

ALTERNATIVE:

ENVIRONMENTAL ELEMENT		Site 1						Site 3A + 3B						"No-Go"									
		Risidual Direction of Impact	Residual Degree of Certainty	Project Impact - Unmitigated	Project Impact - Mitigated	Status Quo - Baseline Impact	Cumulative Impact	Residual Impact	Risidual Direction of Impact	Residual Degree of Certainty	Project Impact - Unmitigated	Project Impact - Mitigated	Status Quo - Baseline Impact	Cumulative Impact	Residual Impact	Risidual Direction of Impact	Residual Degree of Certainty	Project Impact - Unmitigated	Project Impact - Unmitigated	Status Quo - Baseline Impact	Cumulative Impact	Residual Impact	
CODE:																							
CONSTRUCTION PHASE																							
G-1	Geology	Negative	Probable	1	1	3.7	3.7	3.7	Negative	Probable	1.1	1.1	3.7	3.7	3.7			0	0	3.7	3.7	3.7	
				VLOW	VLOW	HIGH	HIGH	HIGH			LOW	LOW	HIGH	HIGH	HIGH			NO	NO	HIGH	HIGH	HIGH	
				3.3	2.7	3.7	3.7	3.7			3.7	3.7	3.7	4	4			0	0	3.7	3.7	3.7	
T-1	Topography	Negative	Definite	HIGH	MOD	HIGH	HIGH	HIGH	Negative	Definite	HIGH	HIGH	HIGH	HIGH	HIGH			NO	NO	HIGH	HIGH	HIGH	
SLC-1	Soil and Land Capability	Negative	Probable	1.2	0.7	3	3.7	3.3	Negative	Probable	1.3	0.8	3	3.7	3.7			0	0	3	3	3	
				LOW	VLOW	MOD	HIGH	HIGH			LOW	VLOW	MOD	HIGH	HIGH			NO	NO	MOD	MOD	MOD	
SWW-1	Surface Water and Wetlands	Negative	Probable	2.1	0.9	3.7	3.7	3	Negative	Probable	2.7	1.5	3.7	3.7	3.7			0	0	3.7	3.7	3.7	
				MOD	VLOW	HIGH	HIGH	MOD			MOD	LOW	HIGH	HIGH	HIGH			NO	NO	HIGH	HIGH	HIGH	
GW-1	Groundwater	Negative	Probable	0.8	0.5	3	3	3	Negative	Probable	0.8	0.5	3	3	3			0	0	3	3	3	
				VLOW	VLOW	MOD	MOD	MOD			VLOW	VLOW	MOD	MOD	MOD			NO	NO	MOD	MOD	MOD	
TE-1	Terrestrial Ecology	Negative	Definite	1	0.7	3	3	2.7	Negative	Definite	1.1	0.8	3	3.3	3			0	0	3	3	3	
				VLOW	VLOW	MOD	MOD	MOD			LOW	VLOW	MOD	HIGH	MOD			NO	NO	MOD	MOD	MOD	
AF-1	Avifauna	Negative	Definite	2.4	2.4	3	3	2.7	Negative	Definite	2.1	2.1	3	3	3			0	0	3	3	3	
				MOD	MOD	MOD	MOD	MOD			MOD	MOD	MOD	MOD	MOD			NO	NO	MOD	MOD	MOD	
AQ-1	Air Quality	Negative	Possible	1.3	0.6	3.3	3.3	3.3	Negative	Possible	1.1	0.5	3.3	3.3	3.3			0	0	3.3	3.3	3.3	
				LOW	VLOW	HIGH	HIGH	HIGH			LOW	VLOW	HIGH	HIGH	HIGH			NO	NO	HIGH	HIGH	HIGH	
N-1	Noise	Negative	Probable	0.8	0.3	2.7	3	2.7	Negative	Probable	0.5	0.3	2.7	2.7	2.7			0	0	2.7	2.7	2.7	
				VLOW	VLOW	MOD	MOD	MOD			VLOW	VLOW	MOD	MOD	MOD			NO	NO	MOD	MOD	MOD	
SOC-1	Social Environment	Positive	Probable	0.5	0.5	2.7	2.7	3	Positive	Probable	0.4	0.4	2.7	3	3	Negative	Definite	4.7	0	2.7	4.7	4.7	
				VLOW	VLOW	MOD	MOD	MOD			VLOW	VLOW	MOD	MOD	MOD			VHIGH	NO	MOD	VHIGH	VHIGH	
EC-1	Economic	Positive	Possible	1	1.3	2.7	3	3	Positive	Possible	0.8	1	2.7	2.1	2.1	Negative	Definite	4.7	0	2.7	4.7	4.7	
				VLOW	LOW	MOD	MOD	MOD			VLOW	VLOW	MOD	MOD	MOD			VHIGH	NO	MOD	VHIGH	VHIGH	
INF-1	Infrastructure and Traffic	Negative	Probable	4	1	2.7	4.3	1.9	Negative	Probable	4	1	2.7	4.3	1.9			0	0	2.7	2.7	2.7	
				HIGH	VLOW	MOD	VHIGH	LOW			HIGH	VLOW	MOD	VHIGH	LOW			NO	NO	MOD	MOD	MOD	
V-1	Visual	Negative	Probable	1.2	1	3.7	3.7	3.7	Negative	Probable	1.2	1	3.7	3.7	3.7			0	0	3.7	3.7	3.7	
				LOW	VLOW	HIGH	HIGH	HIGH			LOW	VLOW	HIGH	HIGH	HIGH			NO	NO	HIGH	HIGH	HIGH	
ArCH-1	Archaeology, Palaeontology, Cultural Heritage	No Impact	Definite	0	0	0	0	0	No Impact	Definite	0	0	0	0	0			0	0	0	0	0	
				NO	NO	NO	NO	NO			NO	NO	NO	NO	NO			NO	NO	NO	NO	NO	

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Reviewed By:

ALTERNATIVES:

