

Lake City, CO Installation Announcement



Lake City, Colorado (pop. ~700, elevation 8,671 ft) successfully started up Phase I of its Entex WavTex fixed media system in September 2025. Five of nine total modules are now live, intensifying biological treatment capacity ahead of projected growth through 2043. Designed for influent flows up to 0.275 MGD, each module contains 8,265 ft² of EnTextile fixed-film media with integrated dual coarse and fine bubble aeration skids. Frames were sloped to match the lagoon's 2% floor grade for even air distribution, and the system was designed to minimize above-water appurtenances to accommodate an insulated winter cover.

Application

Meet BOD and ammonia effluent targets amid seasonal surges and freezing winter months

Solution

Install a total of nine WavTex modules in existing lagoon while accommodating a sloped floor and custom lagoon cover

Objective

Effluent:
BOD < 25 mg/L
NH₃-N < 6-9 mg/L
seasonally