

TABLE 3

NORTH VINEYARD STATION SPECIFIC PLAN

DRAINAGE MASTER PLAN  
UPDATE AND PHASING

DETENTION BASIN PARAMETERS  
PHASE B CONDITIONS

Basin Parameters	Basin Name				
	E24A	E24B	E26	G41	G46
Basin Site (ac)	N/A	7.1	22	11	N/A
Basin Description	N/A	Online W.Q./ Combined F.C.	Online W.Q./F.C.	Online W.Q./ Combined F.C.	N/A
UNET Storage Area Number	N/A	6	5	10	N/A
Bottom Elevation	N/A	36	39.5	38.5	N/A
Maximum Side Slopes	N/A	4:1	4:1 and 3:1	4:1	N/A
Basin Equation	N/A	$4.74y + 0.0925y^2$	$9.6y + 0.16y^2$	$5.46y + 0.0389y^2$	N/A
Water Quality Volume (ac-ft)	N/A	2.3	17	8.7	N/A
Water Quality Pool Elevation	N/A	39	42.5	41.5	N/A
10-year Flood Control Volume	N/A	15.32	47.55	18.61	N/A
10-year Pool Elevation	N/A	42.05	47.1	44.83	N/A
100-year Flood Control Volume	N/A	48.94	71.62	63.57	N/A
100-year Pool Elevation	N/A	47.81	49.21	52.31	N/A
Total Weir Length (ft)	N/A	100	n/a	150	N/A
Segment 1 Weir Length and Elevation	N/A	100' @ 47.3'		150' @ 51.9'	N/A
Segment 2 Weir Length and Elevation	N/A				N/A
Segment 3 Weir Length and Elevation	N/A				N/A
Diameter of Outfall Pipe (in)	N/A	24	60	24	N/A