IMPACT DESCRIPTION		Direction of Impact	Degree of Certainty	Site 1						Site 3A + 3B						"NO-GO"								
				Weighting	Magnitude	Spatial	Temporal	Probability	Impact Risk	Weighting	Magnitude	Spatial	Temporal	Probability	Impact Risk	Weighting	Magnitude	Spatial	Temporal	Probability	Impact Risk			
G-1	<i>Geology</i>																							
	CONSTRUCTION PHASE			5						5														
Impact 1	Destruction of geology shallow than 10m	Negative	Definite	3	2	1	5	5	2.7	3	3	1	5	5	3	1	0				0			
					LOW	ISO	PERM	OCCUR	MOD		MOD	ISO	PERM	OCCUR	MOD		NO							NO
Mitigation Measures:	None Possible.				2	1	5	5	2.7		3	1	5	5	3		0							0
					LOW	ISO	PERM	OCCUR	MOD		MOD	ISO	PERM	OCCUR	MOD		NO				NO			
COMBINED WEIGHTED RATING	BEFORE MITIGATION	Negative	Definite		1.2	0.6	3	3	1		1.8	0.6	3	3	1.1		0	0	0	0	0			
	AFTER MITIGATION <i>(If mitigation is effective / possible this rating wil decrease)</i>	Negative	Definite		LOW	ISO	MED	COULD	VLOW		LOW	ISO	MED	COULD	LOW		NO	#N/A	#N/A	#N/A	NO			
STATUS QUO	INITIAL BASELINE IMPACTS TO ENVIRONMENT	Negative	Probable		3	3	5	5	3.7		3	3	5	5	3.7		3	3	5	5	3.7			
					MOD	LOCAL	PERM	OCCUR	HIGH		MOD	LOCAL	PERM	OCCUR	HIGH		MOD	LOCAL	PERM	OCCUR	HIGH			
CUMULATIVE IMPACT	INITIAL IMPACTS TO ENVIRONMENT + ADDITIONAL IMPACTS FROM PROJECT, BEFORE MITIGATION	Negative	Probable		3	3	5	5	3.7		3	3	5	5	3.7		3	3	5	5	3.7			
					MOD	LOCAL	PERM	OCCUR	HIGH		MOD	LOCAL	PERM	OCCUR	HIGH		MOD	LOCAL	PERM	OCCUR	HIGH			
RESIDUAL IMPACT	INITIAL IMPACTS TO ENVIRONMENT + ADDITIONAL IMPACTS FROM PROJECT, AFTER MITIGATION	Negative	Probable		3	3	5	5	3.7		3	3	5	5	3.7		3	3	5	5	3.7			
					MOD	LOCAL	PERM	OCCUR	HIGH		MOD	LOCAL	PERM	OCCUR	HIGH		MOD	LOCAL	PERM	OCCUR	HIGH			

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IMPACT DESCRIPTION	Direction of Impact	Degree of Certainty	Site 1						Site 3A + 3B						"NO-GO"						
			Weighting	Magnitude	Spatial	Temporal	Probability	Impact Risk	Weighting	Magnitude	Spatial	Temporal	Probability	Impact Risk	Weighting	Magnitude	Spatial	Temporal	Probability	Impact Risk	
T-1	<i>Topography</i>																				
	CONSTRUCTION PHASE		5							5											
Impact 1	Alteration of surface water drainage patterns	Negative	Probable	5	3	2	5	5	3.3	5	4	2	5	5	3.7	5	0				0
				MOD	STUDY	PERM	OCCUR	HIGH			HIGH	STUDY	PERM	OCCUR	HIGH		NO				NO
Mitigation Measures:	<i>Stormwater management measures, have only one facility, site to drain only in one direction</i>			2	1	5	5	2.7			4	2	5	5	3.7		0				0
				LOW	ISO	PERM	OCCUR	MOD			HIGH	STUDY	PERM	OCCUR	HIGH		NO				NO
COMBINED WEIGHTED RATING	BEFORE MITIGATION	Negative	Definite		3	2	5	5	3.3		4	2	5	5	3.7		0	0	0	0	0
				MOD	STUDY	PERM	OCCUR	HIGH			HIGH	STUDY	PERM	OCCUR	HIGH		NO	#N/A	#N/A	#N/A	NO
	AFTER MITIGATION <i>(If mitigation is effective / possible this rating wil decrease)</i>	Negative	Definite		2	1	5	5	2.7		4	2	5	5	3.7		0	0	0	0	0
				LOW	ISO	PERM	OCCUR	MOD			HIGH	STUDY	PERM	OCCUR	HIGH		NO	#N/A	#N/A	#N/A	NO
STATUS QUO	INITIAL BASELINE IMPACTS TO ENVIRONMENT	Negative	Definite		3	3	5	5	3.7		3	3	5	5	3.7		3	3	5	5	3.7
				MOD	LOCAL	PERM	OCCUR	HIGH		MOD	LOCAL	PERM	OCCUR	HIGH		MOD	LOCAL	PERM	OCCUR	HIGH	
CUMULATIVE IMPACT	INITIAL IMPACTS TO ENVIRONMENT + ADDITIONAL IMPACTS FROM PROJECT, BEFORE MITIGATION	Negative	Definite		3	3	5	5	3.7		4	3	5	5	4		3	3	5	5	3.7
				MOD	LOCAL	PERM	OCCUR	HIGH		HIGH	LOCAL	PERM	OCCUR	HIGH		MOD	LOCAL	PERM	OCCUR	HIGH	
RESIDUAL IMPACT	INITIAL IMPACTS TO ENVIRONMENT + ADDITIONAL IMPACTS FROM PROJECT, AFTER MITIGATION	Negative	Definite		3	3	5	5	3.7		4	3	5	5	4		3	3	5	5	3.7
				MOD	LOCAL	PERM	OCCUR	HIGH		HIGH	LOCAL	PERM	OCCUR	HIGH		MOD	LOCAL	PERM	OCCUR	HIGH	

