

**MITCHELL, SD
SOUTH PLANT - PROPOSED UPGRADES/
IMPROVEMENTS**

**EXISTING HOLDING
CELL #3**

**EXISTING HOLDING
CELL #4**

- PROPOSED UPGRADES/IMPROVEMENTS**
1. New Equalization Basin Diversion Control Manhole.
 2. New Equalization Basin (South Plant Alternative).
 3. New Equalization Basin Effluent Pump Station.
 4. Remove and Replace Chain Link Gate.
 5. Demolish Existing Storage Building.
 6. New Blower/Storage Building.
 7. Pad for Portable Standby Generator.
 8. Refurbish Existing Blower Electrical Building.
 9. Expand/Upgrade Existing Distribution Box.
 10. Remove and Replace Existing Final Clarifier Mechanism.
 11. New 50- FT Final Clarifier.
 12. Aeration Basins - 1) Remove Existing Turbine Aerators and Platforms. 2) Provide New Retrievable Aeration System Diffused Aeration. 3) Reshape Interior Side Slopes.
 13. Remove and Replace Damaged Perimeter Chain Link Fence.
 14. Replace Existing 24" RCP with 36" DIP.
 15. Rehabilitate/Expand Existing Weir Structure.
 16. New Solids Dewatering Facilities.
 17. New 1 Million Gallon Aerobic Sludge Digestion Basin.
 18. Control Structures Rehabilitation of Storage Ponds.
 19. Bank Stabilization on Storage Ponds

