



Cobb County Water System Partner in Education

Goal

As a Partner (At Large) in Education, our commitment is to introduce our young people to the Water System's functions, services and role in preserving one of nature's most valuable resources, water. This learning experience will help develop awareness important to the protection of water resources for future generations.

Programs

Tours of Water System facilities are available for elementary, middle, high school, home schooled, and college students and scouts. The tour group size will be limited to approximately 30 students accompanied by an appropriate number of adult chaperones. With advanced preparation, slightly large groups may be accommodated at some facilities. Tours will last approximately 45 to 60 minutes. Unfortunately, unforeseen emergencies may require the tour to be cancelled. Should an emergency arise (i.e. inclement weather, operations emergency), the plant/laboratory Superintendent or Communications Manger will notify the group as soon as possible.

Tours of Water Reclamation Facilities

Noonday Creek Water Reclamation Facility

415 Shallowford Road
Kennesaw, GA 30144

Newly expanded plant serving Northeast Cobb County. Students will learn visually how a wastewater treatment plant works and how cleansed wastewater is recycled back into our rivers and streams.

Northwest Cobb Water Reclamation Facility

3740 Highway 293
Kennesaw, GA 30144

This plant has one of the most automated process systems in the country. It reclaims water to provide for irrigation at the Cobblestone Golf Course and the Acworth Sports Complex. The first in the country to use ultraviolet light to disinfect the wastewater that is ultimately returned to Lake Allatoona.

R.L. Sutton Water Reclamation Facility

5175 S. Atlanta Road
Smyrna, GA 30080

The Chattahoochee Tunnel intercepts with this plant. Also featured is an instructional lobby display, DVD presentation, and interactive photo gallery of the wastewater treatment process.

South Cobb Water Reclamation Facility

490 Lee Industrial Blvd.
Austell, GA 30168

This facility provides treatment for wastewater from the southern and western portions of Cobb County. The plant is currently being upgraded to include an enhanced treatment process. The new South Cobb Tunnel under construction will intercept with this plant.

Tours of Water Quality Laboratory

662 South Cobb Drive
Marietta, GA 30060

2004 and 2007 Water Quality Plant of the year awarded by the Georgia Association of Water Professionals. Students will have hands-on opportunity to do an experiment with chemists of the lab.



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Learning Materials

Lesson Plans on water conservation are available for teachers to amend and use in the classroom. Supporting materials for these lesson plans can also be obtained from the Water System's Communications Unit. For ease of use, these lesson plans have been written to the Georgia Professional Standards and can be adopted for several grade levels. Staff is available to visit the school and direct the lesson plan by appointment.

Enviroscape® model is available on a loan-out basis to teachers and educators for use with any student group. A lesson plan explaining non-point source pollution and an instruction manual are available when this model is checked out. This model also may be demonstrated and discussed during a presentation by an agency speaker.

Student Packets available for tours and school or student group presentations (depending on age) can include: water or wastewater activity book, crayons, water system logo pencil, waterwise stickers and posters.

Parent/Teacher Information brochures on wastewater treatment, water conservation, pollution prevention, Adopt-A-Stream, environmental compliance, Cobb Water System and Water Quality Laboratory are also available. *The Water Source Books* and *Go With the Flow* on CD, *Earth Cafe* and *Whaddya Know About H2O* on DVD, and *Down the Drain* - VHS are available on a loan-out basis.

Speakers are available to address student groups on a variety of water system programs and general water issues by appointment. Programs include a general discussion on the water cycle - wastewater treatment, water conservation, pollution prevention, stormwater and watershed management. Adopt-A-Stream, environmental monitoring issues, and non-point source pollution.

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