

BOARD OF WATER AND SEWER COMMISSIONERS OF THE CITY OF SARALAND
**APPLICATION FOR ACCEPTANCE FOR
WASTEWATER FACILITIES**

I. General Information

1. Name of project served _____
2. Total area served, acres _____
3. Estimated start of construction _____
4. Estimated completion date _____

II. Applicant

I, the undersigned, am fully aware that the statements made in this application for approval of wastewater facilities are true, correct and complete to the best of my knowledge.

Mailing Address

Signature of Applicant

Telephone No.

Name and Title

Date

Representing

III. Engineer

This is to certify that this application has been prepared under my direction and the plans and specifications for these wastewater facilities have been designed by me and are in conformance with sound engineering practices.

Mailing Address

Signature of Engineer

Company Name

Name

Telephone Number

Alabama Registration No.

Date

IV. Critical Elevations

- A. Twenty-five (25) year flood _____
- B. Top of lowest manhole _____
- C. Invert of proposed pipe at existing manhole _____
- D. Invert of existing manhole _____
- E. Top of lift station structure _____

- F. Invert of influent line of lift station _____
- G. Pump on _____
- H. Pump off _____

V. Quantification of Design

A. FLOW

	No. of UNITS	FLOW/ UNIT (GPD)	ESTIMATED FLOW (GPD)
1. Single Family Dwelling	@		
2. Condominiums, Apartments	@		
3. Swimming Pools	@		
4. Motels	@		
5. School	@		
6. Commercial	@		
7. Industrial	@		
8. Other	@		

Average Daily Flow _____ GPD

Minimum Daily Flow _____ GPD

Peak Hourly Flow _____ GPM

Peak Daily Flow _____ MGD

Peaking Factor _____

B. GRAVITY SYSTEM

- 1. Pipe material _____
- 2. Pipe diameter (inches) _____
- 3. Minimum Slope (percentage) _____
- 4. Minimum depth of cover (feet) _____

C. FORCE MAIN SYSTEM

- 1. Force Main
 - a. Pipe material _____
 - b. Pipe diameter (inches) _____
 - c. Pipe velocity (cfs) _____

- d. Minimum depth of cover (feet) _____
- 2. Head
 - a. Static head (feet) _____
 - b. Friction head (feet) _____
 - c. Total dynamic head (feet) _____
- 3. Wet-Well
 - a. Volume, (cf) _____
 - b. Min. detention time at PHF (min) _____
 - c. Time between pumps on (min) _____
 - d. Ventilation present _____
- 4. Pumps
 - a. Pump manufacturer/Model No. _____
 - b. Type of pumps _____
 - c. Number of pumps _____
 - d. Pump capacity
 - No. 1 _____ GPM @ _____ TDH; _____ HP
 - No. 2 _____ GPM @ _____ TDH; _____ HP
 - e. Pump controller
 - Manufacturer/Model No. _____
 - f. SCADA
 - Manufacturer/Model No. _____
 - g. Equipment weight
 - pump, lbs. _____
 - motor, lbs. _____
 - h. Power service
 - Phase _____
 - Volts _____

- 5. Electrical
 - a. Electrical service manufacturer _____
 - b. Voltage _____
 - c. Phase _____
 - d. Automatic restart capability _____

VI. Required Submittals Attached with this Application Prior to Construction

- A. Drawings and Specifications _____
- B. Site plan _____
- C. Calculations _____
- D. Pump curves _____
- E. Building blueprints, if applicable _____
- F. Permanent Easement Descriptions, if applicable
 - 1. Sanitary Sewer Mains (Minimum 20 ft. width) _____
 - 2. Pumping Stations (Minimum 30 ft. x 30 ft.) _____
- G. Date of Preconstruction Meeting _____

VII. Required Post-Construction Submittals/Certifications

- A. Inspection Performed: _____ Date: _____
- B. Record Drawings Submitted for Review: _____
- C. Post Internal Video Submitted for Review: _____
- D. Electronic GIS Copy of Record Drawings: _____
- E. O/M Manuals Submitted: _____
- F. Warranty Certification/ Bond Attached Here To: _____
- G. Affidavit Stating All Pipes and Fittings Furnished Meet Specifications: _____
- H. Certified Certificate that Pipe meets Owner's Specifications: _____
- I. Letter of Certification from Manhole Supplier: _____
- J. Two Copies of Internal Inspection Log: _____

Applicant or Applicant's Engineer Certification of Compliance

This is to Certify that the sewer infrastructure included in this application for acceptance by the Board of Water and Sewer Commissioners of the City of Saraland was constructed to meet all of the Board's Standards and current practices and includes all necessary submittal data and warranties. Also the Board of Water and Sewer Commissioners and their representatives have the right to use the attached electronic data for GIS purposed and utility business.

Representative Signature

Printed Representative Name

Date:

Note: Final acceptance is contingent upon approval by the Utility Director for the Board of Water and Sewer Commissioners of the City of Saraland and the Board's Resident Engineer along with a completed application.