

FITZGERALD CREEK WPCP EXPANSION

CHEROKEE COUNTY, GEORGIA

OWNER

Cherokee County Water & Sewerage Authority
391 West Main Street
Canton, Georgia 30114
Contact: Danny Carson, Construction Coordinator
Telephone: 770-497-1813

ENGINEER

Post, Buckley, Schuh & Jernigan (PBS&J)
1800 Parkway Place SE, Suite 1200
Marietta, Georgia 30067
Contact: David Hatabian, P.E., Project Manager
Telephone: 770-422-1902

% SELF PERFORMED: ±80%



PROJECT

This project consisted of constructing a new Water Pollution Control Plant to serve Woodstock and southern Cherokee County, Georgia. The new plant was constructed while maintaining continuous operation of the existing 2 MGD Plant. The project involved development of a 39-acre site completely encompassing the existing 2 MGD Plant, which included approximately 300,000 cubic yards of site grading work. The plant facilities include several cast-in-place concrete treatment units consisting of approximately 38,000 cubic yards of concrete and over 4,000 tons of reinforcing steel. The treatment processes include a new Headworks Facility (fine screens, conveyors and swirl-type grit removal equipment with Odor Control System); two (2) Influent Equalization Basins with Jet Aeration Systems and separate Influent Rate of Flow Control Facility; a ±134,000 square foot Biological Treatment Facility (BTF) consisting of four (4) SBR Tanks and two (2) Aerobic Digesters with two (2) Flow Equalization Basins and a central Pipe Gallery; a second Rate of Flow Control Facility; Tertiary Treatment Facility (Rapid Mix Box, three (3) Flocculation Basins, three (3) Plate Settler/Sedimentation Basins and twelve (12) Upflow Tertiary Filter Cells); Parshall Flume/Ultraviolet Disinfection Facility and Step Aeration Facility. Other support type facilities include: a 17,000 square foot Chemical/Electrical/Blower Building; Air Compressor Building; Liquid Lime Feed Facility; Maintenance Building and Administration/Control Building. Additionally, all facilities include drains which flow to a 40-foot deep cast-in-place concrete Plant Drain Pump Station, which discharges to the influent side of the BTF.

Cherokee County Water & Sewerage Authority

November 6, 2008

Mr. Donny Breeding, President
3-D Enterprises Contracting Corporation
3257 Lochness Drive
Lexington, Kentucky 40517

Subject: 3-D Enterprises Contracting Corporation
Letter of Satisfaction
Cherokee County Water & Sewerage Authority
Fitzgerald Creek WPCP 6 MGD Expansion

Dear Mr. Breeding,

We have been very satisfied with the work performed by your company, 3-D Enterprises Contracting Corporation on the following contract:

Fitzgerald Creek Water Pollution Control Plant 6.0 MGD Expansion.
This job was substantially completed on time and under budget. The project is in the final closeout and warranty period. As you know, this is the largest single contract awarded by the Authority at almost \$52,000,000.

We have been very satisfied working with 3-D's Project Managers, Superintendents and Staff. The consistent quality of work and progress of the project is appreciated by the Staff. The Authority would welcome the opportunity to work with 3-D on future projects.

If you have any questions, please do not hesitate to call me.

Sincerely,

A handwritten signature in black ink that reads "Danny T. Carson". The signature is written in a cursive style.

Danny T. Carson
Construction Coordinator
Cherokee County Water & Sewerage Authority

CC: Don Myers, 3-D

P.O. Box 5000 – Canton, Georgia 30114 – 770-479-1813



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