

Chemistry II Goes to Plant Wansley

By Alex Lipford
Staff Writer

On February 10, the Chemistry II class at Heard County High School participated in a job shadow day at Plant Wansley. The Chemistry II class has nine students, and is being offered for the first time. Ed Brown, chair of the science department, teaches the course. In order for the class to be able to participate in this job shadow day, Brown had to put in extra time setting up the date for the shadow day and planning out many of

the details of the trip.

After all the students arrived at Plant Wansley, they were escorted in the facility by Brown and Wansley employee Mal Milam. Once in the plant, the students were shown an interesting presentation about what exactly Plant Wansley does and how they do it. After the presentation, they were split up into three groups of three. Each of the groups was assigned to an employee to follow around different areas of the plant.

One of the areas that the students were shown was the water treatment plant. The students learned that at the water treatment plant, Wansley brings in water from its own reservoir and first uses chemicals to make most of the particulates in the water settle out of the water. After that, the water passes through a series of resins that remove all the remaining positively and negatively charged ions from the water molecules. They learned that this process is crucial to operations at Plant Wansley as all of the particulates and ions

that get filtered out of the water could seriously damage the turbines.

The next area that the students toured was the generating plant. While in the generating plant, the students were shown many important aspects of the plant. One of those aspects was the main control room for the power turbines. They were also shown where the coal gets grinded into a fine power, and then they were taken to the roof of the plant where they could see the old smokestack and get a bird's eye view

of the entire facility.

After lunch, the job shadow resumed with a tour of the new scrubber that is currently being installed. The students learned that the scrubber takes the pollution produced by burning coal and converts it into carbon dioxide and gypsum. The new scrubber will greatly reduce the amount of pollution that Plant Wansley produces. They were also taken on a tour of the construction area and into Wansley's new smokestack.



MAIN STREET DINER

598 MAIN STREET
FRANKLIN, GA 30217

SERVING: PIZZA, HOT WINGS,
HAMBURGERS, AND
HOTDOGS
NOW SERVING BREAKFAST-
5AM



FRANKLIN POLICE

DEPARTMENT

118 DAVIS STREET / POST OFFICE BOX 250
FRANKLIN, GEORGIA 30217-0250

Office # (706)675-6624

Fax # (706)675-8736

www.franklingapolice.com

KEVIN HANNAH, Chief of Police

