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This is an aerial view of the new equalization tank and headworks structure. These structures are finished and working through factory testing of all of the equipment housed inside them. From start-up observations, the headworks is more efficient and removes more debris and grit from the incoming wastewater flow, protecting downstream equipment from the wear and tear of the objects found in wastewater.



This is an aerial view of the biological nutrient removal basins. Last year you could see work occurring in Basin #2. Since then, work has been completed in that basin and start-up has occurred, and work has now begun in Basin #1. The fermentation zone, the area on the southeast corner of the basins, is the area where increased efficiencies in biological phosphorus removal will occur. We've added mixers and baffled areas to accommodate phosphorus accumulating organisms in this area for increased removal percentages.



This is an aerial view of the new solids processing area, for direction, the walking trail is to the east of this field. The solids building is the largest building on the left and will house the pre and post dewatering equipment, what will be used to squeeze the water out of the solids before disposing of them. The building on the right is the digester building, the two circular tanks above that building are the digesters. The digesters will stabilize the solids per EPA recommendations. Gas that is produced from the digesters will be used in the green building, the combined heat and power engine, that will turn that biogas into energy and be used back in the facilities grid to offset power costs.