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E. WADE SHOWS
Parish Attorney

October 17, 2007

Mr. Michael T. Donnellan
U. S. Dept. of Justice
P.O. Box 7611
Washington, DC 20044-7611

Ms. Mona Bates 6EN-WM
U.S. EPA - REGION 6
1445 Ross Avenue, Suite 1200
Dallas, TX 75202-2733

Mr. Ted R. Broyles, II
La. Dept. of Environmental Quality
602 N. Fifth Street
Baton Rouge, LA 70802

Re: Submittal of East Baton Rouge Parish Memo:
"South Wastewater Treatment Plant Summary of Immediate Action Plan Projects"

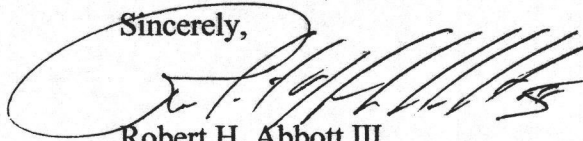
Dear Sirs and Madame:

Enclosed please find a hard copy of the memo prepared at your request following our telephone conference of October 12, 2007. The memo details the five projects that our consultants believe will bring us into daily compliance with effluent limits for the South Wastewater Treatment Plant during dry conditions or moderate rain conditions. As you can see, the last projects are scheduled to be completed by the end of August, 2009. We should then be in a position to judge plant performance over the next three to four months. It is my understanding that this information will be used to determine if adjustments need to be made in interim limits and the schedule should be included in the modified consent decree.

We are preparing a list of the 1st RMAP projects that have not been completed by the deadline due to the hurricanes and the change from the deep tunnel program. We will submit a modified schedule for the completion of these projects. It is my understanding that modifications to the schedule do not need court approval and can be done by consent of the parties.

If there are any questions or concerns please contact us as soon as possible. If there is any additional information you need at this time, please contact me as soon as possible.

Sincerely,

A handwritten signature in black ink, appearing to read "R. H. Abbott III", written over a large, loopy oval scribble.

Robert H. Abbott III
Special Asst. Parish Attorney

DOJ 1 copy
EPA 3 copies
DEQ 2 copies

cc: Pete Newkirk; Bryan Harmon; Mark LeBlanc; Rick Wright
Walter Monsour

South Wastewater Treatment Plant Summary of Immediate Action Plan Projects

Background

The City of Baton Rouge/Parish of East Baton Rouge (C-P), Louisiana, Department of Public Works (DPW) owns and operates the South Wastewater Treatment Plant (SWWTP). The SWWTP is presently required to maintain a 30-mg TSS/L and 30-mg BOD/L monthly average and 45-mg TSS/L and 45-mg BOD/L weekly average discharge standard.

The SWWTP is configured in two process trains which are generally referred to as the "gravity train" and the "force main train." Each of these trains provides pretreatment (i.e. screening and grit removal), primary settling, secondary treatment consisting of trickling filters and final settling tanks, and effluent disinfection. Treated effluent is discharged to the Mississippi River.

The SWWTP is a 120 mgd peak flow secondary treatment plant. The plant is in need of modifications to improve operational and mechanical reliability in order to ensure consistent compliance with the plant's effluent discharge permit limits.

The following five projects were identified as Immediate Action Plan (IAP) projects meant to aid the South WWTP in meeting the aforementioned NPDES permit limits:

Project Information

Project Name: IAP #1 - South Wastewater Treatment Plant Screening Improvements

Project Number: 06-WT-TP-0059

Project Description: The project consists of screening improvements to the gravity side of the SWWTP. The existing bar screens on the gravity side of the plant are frequently out of service due to mechanical failure. Out of service bar screens result in reduced preliminary treatment and allows rags and other large material to accumulate in downstream treatment facilities, such as primary settling tanks, leading to process mechanical equipment failure in the downstream processes.

Design Schedule: 07/07 to 04/08

Bid Schedule: 04/08 to 07/08

Construction Schedule: 07/08 to 05/09

Project Name: IAP #2 - South Wastewater Treatment Plant Primary Treatment Improvements

Project Number: 06-WT-TP-0060

Project Description: The purpose of this project is to improve primary treatment at the SWWTP by utilizing chemically enhanced primary treatment to reduce loadings to the trickling filter process. Improvements will also include the repair and/or replacement of clarifier mechanisms and components, replacement of existing sludge pumps, and the replacement of inlet plug valves on clarifiers 1, 2, 3, and 4. The project will provide for flow control/flow measurement improvements at multiple splitter boxes on the gravity side of the plant by installing weir gate electric actuators and level elements for flow measurement. The project will connect the actuators and level elements to the plant SCADA system to allow monitoring and control of the flow splits to provide remote control capabilities.

Design Schedule: 07/07 to 06/08

Bid Schedule: 06/08 to 09/08

Construction Schedule: 09/08 to 07/09

Project Name: **IAP #3 – South Wastewater Treatment Plant Trickling Filter Improvements**

Project Number: 06-WT-TP-0061

Project Description: The project includes construction of a new recirculation pump station to maintain proper wetting rates on the trickling filters. The new recirculation pumping station will require a flow rate between 20 to 100 million gallons per day (mgd). In addition to the new recirculation pump station, hydraulic and process improvements require that the two final settling tank complexes be interconnected with piping. The interconnection of the settling tank complexes allows for reception of trickling filter effluent from both the gravity and the force main sides of the plant

Design Schedule: 07/07 to 06/08

Bid Schedule: 06/08 to 09/08

Construction Schedule: 09/08 to 08/09

Project Name: **IAP #4 – South Wastewater Treatment Plant Effluent Pump Station Stabilization and Repairs**

Project Number: 06-WT-TP-0062

Project Description: The project includes the investigation, engineering, and construction services for pump station improvements at the SWWTP. Ground settlement has caused wiring, piping and pump operational problems

in the effluent pump station. Improvements are intended to improve operational reliability of the pump station.

Design Schedule: 10/07 to 06/08
Bid Schedule: 06/08 to 09/08
Construction Schedule: 09/08 to 03/09

Project Name: IAP #5 - South Wastewater Treatment Plant Sludge Handling Improvements

Project Number: 06-WT-TP-0063

Project Description: The project involves engineering, testing, and construction services for sludge handling improvements at the SWWTP. The recommended improvements for the sludge handling process include: replace gravity thickener mechanisms, rehabilitate sludge pump station, improve site grading in gravity thickener complexes, improve thickener overflow capabilities, snail shell screening improvements, final settling tank sludge withdrawal improvements, and belt filter press filtrate line improvements.

Design Schedule: 10/07 to 05/08
Bid Schedule: 05/08 to 08/08
Construction Schedule: 08/08 to 08/09