

MEETING ANNOUNCEMENT



MEETING DATE: March 19, 2010

Pat Mandes, President

**HOST: Birdsboro Municipal Authority
Birdsboro Waste Water Treatment Plant**
Armorcast Drive Birdsboro, PA 19508
Birdsboro Municipal Authority

Registration Deadline is Friday, March 5, 2010

9:00am to 11:30am – Tour the Facility and Visit the Vendors

The Birdsboro Wastewater Treatment Plant treats sewage from the borough of Birdsboro and a portion of Union Township. Most of the flow from the borough is conveyed to the treatment plant by a gravity collection system. There are two small pump stations in the system.

The treatment plant was originally constructed in 1961 and upgraded in 1977, and again in 2007-2008. The current plant has a permitted design capacity of 1.35 MGD. The major treatment steps in the plant include grit removal in an aerated grit chamber, coarse solids removal in a mechanically cleaned bar screen, primary sedimentation in four rectangular settling tanks, carbonaceous BOD removal and nitrification in a Vertical Loop Reactor, which is an oxidation ditch turned on its side, final settling in two circular clarifiers, disinfection using chlorine gas, dechlorination using sodium bisulfate and post aeration.

Primary sludge is wasted to the aerobic digesters. Secondary sludge is recirculated back to the VLRs and wasted either directly to the aerobic digesters or to the primary settling tanks. Digested sludge is dewatered in a centrifuge prior to landfill disposal.

The continental breakfast at the Plant will be sponsored by **Entech Engineering Inc.**

10:00am to 11:00 am – Mini-Training Session

The mini-training of the day “Energy Savings at Your Waste Water Treatment Plant” will be presented by a staff member of Spotts, Stevens and McCoy.

11:00am to 12:15pm – Registration will be at the Birdsboro Fire Company at 214 West 1st Street, Birdsboro, PA 19508

12:15pm – Lunch, catered by Wegman’s, will be a buffet including Baked Ham, a Vegetarian Pasta Dish, Mashed Potatoes, String Beans Almondine, Baby Glazed Carrots, Assorted Pies and Tea & Coffee.

The education presentation of the day “Design, Construction, and Operational considerations for the Vertical Loop Reactor at the Birdsboro Municipal Authority’s Waste Water Treatment Plant” will be presented by Spotts, Stevens and McCoy.

A Business Meeting will follow.

The Mailing Sponsors for this Meeting are:

DynaTech Power and Riordan Materials Corporation

Please remember the sponsoring companies when purchasing products and services.

Meeting Fee(s) for the Birdsboro Waste Water Treatment Plant Meeting are:

Pre-registration for the meeting is \$19.00

Registration at the door for the meeting only (if available) \$25.00 (starting at 12:00pm)

Note: Please see the other side for important information on the plant tours contact hour availability.

----- **CLIP & MAIL WITH PAYMENT** -----

BIRDSBORO WASTE WATER PLANT REGISTRATION FORM

Registration must be received in the Association Office by Friday, March 6, 2010

Copy as needed – Please type or print legibly

Make check payable to and mail to: EPWPCOA, Inc.