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	IMPACT DESCRIPTION	Direction of Impact	Degree of Certainty	Site 1						Site 3A + 3B						"NO-GO"								
				Weighting	Magnitude	Spatial	Temporal	Probability	Impact Risk	Weighting	Magnitude	Spatial	Temporal	Probability	Impact Risk	Weighting	Magnitude	Spatial	Temporal	Probability	Impact Risk			
SLC-1	Soil and Land Capability																							
	CONSTRUCTION PHASE			5						5														
Impact 1	Sterilisation of agricultural land	Negative	Definite	5	3	1	5	5	3	5	4	1	5	5	3.3	1	0				0			
Mitigation Measures:	Use Site (smaller area), Stockpile all useable topsoil & Subsoil				MOD	ISO	PERM	OCCUR	MOD		HIGH	ISO	PERM	OCCUR	HIGH		NO							NO
					3	1	5	5	3		4	1	5	5	3.3		0							0
Impact 2	Loss of soil resources - erosion	Negative	Definite	3	3	1	5	5	3	3	4	1	5	5	3.3	1	0				0			
Mitigation Measures:	Place soil stockpiles out of water courses, Revegetate Stockpiles, Stormwater Management				MOD	ISO	PERM	OCCUR	MOD		HIGH	ISO	PERM	OCCUR	HIGH		NO							NO
					2	1	5	3	1.6		3	1	5	5	3		0							0
Impact 3	Pollution of soils	Negative	Definite	3	3	1	4	4	2.1	3	3	1	4	4	2.1	1	0				0			
Mitigation Measures:	Hydro-carbon management, waste management, Access Control				MOD	ISO	LONG	VLIKE	MOD		MOD	ISO	LONG	VLIKE	MOD		NO							NO
					1	1	1	1	0.2		1	1	1	1	0.2		0							0
Impact 4	Net loss of soil volumes and utilisation potential (chemical properties, nutrients, structure etc)	Negative	Definite	3	1	1	4	5	2	3	2	1	4	5	2.3	1	0				0			
Mitigation Measures:	Strip and stockpile maximum top soil and subsoil for rehabilitation use. Rehabilitate all areas outside of Dam's storage area.				VLOW	ISO	LONG	OCCUR	LOW		LOW	ISO	LONG	OCCUR	MOD		NO							NO
					1	1	4	5	2		2	1	4	5	2.3		0							0
Impact 5	Compaction of soils	Negative	Definite	3	3	1	4	5	2.7	3	3	1	4	5	2.7	1	0				0			
Mitigation Measures:	Appropriate ripping and amelioration of construction impacted areas, outside of the Dam's storage area.				MOD	ISO	LONG	OCCUR	MOD		MOD	ISO	LONG	OCCUR	MOD		NO							NO
					1	1	2	2	0.5		1	1	2	2	0.5		0							0
COMBINED WEIGHTED RATING	BEFORE MITIGATION	Negative	Definite		1.8	0.7	3	3.3	1.2		2.2	0.7	3	3.3	1.3		0	0	0	0	0			
	AFTER MITIGATION (If mitigation is effective / possible this rating wil decrease)	Negative	Definite		1.2	0.7	2.4	2.3	0.7		1.6	0.7	2.4	2.6	0.8		0	0	0	0	0			
STATUS QUO	INITIAL BASELINE IMPACTS TO ENVIRONMENT	Negative	Probable		2	2	5	5	3		2	2	5	5	3		2	2	5	5	3			
					LOW	STUDY	PERM	OCCUR	MOD		LOW	STUDY	PERM	OCCUR	MOD		LOW	STUDY	PERM	OCCUR	MOD			
CUMULATIVE IMPACT	INITIAL IMPACTS TO ENVIRONMENT + ADDITIONAL IMPACTS FROM PROJECT, BEFORE MITIGATION	Negative	Probable		4	2	5	5	3.7		4	2	5	5	3.7		2	2	5	5	3			
					HIGH	STUDY	PERM	OCCUR	HIGH		HIGH	STUDY	PERM	OCCUR	HIGH		LOW	STUDY	PERM	OCCUR	MOD			
RESIDUAL IMPACT	INITIAL IMPACTS TO ENVIRONMENT + ADDITIONAL IMPACTS FROM PROJECT, AFTER MITIGATION	Negative	Probable		3	2	5	5	3.3		4	2	5	5	3.7		2	2	5	5	3			
					MOD	STUDY	PERM	OCCUR	HIGH		HIGH	STUDY	PERM	OCCUR	HIGH		LOW	STUDY	PERM	OCCUR	MOD			

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ALTERNATIVES:

IMPACT DESCRIPTION	Direction of Impact	Degree of Certainty	Site 1					Site 3A + 3B					"NO-GO"							
			Weighting	Magnitude	Spatial	Temporal	Probability	Impact Risk	Weighting	Magnitude	Spatial	Temporal	Probability	Impact Risk	Weighting	Magnitude	Spatial	Temporal	Probability	Impact Risk
GW-1	Groundwater																			
	CONSTRUCTION PHASE		5							5						5				
Impact 1	Decreased water quality (suspended solids, turbidity, hydro-carbon, chemical, and microbiological)	Negative	Definite	5	2	1	1	3	0.8	5	1	1	1	3	0.6	1	0			0
Mitigation Measures:	Hydrocarbon and chemical management.			5	LOW	ISO	INCID	COULD	VLOW	5	VLOW	ISO	INCID	COULD	VLOW	1	NO			NO
				5	1	1	1	1	0.2	5	1	1	1	1	0.2	1	0			0
				5	VLOW	ISO	INCID	IMPOS	VLOW	5	VLOW	ISO	INCID	IMPOS	VLOW	1	NO			NO
Impact 2	Decreased water quantity - less recharge to groundwater	Negative	Definite	3	2	1	4	5	2.3	3	3	1	4	5	2.7	3	0			0
Mitigation Measures:	None.			3	LOW	ISO	LONG	OCCUR	MOD	3	MOD	ISO	LONG	OCCUR	MOD	3	NO			NO
				3	2	1	4	5	2.3	3	3	1	4	5	2.7	3	0			0
				3	LOW	ISO	LONG	OCCUR	MOD	3	MOD	ISO	LONG	OCCUR	MOD	3	NO			NO
COMBINED WEIGHTED RATING	BEFORE MITIGATION	Negative	Definite		1.6	0.8	1.7	3	0.8		1.4	0.8	1.7	3	0.8		0	0	0	0
	AFTER MITIGATION (If mitigation is effective / possible this rating wil decrease)	Negative	Definite		1.1	0.8	1.7	2	0.5		1.4	0.8	1.7	2	0.5		0	0	0	0
					LOW	ISO	SHORT	COULD	VLOW		LOW	ISO	SHORT	COULD	VLOW		NO	#N/A	#N/A	#N/A
					LOW	ISO	SHORT	UNLIKE	VLOW		LOW	ISO	SHORT	UNLIKE	VLOW		NO	#N/A	#N/A	#N/A
STATUS QUO	INITIAL BASELINE IMPACTS TO ENVIRONMENT	Negative	Probable		2	3	4	5	3		2	3	4	5	3		2	3	4	5
					LOW	LOCAL	LONG	OCCUR	MOD		LOW	LOCAL	LONG	OCCUR	MOD		LOW	LOCAL	LONG	OCCUR
CUMULATIVE IMPACT	INITIAL IMPACTS TO ENVIRONMENT + ADDITIONAL IMPACTS FROM PROJECT, BEFORE MITIGATION	Negative	Probable		2	3	4	5	3		2	3	4	5	3		2	3	4	5
					LOW	LOCAL	LONG	OCCUR	MOD		LOW	LOCAL	LONG	OCCUR	MOD		LOW	LOCAL	LONG	OCCUR
RESIDUAL IMPACT	INITIAL IMPACTS TO ENVIRONMENT + ADDITIONAL IMPACTS FROM PROJECT, AFTER MITIGATION	Negative	Probable		2	3	4	5	3		2	3	4	5	3		2	3	4	5
					LOW	LOCAL	LONG	OCCUR	MOD		LOW	LOCAL	LONG	OCCUR	MOD		LOW	LOCAL	LONG	OCCUR

