

Lake Mary Sedimentation Basins Rehabilitation



October 21, 2025



Project Location



Lake Mary WTP

Lake Mary WTP





Lake Mary Water Treatment Plant Sedimentation Basins

- Original Lake Mary Water Treatment Plant built in 1941
- Two 1-million gallon Sedimentation Basins built in 1963
- Basins serve to settle out suspended materials in lake (surface) water
- Lake Mary WTP provides up to 60% of Flagstaff's water supply or 8mgd
- Large mechanical mixers and rake assemblies installed in 1963



Sedimentation Removal Rakes



PCL Construction was selected through an RSOQ process as the most qualified respondent and provided a proposal for rehabilitation of the Sedimentation Basins and equipment replacement project





Aging Degraded Concrete





Questions?