

*TEI Qualifications and Experience*

## Orange Creek Wetland Restoration

**Location:** Citra, Florida – Marion & Alachua County  
**Client:** St. Johns River Water Management District  
**Contact:** Mr. Gian Basili, Technical Program Manager  
386.329.4312  
**Value:** \$900,000

**Description:** During 2001 Turnbull Environmental provided program management and coordination during Phase IV restoration activities at Orange Creek Restoration Area. From 1998 to 2000 (while employed at SJRWMD), Mr. Turnbull was also program manager for this large wetland restoration project located southeast of Gainesville, Florida Rich planned, directed, and coordinated all technical and management functions for the project, with a final operating budget of over \$900,000, and was responsible or directly involved in obtaining over \$750,000 of the total budget from four non-District sources. Three of the four sources were mitigation projects that Rich developed, coordinated, and secured.



The project is the largest complete restoration of its kind in the state, and entailed construction of 50 habitat islands, removal of 4 pump stations, obliterating 14.2 miles of field ditches by relocating 40,000 cubic yards of material, complete removal of the 8.9 mile perimeter levee and canal system, complete removal of 9.2 miles of road ditches, and planting 1,300 wetland trees as part of one of the mitigation projects. The total volume of material cut and filled was over 800,000 cubic yards. The project is unique in the state in that virtually all man-made drainage features were removed, thereby promoting a complete and effective hydrologic restoration. Former wetland and wildlife communities were

restored, as well as important wetland functions.

**Equipment:** Standard trackhoe, Tractor dozer, D6 dozer, loader, & dump trucks