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ALTERNATIVES:

IMPACT DESCRIPTION		Direction of Impact	Degree of Certainty	Site 1						Site 3A + 3B						"NO-GO"								
				Weighting	Magnitude	Spatial	Temporal	Probability	Impact Risk	Weighting	Magnitude	Spatial	Temporal	Probability	Impact Risk	Weighting	Magnitude	Spatial	Temporal	Probability	Impact Risk			
TE-1	<i>Terrestrial Ecology</i>																							
	CONSTRUCTION PHASE			5						5														
Impact 1	Destruction of vegetation	Negative	Definite	5	3	1	5	5	3	5	4	1	5	5	3.3	1	0				0			
	Mitigation Measures: <i>Search and Rescue, Alien invasive control, Separate topsoil stripping / stockpiling (including seedbed), Rehab Temp Impact Areas</i>				MOD	ISO	PERM	OCCUR	MOD		HIGH	ISO	PERM	OCCUR	HIGH		NO							NO
					2	1	5	5	2.7		3	1	5	5	3		0							0
Impact 2	Loss of faunal populations	Negative	Definite	3	2	1	1	3	0.8	3	2	1	1	3	0.8	1	0				0			
	Mitigation Measures: <i>Search and Rescue, Alien invasive control, Rehab Temp Impact Areas</i>				LOW	ISO	INCLD	COULD	VLOW		LOW	ISO	INCLD	COULD	VLOW		NO							NO
					1	1	1	2	0.4		1	1	1	2	0.4		0							0
Impact 3	Loss of biodiversity	Negative	Definite	2	2	1	5	3	1.6	2	2	1	5	5	2.7	1	0				0			
	Mitigation Measures: <i>Harvest Seeds, Alien invasive control, Indigenous Seedmix-Rehab areas, Separate topsoil stripping / stockpiling (including seedbed)</i>				LOW	ISO	PERM	COULD	LOW		LOW	ISO	PERM	OCCUR	MOD		NO							NO
					1	1	5	1	0.5		1	1	5	1	0.5		0							0
Impact 4	Loss of habitat and habitat fragmentation	Negative	Definite	5	3	1	4	5	2.7	5	4	1	4	5	3	1	0				0			
	Mitigation Measures: <i>Consecutive Rehab of Dam</i>				MOD	ISO	LONG	OCCUR	MOD		HIGH	ISO	LONG	OCCUR	MOD		NO							NO
					2	1	4	5	2.3		2	1	4	5	2.3		0							0
Impact 5	Loss of species diversity	Negative	Definite	2	2	1	4	3	1.4	2	2	1	4	3	1.4	1	0				0			
	Mitigation Measures: <i>Search and Rescue Operations, Seedbank, Separate topsoil stripping and replacement (including seedbed)</i>				LOW	ISO	LONG	COULD	LOW		LOW	ISO	LONG	COULD	LOW		NO							NO
					1	1	4	2	0.8		1	1	4	2	0.8		0							0
Impact 6	Increase in alien invasive species	Negative	Definite	3	3	2	4	5	3	3	3	2	4	5	3	1	0				0			
	Mitigation Measures: <i>Alien invasive control, Indigenous Seedmix - Rehab area</i>				MOD	STUDY	LONG	OCCUR	MOD		MOD	STUDY	LONG	OCCUR	MOD		NO							NO
					1	1	4	5	2		1	1	4	5	2		0							0
COMBINED WEIGHTED RATING	BEFORE MITIGATION	Negative	Definite		1.8	0.8	2.6	2.9	1		2.1	0.8	2.6	3	1.1		0	0	0	0	0			
	AFTER MITIGATION <i>(If mitigation is effective / possible this rating wil decrease)</i>				LOW	ISO	MED	COULD	VLOW		MOD	ISO	MED	COULD	LOW		NO	#N/A	#N/A	#N/A	#N/A			
STATUS QUO	INITIAL BASELINE IMPACTS TO ENVIRONMENT	Negative	Definite		3	2	4	5	3		3	2	4	5	3		3	2	4	5	3			
					MOD	STUDY	LONG	OCCUR	MOD		MOD	STUDY	LONG	OCCUR	MOD		MOD	STUDY	LONG	OCCUR	MOD			
CUMULATIVE IMPACT	INITIAL IMPACTS TO ENVIRONMENT + ADDITIONAL IMPACTS FROM PROJECT, BEFORE MITIGATION	Negative	Definite		3	2	4	5	3		4	2	4	5	3.3		3	2	4	5	3			
					MOD	STUDY	LONG	OCCUR	MOD		HIGH	STUDY	LONG	OCCUR	HIGH		MOD	STUDY	LONG	OCCUR	MOD			
RESIDUAL IMPACT	INITIAL IMPACTS TO ENVIRONMENT + ADDITIONAL IMPACTS FROM PROJECT, AFTER MITIGATION	Negative	Definite		2	2	4	5	2.7		3	2	4	5	3		3	2	4	5	3			
					LOW	STUDY	LONG	OCCUR	MOD		MOD	STUDY	LONG	OCCUR	MOD		MOD	STUDY	LONG	OCCUR	MOD			

