

Pond Report

Pond No. 1 - Secondary Equalization Basin

Pond Data

Contours -User-defined contour areas. Conic method used for volume calculation. Begining Elevation = 182.50 ft

Stage / Storage Table

Stage (ft)	Elevation (ft)	Contour area (sqft)	Incr. Storage (cuft)	Total storage (cuft)
0.00	182.50	00	0	0
0.50	183.00	1,305	217	217
1.50	184.00	6,926	3,745	3,963
2.50	185.00	14,420	10,446	14,408
3.50	186.00	23,871	18,946	33,355
4.50	187.00	28,073	25,941	59,296
5.50	188.00	32,393	30,204	89,500
6.50	189.00	36,826	34,582	124,082
7.50	190.00	41,373	39,074	163,156
8.50	191.00	46,032	43,677	206,833
9.50	192.00	50,805	48,394	255,227
10.50	193.00	55,691	53,224	308,451
11.50	194.00	60,689	58,166	366,618
12.50	195.00	65,801	63,221	429,839
13.50	196.00	71,026	68,390	498,229
14.50	197.00	76,364	73,672	571,901
15.50	198.00	81,815	79,066	650,966
16.50	199.00	87,379	84,573	735,540
17.50	200.00	93,056	90,194	825,733
18.50	201.00	98,714	95,862	921,595
19.00	201.50	101,444	50,033	971,628

Culvert / Orifice Structures

	[A]	[B]	[C]	[PrfRsr]
Rise (in)	= 0.00	0.00	0.00	0.00
Span (in)	= 0.00	0.00	0.00	0.00
No. Barrels	= 0	0	0	0
Invert El. (ft)	= 0.00	0.00	0.00	0.00
Length (ft)	= 0.00	0.00	0.00	0.00
Slope (%)	= 0.00	0.00	0.00	n/a
N-Value	= .000	.000	.000	n/a
Orifice Coeff.	= 0.00	0.00	0.00	0.00
Multi-Stage	= n/a	No	No	No

Weir Structures

	[A]	[B]	[C]	[D]
Crest Len (ft)	= 0.00	0.00	0.00	0.00
Crest El. (ft)	= 0.00	0.00	0.00	0.00
Weir Coeff.	= 0.00	0.00	0.00	0.00
Weir Type	= ---	---	---	---
Multi-Stage	= No	No	No	No
Exfil.(in/hr)	= 0.000 (by Contour)			
TW Elev. (ft)	= 0.00			

Note: Culvert/Orifice outflows are analyzed under inlet (ic) and outlet (oc) control. Weir risers checked for orifice conditions (ic) and submergence (s).

