

TABLE 1

NORTH VINEYARD STATION SPECIFIC PLAN

DRAINAGE MASTER PLAN
UPDATE AND PHASING

DETENTION BASIN PARAMETERS
PHASE A1 CONDITIONS

Basin Parameters	Basin Name				
	E24A	E24B	E26	G41	G46
Basin Site (ac)	N/A	N/A	N/A	11	N/A
Basin Description	N/A	N/A	N/A	Online W.Q./ Combined F.C.	N/A
UNET Storage Area Number	N/A	N/A	N/A	1	N/A
Bottom Elevation	N/A	N/A	N/A	38.5	N/A
Maximum Side Slopes	N/A	N/A	N/A	4:1	N/A
Basin Equation	N/A	N/A	N/A	$5.46y + 0.0389y^2$	N/A
Water Quality Volume (ac-ft)	N/A	N/A	N/A	8.7	N/A
Water Quality Pool Elevation	N/A	N/A	N/A	41.5	N/A
10-year Flood Control Volume	N/A	N/A	N/A	23.79	N/A
10-year Pool Elevation	N/A	N/A	N/A	45.73	N/A
100-year Flood Control Volume	N/A	N/A	N/A	63.57	N/A
100-year Pool Elevation	N/A	N/A	N/A	52.31	N/A
Total Weir Length (ft)	N/A	N/A	N/A	150	N/A
Segment 1 Weir Length and Elevation	N/A	N/A	N/A	150' @ 51.9'	N/A
Segment 2 Weir Length and Elevation	N/A	N/A	N/A		N/A
Segment 3 Weir Length and Elevation	N/A	N/A	N/A		N/A
Diameter of Outfall Pipe (in)	N/A	N/A	N/A	24	N/A