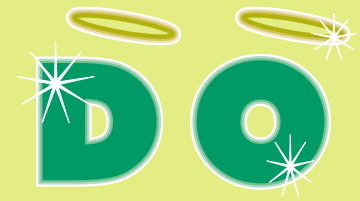


**The
Grease
Goblin**

**LAST SEEN
Loitering in Sinks
and Drains**

**WANTED FOR
Causing Sewer Overflows**

Don't Feed the Grease Goblin!



✓ Put oil and grease in collection containers

⊘ Pour oil and grease down drains

✓ Remove oil and grease from kitchen utensils, equipment, and food preparation areas with scrapers/towels/brooms

⊘ Wash fryers/griddles, pots/pans, and plates with water until oil and grease are removed

✓ Keep grease out of wash water

⊘ Use hot water to rinse grease off surfaces

✓ Place food scraps in collection containers

⊘ Put food scraps down drains

Help keep this guy out of your drains and in the hands of the proper authorities!

