

NEW MARKET OFFICE FLOODPLAIN COMPENSATION			
	BASIN AREA (AC)	RAIN EXCESS (INCH)	VOLUME (AF)
WN-2 PRE	38.37	5.3	16.98
Pre Flood Plain Volume			14.42
WN-2 Post	21.62	7.2	12.97
WN-4 Post	16.49	7.2	9.89
Pre - Post Difference	= 12.97 + 9.89 - 16.98 = 5.89 AF		
TOTAL VOL REQUIRED	= 5.89 + 14.42 = 20.31 AF		
WN-P2 at Flood Plain Volume (1352.4')	= 14.98 AF		
WN-P4 at Design High Water (1353')	= 5.87 AF		
Total Volume Provided	= 14.98 + 5.87 = 20.85 AF > 20.31 AF		