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IMPACT DESCRIPTION	Direction of Impact	Degree of Certainty	Site 1					Site 3A + 3B					"NO-GO"							
			Weighting	Magnitude	Spatial	Temporal	Probability	Impact Risk	Weighting	Magnitude	Spatial	Temporal	Probability	Impact Risk	Weighting	Magnitude	Spatial	Temporal	Probability	Impact Risk
AF-1	<i>Avifauna</i>																			
	CONSTRUCTION PHASE		5							5										
Impact 1	Loss of foraging / breeding habitat	Negative	Definite	5	3	2	4	4	2.4	5	2	2	4	4	2.1	1	0			0
<i>Mitigation Measures:</i>	<i>Use Site 3.</i>			MOD	STUDY	LONG	VLIKE	MOD		LOW	STUDY	LONG	VLIKE	MOD		NO			NO	
				3	2	4	4	2.4		2	2	4	4	2.1		0			0	
				MOD	STUDY	LONG	VLIKE	MOD		LOW	STUDY	LONG	VLIKE	MOD		NO			NO	
Impact 2	Electrocutions of birds (will be the same as existing Tx lines)	NO ADDITIONAL IMPACT	Definite		0			0		0				0		0			0	
<i>Mitigation Measures:</i>	<i>Eskom transmission line bird impact reduction standards to be implemented.</i>			NO				NO		NO				NO		NO			NO	
				0				0		0				0		0			0	
				NO				NO		NO				NO		NO			NO	
COMBINED WEIGHTED RATING	BEFORE MITIGATION	Negative	Definite		3	2	4	4	2.4		2	2	4	4	2.1		0	0	0	0
	AFTER MITIGATION <i>(If mitigation is effective / possible this rating wil decrease)</i>	Negative	Definite		MOD	STUDY	LONG	VLIKE	MOD		LOW	STUDY	LONG	VLIKE	MOD		NO	#N/A	#N/A	#N/A
				3	2	4	4	2.4		2	2	4	4	2.1		0	0	0	0	
				MOD	STUDY	LONG	VLIKE	MOD		LOW	STUDY	LONG	VLIKE	MOD		NO	#N/A	#N/A	#N/A	
STATUS QUO	INITIAL BASELINE IMPACTS TO ENVIRONMENT	Negative	Definite		3	2	4	5	3		3	2	4	5	3		3	2	4	5
				MOD	STUDY	LONG	OCCUR	MOD		MOD	STUDY	LONG	OCCUR	MOD		MOD	STUDY	LONG	OCCUR	
CUMULATIVE IMPACT	INITIAL IMPACTS TO ENVIRONMENT + ADDITIONAL IMPACTS FROM PROJECT, BEFORE MITIGATION	Negative	Definite		3	2	4	5	3		3	2	4	5	3		3	2	4	5
				MOD	STUDY	LONG	OCCUR	MOD		MOD	STUDY	LONG	OCCUR	MOD		MOD	STUDY	LONG	OCCUR	
RESIDUAL IMPACT	INITIAL IMPACTS TO ENVIRONMENT + ADDITIONAL IMPACTS FROM PROJECT, AFTER MITIGATION	Negative	Definite		2	2	4	5	2.7		3	2	4	5	3		3	2	4	5
				LOW	STUDY	LONG	OCCUR	MOD		MOD	STUDY	LONG	OCCUR	MOD		MOD	STUDY	LONG	OCCUR	

Rated By: Warren Kok
 Reviewed By:

ALTERNATIVES:

IMPACT DESCRIPTION		Direction of Impact	Degree of Certainty	Site 1						Site 3A + 3B						"NO-GO"								
				Weighting	Magnitude	Spatial	Temporal	Probability	Impact Risk	Weighting	Magnitude	Spatial	Temporal	Probability	Impact Risk	Weighting	Magnitude	Spatial	Temporal	Probability	Impact Risk			
N-1	Noise																							
	CONSTRUCTION PHASE			5						5														
Impact 1	Increased ambient noise levels	Negative	Probable	3	3	3	2	4	2.1	3	2	3	2	3	1.4	1	0				0			
					MOD	LOCAL	SHORT	VLIKE	MOD			LOW	LOCAL	SHORT	COULD		LOW		NO					NO
Mitigation Measures:	6am - 6pm construction time, No Construction on Sundays				2	1	1	3	0.8			2	1	1	3		0.8		0					0
					LOW	ISO	INCID	COULD	VLOW		LOW	ISO	INCID	COULD	VLOW		NO				NO			
COMBINED WEIGHTED RATING	BEFORE MITIGATION	Negative	Probable		1.8	1.8	1.2	2.4	0.8		1.2	1.8	1.2	1.8	0.5		0	0	0	0	0			
	AFTER MITIGATION (If mitigation is effective / possible this rating wil decrease)	Negative	Probable		LOW	STUDY	SHORT	COULD	VLOW		LOW	STUDY	SHORT	UNLIKE	VLOW		NO	#N/A	#N/A	#N/A	NO			
					1.2	0.6	0.6	1.8	0.3		1.2	0.6	0.6	1.8	0.3		0	0	0	0	0			
					LOW	ISO	INCID	UNLIKE	VLOW		LOW	ISO	INCID	UNLIKE	VLOW		NO	#N/A	#N/A	#N/A	NO			
STATUS QUO	INITIAL BASELINE IMPACTS TO ENVIRONMENT	Negative	Possible		2	3	3	5	2.7		2	3	3	5	2.7		2	3	3	5	2.7			
					LOW	LOCAL	MED	OCCUR	MOD			LOW	LOCAL	MED	OCCUR		MOD		LOW	LOCAL	MED	OCCUR	MOD	
CUMULATIVE IMPACT	INITIAL IMPACTS TO ENVIRONMENT + ADDITIONAL IMPACTS FROM PROJECT, BEFORE MITIGATION	Negative	Probable		3	3	3	5	3		2	3	3	5	2.7		2	3	3	5	2.7			
					MOD	LOCAL	MED	OCCUR	MOD			LOW	LOCAL	MED	OCCUR		MOD		LOW	LOCAL	MED	OCCUR	MOD	
RESIDUAL IMPACT	INITIAL IMPACTS TO ENVIRONMENT + ADDITIONAL IMPACTS FROM PROJECT, AFTER MITIGATION	Negative	Probable		2	3	3	5	2.7		2	3	3	5	2.7		2	3	3	5	2.7			
					LOW	LOCAL	MED	OCCUR	MOD			LOW	LOCAL	MED	OCCUR		MOD		LOW	LOCAL	MED	OCCUR	MOD	

Rated By: Warren Kok
 Reviewed By:

ALTERNATIVES:

