

Spout Springs Road WWTP

Hall County, Georgia
Constructed by John Wieland Homes and
Neighborhoods

Construction Complete Spring of 2004

Spout Springs Road WWTP

- Current permitted capacity of 750,000 gallons per day (GPD)
- Expandable to 1 million gallons per day (MGD)
- 1.0 MGD Permit in hand
- Biological Treatment process is Sequencing Batch Reactor (SBR) with floating aeration

Spout Springs Road WWTP



Administration Building includes the Control Equipment, Electrical Room, Office, Conference Area, and Laboratory

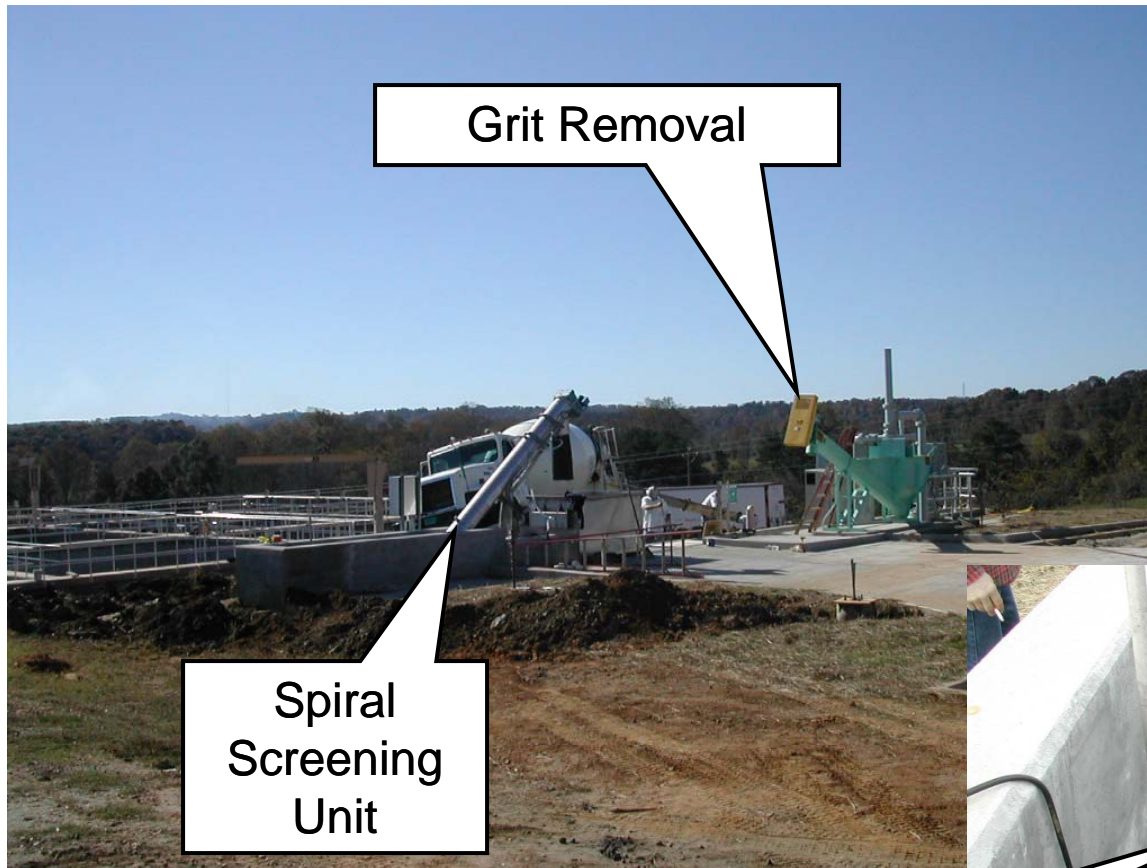


Laboratory

MCC



Spout Springs Road WWTP



Grit Removal

Spiral Screening Unit

Headworks include a Spiral Screening Unit and a Grit Removal System



Spiral Screening Unit

Spout Springs Road WWTP



SBR basins include aluminum handrail around all tanks and jib cranes (yellow) to lift out pumps and aeration equipment



