

C	Impact Rating: Rehabilitation Phase	Darling Brug & Waaboomsrivier Irrigation Boards: Water division structure, Pipelines, Canal Rehab	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)
No.	ASPECT	IMPACT	Probability	Extent	Duration	Magnitude	Receiving Environment	Without Mitigation Score (Baseline)	Probability	Extent	Duration	Magnitude	Receiving Environment	With Mitigation Score (Impact assessment)	Short Description of Mitigation Measures
1	Botanical	Soil contamination from vehicles on site	-2	-1	-1	-1	-1	-1,2	-1	-1	-1	-1	-1	-1	* Vehicles should be inspected to reduce risk of potential soil contamination from hydrocarbon spills. * The contractor should ensure drip trays are placed under stationary vehicles/ trucks. * Spill kits must be available. Workers should be trained how to use spill kits to rectify a spill immediately. Records must be kept of any spills.
2	Water	Loss of riparian habitat	-2	-1	-1	-1	-1	-1,2	-1	-1	-1	-1	-1	-1	* Ensure rehab activities and vehicles are restricted to the demarcated areas to prevent further degradation. Access roads to the dam should be limited to a singular route in and out; * Vehicles will not be permitted to drive through the streams
		Alternation of hydrology	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	* Ensure rehab activities and vehicles are restricted to the demarcated areas to prevent further degradation. Access roads to the dam should be limited to a singular route in and out; * Vehicles will not be permitted to drive through the streams
3	Dust	Dust emissions during rehabilitation	-2	-1	-1	-1	-1	-1,2	-1	-1	-1	-1	-1	-1	Dust will be monitored If dust becomes a problem, dust will be controlled by means of water spray vehicles or other practical means. No over-watering of the mining area or roads surfaces should occur. Under extreme windy conditions work will be stopped.
4	Visual	Potential visual impact from rehabilitation	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	No visual impact during rehabilitation, if anything rehabilitation of the area will increase visual aesthetic of the area
5	Noise	Potential noise from rehabilitation	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	* Noise is expected to be minimal* No communities in close proximity to the construction site; * Works should take place during daylight hours.