Page 1

**STP UNITS FOR ACTIVATED SLUDGE PROCESS WITH POWER GENERATION IN FUTURE**

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| Head works |
| Medium Screen Influent Channel |
| Medium Screen Channels |
| Medium Screen Effluent/Grit Basin Distribution Channel |
| Grit Basin Distribution Channel - Branch Boxes |
| Grit Basins |
| Parshall Flume |
| Primary Clarifier Distribution Structure |
| Primary Clarifier Distribution Structure - Branch Boxes |
| **Primary Clarifiers** |
| Primary Clarifiers |
| Primary Clarifier Scumpit |
| Primary Sludge Pump Station |
| **Aeration Basins** |
| Aeration Basin Influent Channel |
| Aeration basin |
| Aeration Basin Effluent Channel , |
| 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 Foundation |
| **Sludge Thickening** |
| Gravity Thickener Inlet Distribution Structure |
| Gravity Sludge Thickener |
| Thickened Sludge Pumping Station |
| **Anaerobic Digesters** |
| Anaerobic Digesters |
| Sludge/Biogas Storage Tank |
| Biogas Flare Foundation . |
| Biogas Scrubber Area |
| Digester Building . |
| Boiler Building |
| Gas Generation. Set cum Electric Panel Building (Future) |
| **Sludge Dewatering System** |
| Centrifuge Feed Pumping Station |
| Centrifuge Building |

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| Centrifuge building (Lower Level) |
| Centrifuge building (Upper Level) |
| **Plant drain pump station** |
| **Sub-station for TSPS** |
| Switch Gear Room |
| Transformer Yard |
| **Sub-Station for STP** |
| Switch Gear Room |
| Transformer Yard |
| Transformer Yard near Process Air Blower Building |
| DG Room for TSPS and STP |
| **Utility Buildings** |
| Administration, Laboratory and SCADA building |
| Maintenance Workshop |
| Guard Room (Security room) |
| Plant Water Pump station  |