

# Customer Information

April, May and June 2023



Office Hours: 8:00 a.m. to 5:00 p.m.  
Monday through Friday

Customer Service: 203-949-2660  
Emergency After Hours: 203-265-5055

377 South Cherry Street  
Wallingford, CT 06492

## Wastewater Treatment Plant

### Anaerobic Basin

Anaerobic wastewater treatment is a biological process where microorganisms degrade organic contaminants in the absence of oxygen, thereby significantly reducing chemical usage downstream for additional nutrient removal.

Wastewater enters the Anaerobic Basin (AB) which contains anaerobic microorganisms, or “anaerobes”, which digest the biodegradable matter present in the wastewater, without the use of any chemical treatment. Thus, resulting in an effluent quality with lower biological oxygen demand (BOD), chemical oxygen demand (COD), the total suspended solids (TSS) and vastly improved nutrient removal.

The overall exterior dimensions of the basin are (L x W x H) is 123'-4" x 44'-10" x 19'-6" with interior dimensions of 120'-0" x 41'-2" x 17'-6". The thickness of the floor slab is 2'-0". The normal water height inside the tank is 10'-0". The volume of the tank is 647,000 gallons with a flow rate of an average of 5.5 MGD and 27 MGD at peak.



To view 2022's Water Quality Report please visit:

[www.wallingfordct.gov/wwd.wq.ccr.2022](http://www.wallingfordct.gov/wwd.wq.ccr.2022)

If you would like a hardcopy please call our office.

# Penelope's Corner

## Rainbow Jar Experiment

### You will need:

A jar, six glasses, sugar, water and food coloring

1. Pour water up to an equal level in all six glasses and put different food color in each glass.
2. Add different amounts of sugar to each glass (i.e. Glass 1 - no sugar, Glass 2 - 2 tbs. of sugar, Glass 3 - 4 tbs. etc.)
3. Wait for the sugar to dissolve then use a water dropper to transfer the colored water into the empty jar.

Due to the different density levels of water, colored water will form separate layers in the jar, making it look like a rainbow.

For more educational and fun activities visit:

<https://www.splashlearn.com/blog/kids-science-experiments-to-make-learning-engaging>



## Historical Fact

In 1932, the Muddy River Schoolhouse was given to a nearby Farmer who moved it to his farm on Williams Road to make way for the dredging of the MacKenzie reservoir. In 1998, it was disassembled and donated to the Wallingford Historic Preservation Trust.

Picture provided by Carol Bryner, circa 1923.



## Water Conservation Tip

### Opportune times to water your lawn.

Water generally evaporates most rapidly between 10 a.m. and 4 p.m. Restrict watering to before or after those times and you'll likely use less.

## Annual Flushing Program

There are 19 Zones that are flushed annually. Flushing of one zone normally takes about a week, weather permitting, unless it is stated otherwise in the notice.

A notice is posted in the Record-Journal usually at the beginning of the week flushing is to be performed. You may also obtain this information by calling the Water Division office or by watching Government Access Cable Channel 20.



## Payment Locations:

**Tax Office Room 209**  
Wallingford Town Hall  
45 South Main Street  
9:00 a.m. - 4:15 p.m.

**Drop Box**  
Wallingford Town Hall  
Adjacent to Prince Street entrance

**Water and Sewer Divisions**  
377 South Cherry Street  
8:00 a.m. - 5:00 p.m.

Please note, if paying online at [www.officialpayments.com](http://www.officialpayments.com) the service fee has increased to \$9.14 per \$500 transaction.