

Table 4 Responsible Tracts for Facility Improvements

FACILITY	TRACT RESPONSIBLE FOR FUTURE IMPROVEMENTS	PEAK FLOW IN (CFS) PEAK FLOW OUT (CFS)	FUTURE IMPROVEMENTS
POND D	TRACT 1, UNIT 2	Inflow Capacity Of 154.87 CFS Outflow Restricted To 5.93 CFS	Inlet And Outlet Improvements And Overflow Inlets
POND E	TRACT 9, UNIT 3A	Inflow Capacity Of 198.83 CFS Outflow Restricted To 6.80 CFS	Inlet And Outlet Improvements And Overflow Inlets
POND F	TRACT 9, UNIT 3A or TRACT 2, UNIT 2 or TRACT 3, UNIT 2*	Inflow Capacity Of 255.89 CFS Outflow Restricted To 17.66 CFS	Inlet And Outlet Improvements And Overflow Inlets
POND G	TRACT 9, UNIT 3A or TRACT 2, UNIT 2 or TRACT 3, UNIT 2*	Inflow Capacity Of 93.49 CFS Outflow Restricted To 7.00 CFS	Inlet And Outlet Improvements And Overflow Inlets
POND H	TRACT 8, UNIT 2	<div> <div> Qin = 110.9 cfs Qbp = 21.6 cfs Qpin = 89.3 cfs Qpout = 5.2 cfs Qor = 26.8 cfs </div> <div> Inlet Improvements Outlet Orifice Restriction Orifice Overflow Improvements </div> </div>	
POND J	TRACTS 1-4, UNIT 4	Inflow Capacity Of 141.18 CFS Outflow Restricted To 6.05 CFS	Inlet And Outlet Improvements And Overflow Inlets
ANALYSIS POINT J	TRACT 3, UNIT 2	Flow Restricted To 32.39 CFS	Sluice Gate Orifice Plate
POND K	TRACTS 1-4, UNIT 4	Inflow Capacity Of 189.53 CFS Outflow Restricted To 15.81 CFS	Inlet And Outlet Improvements And Overflow Inlets
ANALYSIS POINT K	TRACT 9, UNIT 3A	Flow Restricted To 60.72 CFS	Sluice Gate Orifice Plate

* The first ¹ Tract developed will be responsible for the improvements to the pond.

LEGEND OF PEAK FLOW VALUES

Qin; System Inflow

Qbp; Bypass at pond bottom elev.

Qpin; Pond Inflow (Surge) rate (Qin - Qbp)

Qpout; Pond Discharge (Routed Pond Surge Inflow)

Qor; Orifice Controlled Discharge & Overflow Capacity (Qbp + Qpout)

BP

Or

IN

Pout