	IMPACT DESCRIPTION	Direction of Impact	Degree of Certainty	Site 1					Site 3A + 3B					"NO-GO"							
				Weighting	Magnitude	Spatial	Temporal	Probability	Impact Risk	Weighting	Magnitude	Spatial	Temporal	Probability	Impact Risk	Weighting	Magnitude	Spatial	Temporal	Probability	Impact Risk
SOC-1	<i>Social Environment</i>																				
	CONSTRUCTION PHASE			5						5											
Impact 1	Camden Close Down - loss of employment, loss of electricity	Negative	Definite		0					0					5	5	5	4	5	4.7	
Mitigation Measures:	<i>Don't close down the power station.</i>				NO					NO					5	VHIGH	NAT	LONG	OCCUR	VHIGH	
					0					0						0				0	
					NO					NO						NO				NO	
Impact 2	Retention of Jobs	Positive	Definite		3	3	3	5	3	3	3	3	5	3		0				0	
Mitigation Measures:	<i>None possible</i>			5	MOD	LOCAL	MED	OCCUR	MOD	5	MOD	LOCAL	MED	OCCUR	MOD	NO				NO	
					3	3	3	5	3	3	3	3	5	3		0				0	
					MOD	LOCAL	MED	OCCUR	MOD	MOD	LOCAL	MED	OCCUR	MOD		NO				NO	
Impact 3	Employment Oportunities - direct and indirect	Positive	Definite		2	3	2	2	0.9	2	3	2	2	0.9		0				0	
Mitigation Measures:	<i>Employ Unemployed Locals</i>			5	LOW	LOCAL	SHORT	UNLIKE	VLOW	5	LOW	LOCAL	SHORT	UNLIKE	VLOW	NO				NO	
					3	3	3	4	2.4	3	3	2	4	2.1		0				0	
					MOD	LOCAL	MED	VLIKE	MOD	MOD	LOCAL	SHORT	VLIKE	MOD		NO				NO	
Impact 4	Public Uncertainty	Negative	Definite		3	2	2	3	1.4	3	2	2	3	1.4		0				0	
Mitigation Measures:	<i>Frequent communication, EO/ELO to be appointed, Complaints Register and Feedback, Community Relations Programme</i>			1	MOD	STUDY	SHORT	COULD	LOW	1	MOD	STUDY	SHORT	COULD	LOW	NO				NO	
					2	1	2	2	0.7	2	2	2	2	0.8		0				0	
					LOW	ISO	SHORT	UNLIKE	VLOW	LOW	STUDY	SHORT	UNLIKE	VLOW		NO				NO	
Impact 5	Deviant social behaviour, Community / Landowner health & safety (crime, STD's)	Negative	Definite		3	3	2	3	1.6	3	2	2	3	1.4		0				0	
Mitigation Measures:	<i>Employ Unemployed Locals, Community Policing Forum, No workers housed in site, Access and Work Monitoring, STD Education, Fines</i>			1	MOD	LOCAL	SHORT	COULD	LOW	1	MOD	STUDY	SHORT	COULD	LOW	NO				NO	
					1	2	2	1	0.3	1	2	2	1	0.3		0				0	
					VLOW	STUDY	SHORT	IMPOS	VLOW	VLOW	STUDY	SHORT	IMPOS	VLOW		NO				NO	
Impact 6	Environmental nuisance	Negative	Definite		3	3	2	4	2.1	2	3	2	3	1.4		0				0	
Mitigation Measures:	<i>Complaints register and Feedback, Fines for breaking rules</i>			2	MOD	LOCAL	SHORT	VLIKE	MOD	2	LOW	LOCAL	SHORT	COULD	LOW	NO				NO	
					2	3	1	3	1.2	1	1	1	1	0.2		0				0	
					LOW	LOCAL	INCLD	COULD	LOW	VLOW	ISO	INCLD	IMPOS	VLOW		NO				NO	
Impact 7	Change in Land Use	Negative	Definite		3	1	5	5	3	3	1	5	5	3		0				0	
Mitigation Measures:	<i>Demarcate impact footprint</i>			1	MOD	ISO	PERM	OCCUR	MOD	1	MOD	ISO	PERM	OCCUR	MOD	NO				NO	
					4	1	5	5	3.3	3	1	5	5	3		0				0	
					HIGH	ISO	PERM	OCCUR	HIGH	MOD	ISO	PERM	OCCUR	MOD		NO				NO	
COMBINED WEIGHTED RATING	BEFORE MITIGATION	Positive	Definite		1.3	1.4	1.3	1.8	0.5		1.2	1.3	1.2	1.6	0.4	Neg	5	5	4	5	4.7
	AFTER MITIGATION (If mitigation is effective / possible this rating wil decrease)	Positive	Definite		LOW	STUDY	SHORT	UNLIKE	VLOW		LOW	STUDY	SHORT	UNLIKE	VLOW		VHIGH	NAT	LONG	OCCUR	VHIGH
					1.4	1.3	1.4	2	0.5		1.2	1.2	1.2	1.8	0.4		0	0	0	0	0
					LOW	STUDY	SHORT	UNLIKE	VLOW		LOW	STUDY	SHORT	UNLIKE	VLOW		NO	#N/A	#N/A	#N/A	NO
STATUS QUO	INITIAL BASELINE IMPACTS TO ENVIRONMENT	Positive	Probable		2	3	3	5	2.7		2	3	3	5	2.7		2	3	3	5	2.7
					LOW	LOCAL	MED	OCCUR	MOD		LOW	LOCAL	MED	OCCUR	MOD		LOW	LOCAL	MED	OCCUR	MOD
CUMULATIVE IMPACT	INITIAL IMPACTS TO ENVIRONMENT + ADDITIONAL IMPACTS FROM PROJECT, BEFORE MITIGATION	Positive	Probable		2	3	3	5	2.7		3	3	3	5	3	Neg	5	5	4	5	4.7
					LOW	LOCAL	MED	OCCUR	MOD		MOD	LOCAL	MED	OCCUR	MOD		VHIGH	NAT	LONG	OCCUR	VHIGH
RESIDUAL IMPACT	INITIAL IMPACTS TO ENVIRONMENT + ADDITIONAL IMPACTS FROM PROJECT, AFTER MITIGATION	Positive	Probable		3	3	3	5	3		3	3	3	5	3	Beg	5	5	4	5	4.7
					MOD	LOCAL	MED	OCCUR	MOD		MOD	LOCAL	MED	OCCUR	MOD		VHIGH	NAT	LONG	OCCUR	VHIGH

Rated By: Warren Kok
 Reviewed By:

ALTERNATIVES:

