

Table 4.8-6 Sediment Pond Summary Information

Cont. Page 3

Sedimentation Pond	Spillway Stage (ft)		10-Yr, 24-Hr Storm Event				25-Yr, 24-Hr Storm Event		
			Peak Stage	Storage	Outflow	Peak Effluent Settleable Conc.	Peak Stage	Outflow	Year Built
	Principal	Emergency	(ft)	(ac-ft)	(cfs)	(ml/l)	(ft)	(cfs)	
Middle Flume #1	11.7 (3)	11.7 (3)	12.9	2.00	26.7	0.10	13.3	48.6	1999
(1)(2) Middle Flume #2	15.5 (3)	15.5 (3)	18.3	10.21	167.5	14.8	19.1	307.3	--
Middle Flume #3	14.0 (3)	14.0 (3)	16.8	8.36	146.3	0.05	18.0	303.5	1998
E. Mid. Flume #1	10.0 (3)	10.0 (3)	11.3	3.59	38.7	0.00	11.8	75.0	1999
Deal #1	16.8 (3)	16.8 (3)	18.1	1.37	7.8	0.00	18.7	19.8	2006
East Flume #1	11.3 (3)	11.3 (3)	12.5	3.55	7.3	0.00	13.0	19.5	2000
West Horse	13.0 (3)	13.0 (3)	13.2	0.87	0.96	0.00	13.3	1.6	2004
Deacon #1	14.5 (3)	14.5 (3)	16.1	14.18	37.64	0.00	16.91	80.04	2018
Deacon #2	12.0 (3)	12.0 (3)	13.1	15.82	18.13	0.00	13.73	41.21	2018
Deal #2	6.0 (3)	6.0 (3)	6.4	3.05	5.95	0.00	6.79	9.987	2018
Jeffway #1	9.0 (3)	9.0 (3)	9.9	4.56	12.27	0.00	10.33	27.75	2018
(1) Jeffway #2	7.0 (3)	7.0 (3)	7.2	2.56	2.87	0.00	7.38	4.81	2020
East Buzzard #3	7.0 (3)	7.0 (3)	7.3	0.93	3.20	0.00	8.10	13.80	2023
West Buzzard #3	8.0 (3)	8.0 (3)	8.9	0.66	10.61	0.00	9.49	28.87	2023
West Buzzard #4	9.0 (3)	9.0 (3)	9.7	0.82	10.13	0.00	10.30	28.60	2023

- (1) Year built for future ponds may vary by $\pm$ two years.
(2) Designs will be sent to CDRMS for approval prior to construction.
(3) Single open-channel design.
Updated 7/22

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