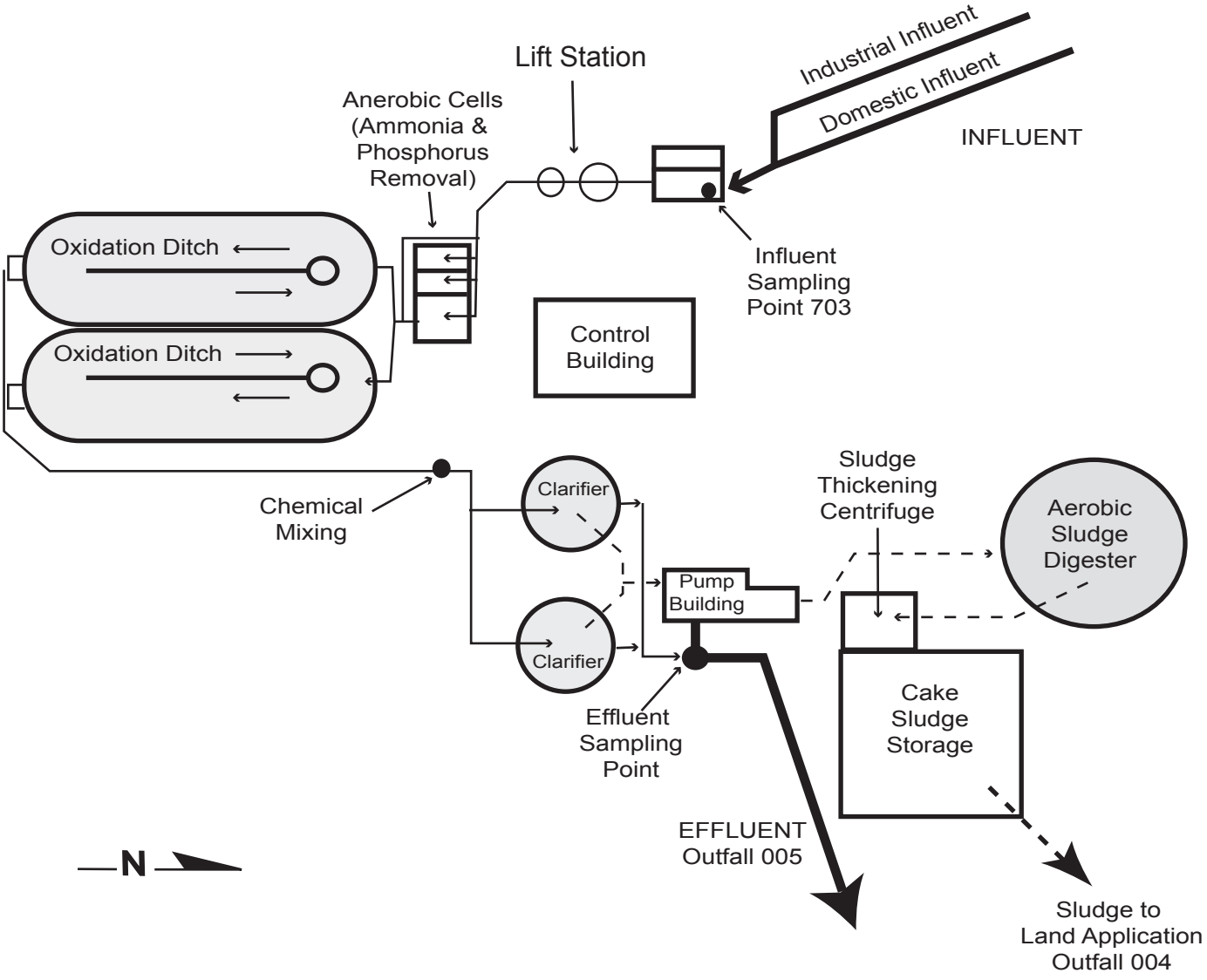
VILLAGE OF TURTLE LAKE
Wastewater Treatment Facility

The Turtle Lake wastewater treatment facility is an activated sludge system consisting of fine screening, anerobic cells for ammonia and phosphorus removal, 2 oxidation ditches, and 2 final clarifiers. The final effluent is discharged to a wetland to an unnamed stream into Moon Creek. The activated sludge is sent to the aerobic sludge digester, thickened in the centrafuge, and stored as cake before it is land applied. The diagram below shows the treament units and sampling locations.



Design Flow: 0.546 MGD
BOD: 2,464 lbs/day
Construction Year: 2004

● Represents Sample Points
⟵ Wastewater flow
⟵ - - - Sludge flow

NOT TO SCALE