	IMPACT DESCRIPTION	Direction of Impact	Degree of Certainty	Site 1						Site 3A + 3B						"NO-GO"						
				Weighting	Magnitude	Spatial	Temporal	Probability	Impact Risk	Weighting	Magnitude	Spatial	Temporal	Probability	Impact Risk	Weighting	Magnitude	Spatial	Temporal	Probability	Impact Risk	
EC-1	<i>Economic</i>																					
	CONSTRUCTION PHASE			5						5						5						
Impact 1	Camden Close Down - Loss of Economic Development	Negative	Definite		0					0						5	5	5	4	5		4.7
Mitigation Measures:	<i>Don't close down the power station.</i>				NO					NO						NO						VHIGH
					0					0						0						0
					NO					NO						NO						NO
Impact 2	Employment Opportunities - direct and indirect	Positive	Definite		2	3	2	2		0.9						0						0
Mitigation Measures:	<i>Employ Unemployed Locals</i>				LOW	LOCAL	SHORT	UNLIKE		VLOW						NO						NO
					3	3	3	3	4	2.4						0						0
					MOD	LOCAL	MED	VLIKE		MOD						NO						NO
Impact 3	Retention of Jobs	Positive	Definite		3	3	3	3	5	3						0						0
Mitigation Measures:	<i>None possible</i>				MOD	LOCAL	MED	OCCUR		MOD						NO						NO
					3	3	3	3	5	3						0						0
					MOD	LOCAL	MED	OCCUR		MOD						NO						NO
Impact 4	Loss of agricultural production	Negative	Definite		3	1	5	5		3						0						0
Mitigation Measures:	<i>None possible</i>				MOD	ISO	PERM	OCCUR		MOD						NO						NO
					3	1	5	5		3						0						0
					MOD	ISO	PERM	OCCUR		MOD						NO						NO
Impact 5	Development Cost	Negative	Definite		2	1	3	3	5	2						0						0
Mitigation Measures:	<i>Develop Site 1.</i>				LOW	ISO	MED	OCCUR		LOW						NO						NO
					2	1	3	3	5	2						0						0
					LOW	ISO	MED	OCCUR		LOW						NO						NO
COMBINED WEIGHTED RATING	BEFORE MITIGATION	Positive	Probable		1.7	1.7	2	2.8		1						5	5	4	5			4.7
	AFTER MITIGATION <i>(If mitigation is effective / possible this rating wil decrease)</i>	Positive	Probable		LOW	STUDY	SHORT	COULD		VLOW						Neg	VHIGH	NAT	LONG	OCCUR		VHIGH
					2	1.7	2.2	3.3		1.3						0	0	0	0			0
					LOW	STUDY	MED	VLIKE		LOW						Neg	NO	#N/A	#N/A	#N/A		NO
STATUS QUO	INITIAL BASELINE IMPACTS TO ENVIRONMENT	Positive	Possible		2	3	3	5		2.7						2	3	3	5			2.7
					LOW	LOCAL	MED	OCCUR		MOD						LOW	LOCAL	MED	OCCUR			MOD
CUMULATIVE IMPACT	INITIAL IMPACTS TO ENVIRONMENT + ADDITIONAL IMPACTS FROM PROJECT, BEFORE MITIGATION	Positive	Possible		3	3	3	5		3						5	5	4	5			4.7
					MOD	LOCAL	MED	OCCUR		MOD						Neg	VHIGH	NAT	LONG	OCCUR		VHIGH
					3	3	3	5		3						5	5	4	5			4.7
					MOD	LOCAL	MED	OCCUR		MOD						Neg	VHIGH	NAT	LONG	OCCUR		VHIGH
RESIDUAL IMPACT	INITIAL IMPACTS TO ENVIRONMENT + ADDITIONAL IMPACTS FROM PROJECT, AFTER MITIGATION	Positive	Possible		3	3	3	5		3						5	5	4	5			4.7
					MOD	LOCAL	MED	OCCUR		MOD						Neg	VHIGH	NAT	LONG	OCCUR		VHIGH

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 Reviewed By:

ALTERNATIVES:

IMPACT DESCRIPTION	Direction of Impact	Degree of Certainty	Site 1						Site 3A + 3B						"NO-GO"						
			Weighting	Magnitude	Spatial	Temporal	Probability	Impact Risk	Weighting	Magnitude	Spatial	Temporal	Probability	Impact Risk	Weighting	Magnitude	Spatial	Temporal	Probability	Impact Risk	
INF-1	<i>Infrastructure</i>																				
	CONSTRUCTION PHASE		5							5											
Impact 1	Interruption of Electrical Services	Negative	Definite	5	5	5	2	5	4	5	5	5	2	5	4	5	0			0	
Mitigation Measures:	Construct Tx lines before switching				VHIGH	NAT	SHORT	OCCUR	HIGH		VHIGH	NAT	SHORT	OCCUR	HIGH	1	NO			NO	
					0				0		0				0		0			0	
					NO				NO		NO				NO		NO			NO	
Impact 2	Traffic interruptions	Negative	Possible	5	3	2	2	3	1.4		0				0		0			0	
Mitigation Measures:	None required				MOD	STUDY	SHORT	COULD	LOW		NO				NO		NO			NO	
					1	2	2	3	1		0				0		0			0	
					VLOW	STUDY	SHORT	COULD	VLOW		NO				NO		NO			NO	
COMBINED WEIGHTED RATING	BEFORE MITIGATION	Negative	Definite		5	5	2	5	4		5	5	2	5	4		0	0	0	0	0
	AFTER MITIGATION (If mitigation is effective / possible this rating wil decrease)	No Impact	Definite		VHIGH	NAT	SHORT	OCCUR	HIGH		VHIGH	NAT	SHORT	OCCUR	HIGH		NO	#N/A	#N/A	#N/A	NO
					1	2	2	3	1		1	2	2	3	1		0	0	0	0	0
					VLOW	STUDY	SHORT	COULD	VLOW		VLOW	STUDY	SHORT	COULD	VLOW		NO	#N/A	#N/A	#N/A	NO
STATUS QUO	INITIAL BASELINE IMPACTS TO ENVIRONMENT	Negative	Probable		3	2	3	5	2.7		3	2	3	5	2.7		3	2	3	5	2.7
					MOD	STUDY	MED	OCCUR	MOD		MOD	STUDY	MED	OCCUR	MOD		MOD	STUDY	MED	OCCUR	MOD
CUMULATIVE IMPACT	INITIAL IMPACTS TO ENVIRONMENT + ADDITIONAL IMPACTS FROM PROJECT, BEFORE MITIGATION	Negative	Probable		5	5	3	5	4.3		5	5	3	5	4.3		3	2	3	5	2.7
					VHIGH	NAT	MED	OCCUR	VHIGH		VHIGH	NAT	MED	OCCUR	VHIGH		MOD	STUDY	MED	OCCUR	MOD
RESIDUAL IMPACT	INITIAL IMPACTS TO ENVIRONMENT + ADDITIONAL IMPACTS FROM PROJECT, AFTER MITIGATION	Negative	Probable		3	2	2	4	1.9		3	2	2	4	1.9		3	2	3	5	2.7
					MOD	STUDY	SHORT	VLIKE	LOW		MOD	STUDY	SHORT	VLIKE	LOW		MOD	STUDY	MED	OCCUR	MOD

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Reviewed By:

ALTERNATIVES:

