

Ported Riser Details:*Pond F5*

- Four 6" holes with invert 5423.5
- Three 6" holes with invert 5424.5
- Four 6" holes with invert 5425.5
- Three 6" holes with invert 5426.5
- Spillway elevation = 5428

Pond D

- Four 6" holes with invert 5426.44
- Three 6" holes with invert 5427.44
- Emergency spillway elevation = 5434

Ported Riser Rating Curves					
Pond D			Pond F5		
Elevation (ft)	Depth (ft)	Flow (cfs)	Elevation (ft)	Depth (ft)	Flow (cfs)
5426	0	0	5422	0	0
5426.44	0.44	0	5423	1	0
5427	1	2.11	5423.5	1.5	0
5428	2	5.91	5424	2	1.89
5429	3	8.99	5425	3	5.65
5430	4	11.19	5426	4	10.73
5431	5	13.01	5427	5	16.72
5432	6	14.60	5428	6	21.75
5433	7	16.04	5429	7	59.62
5434	8	17.35			
Orifice Equation: $Q=0.6*A*(2*g*h)^{(1/2)}$					