Spout Springs Road WWTP

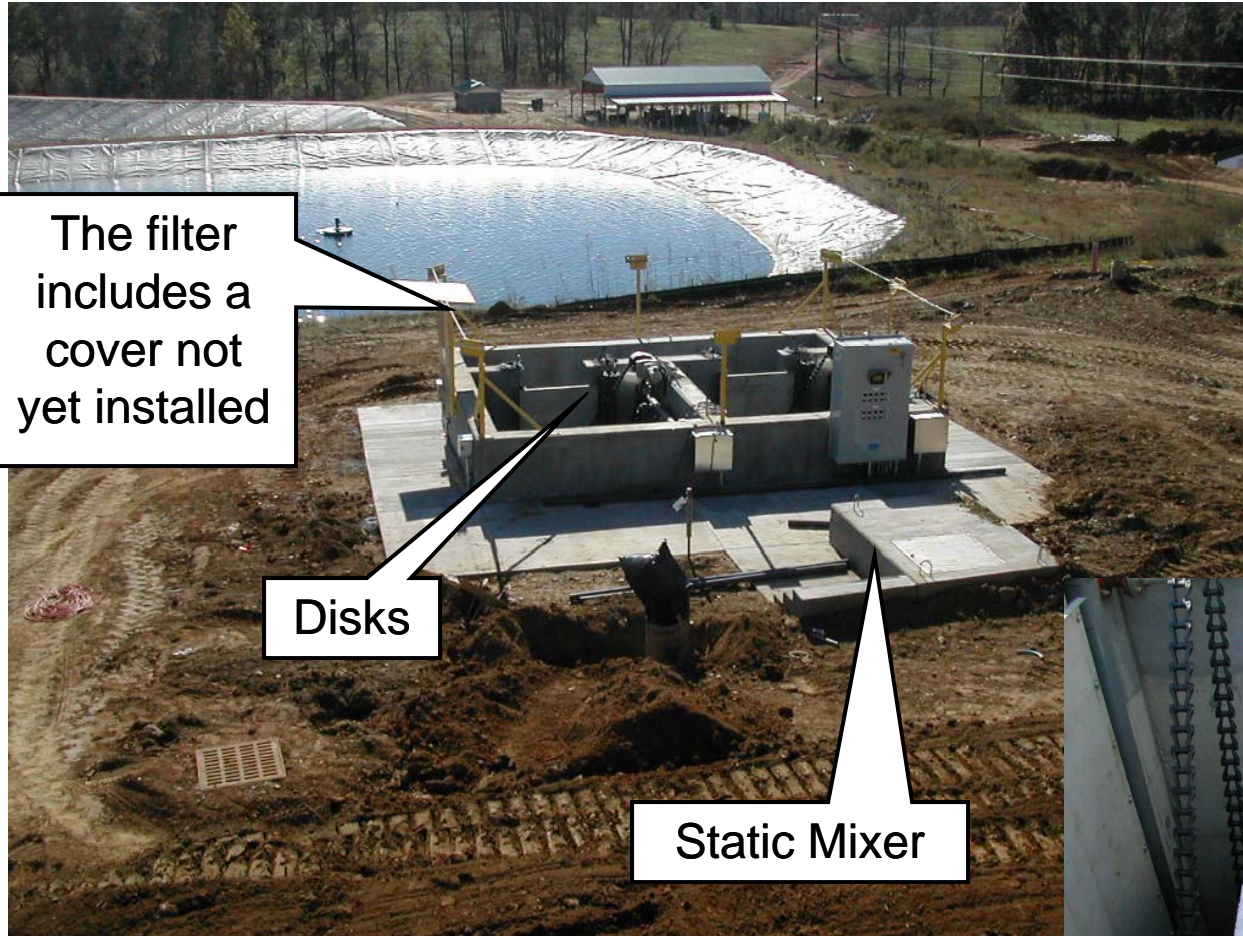


Floating Aerators and
Floating Mixer in SBR basins

Floating
Aerator and
Mixer



Spout Springs Road WWTP



Filtration includes 4 Disk housed in Two Filter units for a total of 8 Disks. Alum is added at the static mixer to act as a filter aid if required



Spout Springs Road WWTP



Effluent Holding
Pond

Reject Pond

Chlorine Contact
Chamber in
foreground with
Reject pond and
effluent holding
pond in
background

Spout Springs Road WWTP



Chemical Building
houses Chlorine
Gas cylinders
(disinfection) and
Alum (coagulant)

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