

Nature and Consequences of impact	Duration / Frequency of activity likely to cause impact	Geographical Extent	Severity (level of damage caused) if impact were to occur	Probability of impact without mitigation	Significance before application of Mitigation Measures	Will activity cause irreplaceable loss of resources?	Mitigation	Probability of impact after mitigation	Significance after application of Mitigation Measures
The following table rates impacts after the application of mitigation measures and operates on a scale of 0-14. A score of between 1 and 5 is rated as low. A score of between 6 and 10 is rated as medium. A score of between 11 and 14 is rated as high.	0 = No impact 1 = short term / once off 2 = medium term / during operation 3 = long term / permanent	0 = No impact 1 = point of impact / restricted to site 2 = local / surrounding area 3 = regional	0 = No impact 1 = minor; 3 = medium 5 = major	0 = No impact 1 = Low 2 = Medium 3 = High	1 - 5 = low. 6 - 10 = medium. 11 - 14 = high.	10 = Yes 0 = No	0 = No impact - 5 = can be fully mitigated - 3 = can be partially mitigated - 1 = unable to be mitigated	0 = No impact 1 = Low 2 = Medium 3 = High	1 - 5 = low. 6 - 10 = medium. 11 - 14 = high.
	A	B	C	D	Significance	E	F	G	Significance
<b>Construction</b>									
1. Clearing of the site resulting in the loss of vegetation within the KwaZulu-Natal Highland Thornveld (Gs 6) vegetation type.	3	1	1	2	7	0	-3	1	5
2. Disturbance during the construction of the hospital resulting in the encroachment of alien vegetation into disturbed areas i.e. Castor Oil.	2	1	1	2	6	0	-5	0	1
3. Improper management of stormwater on site resulting in sedimentation of the downstream wetland system.	2	2	1	1	6	0	-5	1	2
4. Excavations during construction impacting on possible palaeontological resources.	1	3	0	0	4	0	-5	1	0
5. Positive impacts for the local community include the potential for local employment during construction.	0	0	0	0	0	0	0	0	0
6. Loss of grassland habitat for fauna currently utilising the site.	2	1	1	1	5	0	-5	1	1
7. Negative visual, hydrological or ecological impacts on the Wagendrift Nature Reserve.	1	2	1	1	5	0	-5	0	0
<b>Operation</b>									
1. Improper management of stormwater on site resulting in sedimentation of the downstream wetland system.	2	2	3	1	8	0	-5	1	4
2. Increase in traffic on the road network disrupting existing traffic conditions.	2	2	1	1	6	0	-5	1	2
3. The proposed Estcourt Private Hospital will provide a private health care facility to Estcourt and surrounding area.	0	0	0	0	0	0	0	0	0
4. Improper disposal of medical waste during the operation of the hospital.	2	1	5	1	9	0	-5	1	5
5. Retention of open space connectivity in the western portion of the site.	0	0	0	0	0	0	0	0	0
<b>Alternative 1</b>									

1. There will be clearing of up to 2.1 hectares of vegetation for the construction of the Estcourt Private Hospital.	3	1	1	2	7	0	-3	1	5
2. Sedimentation of the downstream wetland system.	2	2	1	2	7	0	-5	1	3
3. Loss of grassland habitat for fauna currently utilising the site.	2	1	1	2	6	0	-3	1	4
4. Retention of open space connectivity in the western portion of the site.	3	2	1	3	9	0	-3	3	9
<b>Cumulative</b>									
1. Increased pressure on the municipal services for bulk water provision and sewage disposal.	2	2	3	1	8	0	-5	1	4
2. Potential for contamination of surrounding environmental and groundwater should the conservancy tank not be managed efficiently or if there is a leak.	2	2	3	1	8	0	-5	1	4

