**STP UNITS FOR EXTENDED AERATION PROCESS**

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|  |  |
| Headworks |  |
| Medium Screen Influent Channel |  |
| Medium Screen Channels |  |
| Medium Screen Effluent/Grit Basin Distribution Channel |  |
| Grit Basin Distribution Channel - Branch Boxes |  |
| Grit Basins |  |
| Parshall Flume |  |
| **Aeration Basins** |  |
| Aeration Basin Influent Channel |  |
| Aeration basins |  |
| Aeration Basin Effluent Channel |  |
| Aeration Basin Effluent Channel Passes |  |
| Secondary Clarifier Distribution Structure |  |
| Process Air Blower Building |  |
| Chemical Building |  |
| Chemical Building (Lower Level) |  |
| Chemical Building (Upper Level) |  |
| **Secondary Clarifiers** |  |
| Secondary Clarifiers |  |
| Secondary Scum Pit |  |
| Return Activated Sludge (RAS) Pumping Station |  |
| **Chlorine Contact Tank** |  |
| Chlorine Contact Tank Inlet Channel | **•** |
| Chlorine Contact Tanks |  |
| Chlorine Contact Tank Effluent Channel |  |
| Chlorine/ Hypo Building |  |
| Chlorine Scrubber area |  |
| **Sludge Thickening** |  |
| Gravity Thickener Inlet Distribution Structure |  |
| Gravity Sludge Thickener |  |
| Thickened Sludge Pumping Station |  |
| Sludge/Biogas Storage Tank |  |
| Sludge Dewatering **System** |  |
| Centrifuge Feed Pumping Station |  |
| Centrifuge Building |  |
| Centrifuge Building (Lower Level) |  |
| Centrifuge Building (Upper Level) |  |
| **Plant Drain Pump Station** |  |
| **Sub-Station for STP** |  |
| Switch Gear Room |  |
| Transformer Yard |  |
| D G room for STP |  |
| **Utility Buildings** |  |
| Administration, Laboratory, and SCADA Building |  |
| **Maintenance** Workshop |  |
| Guard Room (Security Room) |  |
| Plant Water Pump Station |  |