**244 Mountain Top Road
Reinholds, PA 17569-9077**

Name _____, _____, _____ Employer _____

Last

First

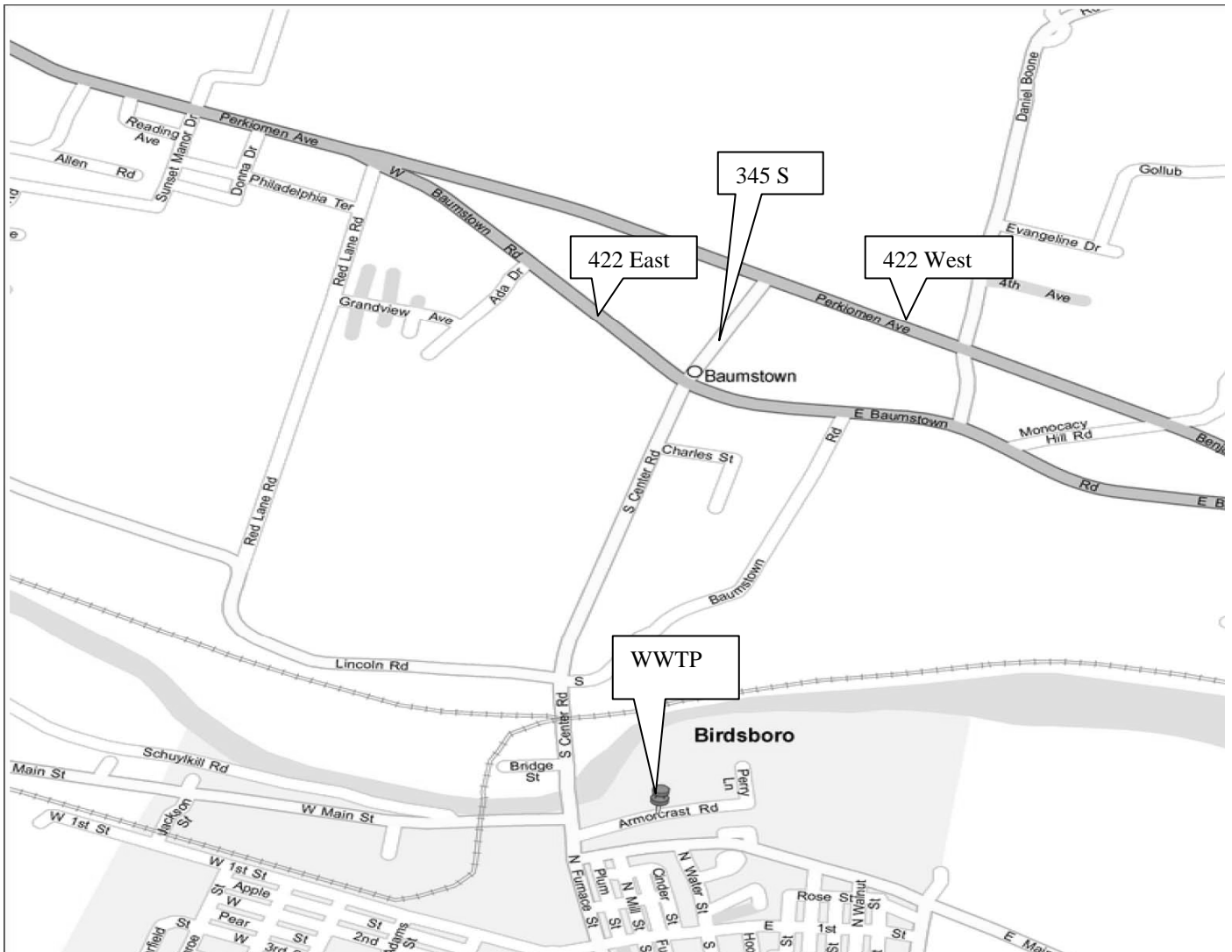
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If you would like to pay by credit card please complete and submit the information card received with this mailing or on a separate sheet of paper.

Birdsboro Waste Water Treatment Plant

Armorcast Drive Birdsboro, PA 19508

(Note in my GPS it came up 300 Armorcrast)



From the South or East: Take Route 422 West past the “Y” where it splits. Turn left onto South Center Road (345 S). Go straight. You will cross 422 East and a bridge. Right after the bridge you will get to a traffic light. Go through the light and just as you get through the intersection make a left onto Armorcast. It is a wide concrete driveway between the Matthew Brooke office building and a Chinese Restaurant.

From the North: Take 100 South to Route 422 East. Follow 422 East through Exeter and past the “Y” where it splits. At the light at the landfill turn right onto South Center Road (345 S). Right after the bridge you will get to a traffic light. Go through the light and just as you get through the intersection make a left onto Armorcast. It is a wide concrete driveway between the Matthew Brooke office building and a Chinese Restaurant.

From the West: Route 422 East. Follow 422 East through Exeter and past the “Y” where it splits. At the light at the landfill turn right onto South Center Road (345 S). Right after the bridge you will get to a traffic light. Go through the light and just as you get through the intersection make a left onto Armorcast. It is a wide concrete driveway between the Matthew Brooke office building and a Chinese Restaurant. **Note:** You can also take 724 East through Gibraltar. When you get to the “T” in Birdsboro Armorcast will be almost directly across the intersection so you need to turn right at the light and then immediately left onto Armorcast.

From the PA Turnpike: Take the PA Turnpike East to the Morgantown Exit, follow 176N to 422 East and stay on 422 East through Exeter and past the “Y” where it splits. At the light at the landfill turn right onto South Center Road (345 S). Right after the bridge you will get to a traffic light. Go through the light and just as you get through the intersection make a left onto Armorcast. It is a wide concrete driveway between the Matthew Brooke office building and a Chinese Restaurant.

Directions from the Waste Treatment Plant to the Birdsboro Fire Company

From Armorcast Drive turn left onto North Furnace Street. (North Furnace was South Center when you came into Birdsboro. It changes names) Drive for 0.2 miles and turn right onto West 1st Street. Drive for 0.1 miles. The Fire Company is on the left.

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Contact Hour Information

The PADEP will not approving any “wastewater only” events in the near future; therefore, there will be no contact hours available for the Plant Tours in 2010.

When PADEP wastewater conference/course approval resumes we will submit events for review and hopefully we will be able to again offer the contact hour for our Plant Tours.

Additional information on this topic is included in the annual 2010 EPWPCOA Newsletter.