

C.	Impact Rating: Operational Phase	Proposed construction of Toeka RE Farm Houdenbek No 415, Ceres.													
No.	ASPECT	IMPACT	WITHOUT MITIGATION					WITH MITIGATION					Short Description of Mitigation Measures		
			Probability	Extent	Duration	Magnitude	Receiving Environment	Without Mitigation Score (Baseline)	Probability	Extent	Duration	Magnitude	Receiving Environment	With Mitigation Score (Impact assessment)	
1	Water	Erosion and sedimentation	-4	-2	-4	-2	-1	-2,6	-1	-1	-1	-1	-1	-1	* Monitor areas below the dam wall after heavy rainfall events for erosion and sedimentation. * Should erosion and incision be noted, immediate corrective measures must be undertaken. Nuisance vegetation and sedimentation to be removed to ensure overflow; Rehabilitation measures may include the filling of erosion gullies and rills, and the stabilization of gullies with silt fences.
		Alternation of hydrology/ flow of the drainage line/ shortening of the hydroperiod	-16	-2	-8	-8	-2	-7,2	-1	-1	-2	-2	-1	-1,4	* Implementation of Monitoring Plan and Mechanical Systems to ensure Ecological Flow requirements are met and to ensure that water is not cut off by the proposed dam *Only abstraction of surplus water/ peak flow
2	Dust	Potential dust from operations	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	No dust expected during operations
3	Visual	Potential visual impact from operations	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	No visual impact expected during operations, the dam will fit in with the surrounding land use which is agriculture
4	Noise	Potential noise impact from operations	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	No noise expected during operations