

## Wastewater Treatment Plant Protocols

Please remember that the WWTP's are doing us a favor by analyzing the samples. Please follow the protocols below to make the Treatment Plant's work easier and the results more reliable.

### CITY OF MT. CLEMENS WWTP

Chuck Bellmore, Superintendent  
Mark Houle, Lab Director  
1750 Clara  
Mt. Clemens, MI 48043  
Ph: 810-469-6889  
Fax: 810-469-7698

Use **ONLY** the bottles prepared by the WWTP (one for fecal coliform, one for all others).

Mark will show you the coliform sampling procedures. **CALL** Mark to set-up an appointment. His normal hours are 7:00 AM – 3:00 PM, but has offered to stay later if necessary. The prepped bottles will last indefinitely, so they may be picked-up at any time.

Rinse the phosphorus / dissolved solids bottle once with river water (do **NOT** rinse the coliform bottle).

Label the bottle with school name, contact person and phone number, and water quality tests to be run.

Complete the "Chain of Custody" paperwork and keep it with your samples.

Submit samples either before 11:00 AM or 2:00PM so the lab is not overwhelmed.

Tests completed by the Mt. Clemens WWTP:

*E. coli* (colonies / 100mL)  
fecal coliform (colonies / 100mL)  
total phosphorus (as P) (mg/L)  
total suspended (dissolved) solids (mg/L)

### CITY OF PONTIAC WWTP

Thomas Williams, Chemist / IPP Coordinator  
155 N. Opdyke Road  
Pontiac, MI 48342  
Ph: 248-857-5695  
Fax: 248-857-5697

A 1-L pop bottle may be used to collect sample. Wash bottle with a phosphate-free detergent and rinse well. Rinse bottle with a weak bleach solution (a splash of bleach should do it) and then rinse very well. Before collecting sample, rinse bottle at least three times with river water.

Business hours are 7:30 AM – 3:00 PM, but samples **must** be submitted before 12:00 PM.

Label the bottles with school name, contact person and phone number, and water quality tests to be run.

Complete the “Chain of Custody” paperwork and keep it with your samples.

Tests completed by the Pontiac WWTP:

fecal coliform (colonies / 100mL)  
total phosphorus (as P) (mg/L)  
total suspended (dissolved) solids (mg/L)

## **VILLAGE OF ROMEO WWTP**

Jerry Hood, Superintendent  
121 West St. Clair  
Romeo, MI 48065  
Ph: 810-752-9321  
Fax: 810-752-5205

You may use your own bottles to collect the samples (at least 100 mL).

Two bottles are needed:

one plastic or glass bottle for fecal coliform and total suspended solids  
one glass bottle for phosphate

Wash bottles with a phosphate-free detergent and rinse well. Rinse the bottle with a weak bleach solution (a small splash of bleach should do it) and then rinse very well. Before collecting the sample, rinse bottle at least three times with river water.

For the phosphate test, use a glass container and follow the above procedure. Complete the cleaning process by rinsing the bottle 3 times with a 10% hydrochloric acid solution. Before collecting the sample, rinse bottle at least three times with river water.

Label each bottle with school name, contact person and phone number, and water quality tests to be run.

Complete the “Chain of Custody” paperwork and keep it with your samples.

Tests completed by the Romeo WWTP:

fecal coliform (colonies / 100mL)  
total phosphorus (as P) (mg/L)  
total suspended (dissolved) solids (mg/L)

## **CITY OF WARREN WWTP**

### **Dave Monette, Superintendent**

Kuti Mathew, Lab Director  
32360 Warkop Ave.  
Warren, MI 48093  
Ph: 810-264-2530  
Fax: 810-264-3594

Use **ONLY** the bottles prepared by the WWTP.

Inform the WWTP if you will be keeping your phosphate sample overnight. The lab will prepare your bottle with a preservative.

Rinse the phosphorus / dissolved solids bottle once with river water (do **NOT** rinse the coliform bottle).

Label the bottle with school name, contact person and phone number, and water quality tests to be run.

Complete the “Chain of Custody” paperwork and keep it with your samples.

Tests completed by the Warren WWTP:

fecal coliform (colonies / 100mL)  
total phosphorus (as P) (mg/L)  
total suspended (dissolved) solids (mg/L)