

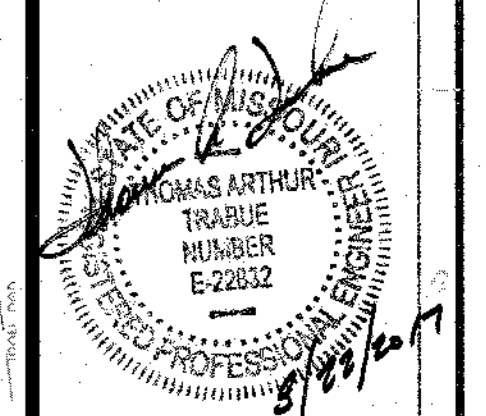
Proposed Primary Treatment Lagoon Notes:

1. Construct new berms from east and south of existing berms by filling and advancing until new cell is fully enclosed. See Profile C201, C202.
2. Pump to dewater new cell.
3. Remove existing sludge from new cell and dispose outside of berm into existing lagoon.
4. Excavate to achieve full depth of new cell. See specification for clay liner requirements.
5. Slopes and Dimensions of Proposed Lagoon are Critical for Placement and operation of Aeration Equipment.
6. No Sludge to be Moved offsite.

Existing Aeration Lagoon Notes:

1. Existing Aeration Lagoon System to Remain in Operation until Completion of New Primary Treatment Lagoon.
2. After Completion of New Primary Treatment Lagoon Remove Existing Aerators and Deliver to Owner.
3. Dewater and Remove Excess Sludge from Existing Aeration Lagoon. Dispose Sludge into Existing Lagoon North of Construction Area.
4. Maintain Existing Effluent Line until New Effluent Line is Installed and Ready to Receive Flow.
5. Cap Existing Effluent Line and Abandon in Place.
6. No Sludge to be Moved offsite.

Revision No.	Date	Description



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Expires: 12-31-2018

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City of Sweet Springs
Wastewater Treatment Improvements
Grading Plan

Client Proj # 007380
THInc Proj # 007380
Engineer: TPW
Designer: TPW
Drafter: GRK
Plotted:

DWG. **C102**
SHT. 4 OF 15

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