Exhibit I

Client: Project Description Project Number: Date:	Quantum Limit Vineyards New Vineyard Development Erosion Control Plan 190101-0104 9/3/2021		
For circular ponds, surfa A = P²/547,390	Pond Capacity AnalysisFace area can be approximated by the following equation:where;A = surface area (acres)P = shoreline perimeter (feet)		
Shoreline perimeter: Average pond depth:	850 9	feet feet	(provided by owner) (provided by owner)
Surface area =	1.3	acres	
V = A x D	where; V = A = D =	Pond volume (acre-feet) surface area (acres) average pond depth (feet)	

Pond volume = 11.9 acre-feet