

C-18 WEIR

This structure is an uncontrolled sheet pile weir across C-18, west branch immediately downstream of SR 710.

PURPOSE

This structure prevents over drainage of the extreme west end of the C-18 canal while permitting the discharge of the design discharge without causing damaging stages.

OPERATION

This is an uncontrolled structure and requires no operation.

FLOOD DISCHARGE CHARACTERISTICS

Discharge Rate	Design 390 cfs 50% of SPF
Headwater Elevation	19.5
Tailwater Elevation	18.6
Type Discharges	Uncontrolled, submerged

DESCRIPTION OF STRUCTURE

Type: Uncontrolled, sheet pile weir

Weir Length: 93 feet

Weir Crest Elevation: 17.64 feet

Non-overflow Elevation: 19.6 to 23.1 feet

ACCESS: Via about 200 feet of dirt access road on the northwest side of C-18 from the C-18 crossing of SR 710.

HYDRAULIC AND HYDROLOGIC MEASUREMENTS

Water Level Upstream and downstream staff gauge and remote digital recorder

DEWATERING FACILITIES: None