	IMPACT DESCRIPTION	Direction of Impact	Degree of Certainty	Site 1					Site 3A + 3B					"NO-GO"							
				Weighting	Magnitude	Spatial	Temporal	Probability	Impact Risk	Weighting	Magnitude	Spatial	Temporal	Probability	Impact Risk	Weighting	Magnitude	Spatial	Temporal	Probability	Impact Risk
V-1	Visual																				
	CONSTRUCTION PHASE			5						5											
Impact 1	Visual impact of barrier system installation (all infrastructure)	Negative	Definite	5	3	2	2	5	2.3	5	3	2	2	5	2.3	1	0				0
Mitigation Measures:	Revegetate topsoil stockpiles, construction site screening				MOD	STUDY	SHORT	OCCUR	MOD		MOD	MOD	STUDY	SHORT	OCCUR		MOD	NO			
					2	2	2	5	2		2	2	2	5	2		0				0
					LOW	STUDY	SHORT	OCCUR	LOW		LOW	STUDY	SHORT	OCCUR	LOW		NO				NO
Impact 2	Visual impact of starter wall - Ash Dam	Negative	Definite	5	3	2	2	5	2.3	5	3	2	2	5	2.3		0				0
Mitigation Measures:	None possible				MOD	STUDY	SHORT	OCCUR	MOD		MOD	MOD	STUDY	SHORT	OCCUR		MOD	NO			
					2	2	2	5	2		2	2	2	5	2		0				0
					LOW	STUDY	SHORT	OCCUR	LOW		LOW	STUDY	SHORT	OCCUR	LOW		NO				NO
Impact 3	Visual impact of Ash Return Water Dam	Negative	Definite	5	3	2	2	5	2.3	5	3	2	2	5	2.3		0				0
Mitigation Measures:	Revegetate exposed areas, construction site screening				MOD	STUDY	SHORT	OCCUR	MOD		MOD	MOD	STUDY	SHORT	OCCUR		MOD	NO			
					2	2	2	5	2		2	2	2	5	2		0				0
					LOW	STUDY	SHORT	OCCUR	LOW		LOW	STUDY	SHORT	OCCUR	LOW		NO				NO
Impact 4	Visual impact of relocated Tx Lines	Negative	Definite	3	0				0	3	0				0		0				0
Mitigation Measures:	None required.				NO				NO		NO	NO		NO					NO		NO
					0				0		0				0		0				0
					NO				NO		NO				NO		NO				NO
Impact 5	Visual impact of construction of associated infrastructure	Negative	Definite	3	3	2	2	4	1.9	3	3	2	2	4	1.9		0				0
Mitigation Measures:	Revegetate exposed areas, construction site screening				MOD	STUDY	SHORT	VLIKE	LOW		LOW	LOW	STUDY	SHORT	VLIKE		LOW	NO			
					2	2	2	3	1.2		2	2	2	3	1.2		0				0
					LOW	STUDY	SHORT	COULD	LOW		LOW	STUDY	SHORT	COULD	LOW		NO				NO
COMBINED WEIGHTED RATING	BEFORE MITIGATION	Negative	Definite		2.2	1.4	1.4	3.5	1.2		2.2	1.4	1.4	3.5	1.2		0	0	0	0	0
	AFTER MITIGATION (If mitigation is effective / possible this rating wil decrease)	Negative	Definite		1.4	1.4	1.4	3.4	1		1.4	1.4	1.4	3.4	1		0	0	0	0	0
					LOW	STUDY	SHORT	VLIKE	VLOW		LOW	STUDY	SHORT	VLIKE	VLOW		NO	#N/A	#N/A	#N/A	NO
STATUS QUO	INITIAL IMPACTS TO ENVIRONMENT	Negative	Probable		4	3	4	5	3.7		4	3	4	5	3.7		4	3	4	5	3.7
					HIGH	LOCAL	LONG	OCCUR	HIGH		HIGH	LOCAL	LONG	OCCUR	HIGH		HIGH	LOCAL	LONG	OCCUR	HIGH
CUMULATIVE IMPACT	INITIAL IMPACTS TO ENVIRONMENT + ADDITIONAL IMPACTS FROM PROJECT, BEFORE MITIGATION	Negative	Probable		4	3	4	5	3.7		4	3	4	5	3.7		4	3	4	5	3.7
					HIGH	LOCAL	LONG	OCCUR	HIGH		HIGH	LOCAL	LONG	OCCUR	HIGH		HIGH	LOCAL	LONG	OCCUR	HIGH
RESIDUAL IMPACT	INITIAL IMPACTS TO ENVIRONMENT + ADDITIONAL IMPACTS FROM PROJECT, AFTER MITIGATION	Negative	Probable		4	3	4	5	3.7		4	3	4	5	3.7		4	3	4	5	3.7
					HIGH	LOCAL	LONG	OCCUR	HIGH		HIGH	LOCAL	LONG	OCCUR	HIGH		HIGH	LOCAL	LONG	OCCUR	HIGH

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Reviewed By:

ALTERNATIVES:

IMPACT DESCRIPTION	Direction of Impact	Degree of Certainty	Site 1						Site 3A + 3B						"NO-GO"						
			Weighting	Magnitude	Spatial	Temporal	Probability	Impact Risk	Weighting	Magnitude	Spatial	Temporal	Probability	Impact Risk	Weighting	Magnitude	Spatial	Temporal	Probability	Impact Risk	
ArCH-1	<i>Archaeology, Palaeontology, Cultural Heritage</i>																				
CONSTRUCTION PHASE			5						5						5						
Impact 1	NO ADDITIONAL IMPACT	No Impact	1	0					0	0					0	0				0	
				NO					NO	NO					NO	NO				NO	NO
Mitigation Measures:	<i>None required.</i>			0					0	0					0	0				0	0
				NO					NO	NO					NO	NO				NO	NO
COMBINED WEIGHTED RATING	BEFORE MITIGATION	No Impact	Definite	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
				NO	#N/A	#N/A	#N/A	NO	NO	#N/A	#N/A	#N/A	NO	NO	#N/A	#N/A	#N/A	NO	NO	#N/A	NO
	AFTER MITIGATION	No Impact	Definite	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	<i>(If mitigation is effective / possible this rating wil decrease)</i>			NO	#N/A	#N/A	#N/A	NO	NO	#N/A	#N/A	#N/A	NO	NO	#N/A	#N/A	#N/A	NO	NO	#N/A	NO
STATUS QUO	INITIAL BASELINE IMPACTS TO ENVIRONMENT	No Impact	Definite	0					0	0					0	0				0	
				NO					NO	NO					NO	NO				NO	NO
CUMULATIVE IMPACT	INITIAL IMPACTS TO ENVIRONMENT + ADDITIONAL IMPACTS FROM PROJECT, BEFORE MITIGATION	No Impact	Definite	0					0	0					0	0				0	
				NO					NO	NO					NO	NO				NO	NO
RESIDUAL IMPACT	INITIAL IMPACTS TO ENVIRONMENT + ADDITIONAL IMPACTS FROM PROJECT, AFTER MITIGATION	No Impact	Definite	0					0	0					0	0				0	
				NO					NO	NO					NO	NO				NO	NO