

| IMPACT DESCRIPTION | | | | Pre-Mitigation | | | | | | | Post Mitigation | | | | | | | Priority Factor Criteria | | | | |
|--------------------|---|---------------|-------------------|----------------|--------|----------|-----------|---------------|-------------|-------------------|-----------------|--------|----------|-----------|---------------|-------------|--------------------|--------------------------|-------------------|--------------------|-----------------|-------------|
| Identifier | Impact | Alternative | Phase | Nature | Extent | Duration | Magnitude | Reversibility | Probability | Pre-mitigation ER | Nature | Extent | Duration | Magnitude | Reversibility | Probability | Post-mitigation ER | Confidence | Cumulative Impact | Irreplaceable loss | Priority Factor | Final score |
| 1 | Disturbance / destruction of sites of heritag | Alternative 1 | Construction | -1 | 1 | 1 | 1 | 1 | 1 | -1 | -1 | 1 | 1 | 1 | 1 | 1 | -1 | High | 1 | 1 | 1,00 | -1 |
| 2 | Disturbance / destruction of graves | Alternative 1 | Construction | -1 | 1 | 1 | 1 | 1 | 1 | -1 | -1 | 1 | 1 | 1 | 1 | 1 | -1 | High | 1 | 1 | 1,00 | -1 |
| 3 | Disturbance / destruction of palaeontologic | Alternative 1 | Construction | -1 | 1 | 1 | 1 | 1 | 1 | -1 | -1 | 1 | 1 | 1 | 1 | 1 | -1 | High | 1 | 1 | 1,00 | -1 |
| 4 | Destruction, loss and fragmentation of the | Alternative 1 | Construction | -1 | 1 | 1 | 2 | 2 | 2 | -3 | -1 | 1 | 1 | 2 | 2 | 1 | -1,5 | Medium | 1 | 1 | 1,00 | -1,5 |
| 5 | Introduction or spread of alien plant specie | Alternative 1 | Construction | -1 | 2 | 1 | 2 | 2 | 3 | -5,25 | -1 | 1 | 1 | 1 | 2 | 1 | -1,25 | High | 1 | 1 | 1,00 | -1,25 |
| 6 | Introduction or spread of alien plant specie | Alternative 1 | Operation | -1 | 2 | 3 | 2 | 2 | 2 | -4,5 | -1 | 1 | 3 | 1 | 2 | 1 | -1,75 | High | 1 | 1 | 1,00 | -1,75 |
| 7 | Introduction or spread of alien plant specie | Alternative 1 | Rehab and closure | -1 | 2 | 4 | 2 | 2 | 3 | -7,5 | -1 | 1 | 4 | 1 | 2 | 1 | -2 | High | 1 | 1 | 1,00 | -2 |
| 8 | Erosion due to storm water runoff | Alternative 1 | Operation | -1 | 2 | 1 | 2 | 2 | 3 | -5,25 | -1 | 1 | 1 | 2 | 2 | 1 | -1,5 | Medium | 1 | 1 | 1,00 | -1,5 |
| 9 | Mortality / disturbance of wildlife due to incr | Alternative 1 | Construction | -1 | 1 | 1 | 2 | 1 | 2 | -2,5 | -1 | 1 | 1 | 2 | 1 | 1 | -1,25 | Medium | 1 | 1 | 1,00 | -1,25 |
| 10 | Spontaneous Combustion | Alternative 1 | Operation | -1 | 1 | 3 | 1 | 2 | 2 | -3,5 | -1 | 1 | 1 | 1 | 2 | 1 | -1,25 | Medium | 1 | 1 | 1,00 | -1,25 |
| 11 | Spontaneous Combustion | Alternative 1 | Rehab and closure | -1 | 1 | 4 | 1 | 2 | 2 | -4 | -1 | 1 | 1 | 1 | 2 | 1 | -1,25 | Medium | 1 | 1 | 1,00 | -1,25 |
| 12 | Noise | Alternative 1 | Construction | -1 | 2 | 1 | 2 | 2 | 2 | -3,5 | -1 | 2 | 1 | 2 | 2 | 1 | -1,75 | High | 1 | 1 | 1,00 | -1,75 |
| 13 | Noise | Alternative 1 | Operation | -1 | 2 | 3 | 2 | 2 | 2 | -4,5 | -1 | 2 | 3 | 2 | 2 | 1 | -2,25 | High | 1 | 1 | 1,00 | -2,25 |
| 14 | Surface water quality | Alternative 1 | Construction | -1 | 4 | 1 | 3 | 2 | 2 | -5 | -1 | 4 | 1 | 3 | 2 | 1 | -2,5 | Medium | 1 | 1 | 1,00 | -2,5 |
| 15 | Surface water quality | Alternative 1 | Operation | -1 | 4 | 3 | 3 | 2 | 2 | -6 | -1 | 4 | 3 | 3 | 2 | 1 | -3 | Medium | 1 | 1 | 1,00 | -3 |
| 16 | Surface water quality | Alternative 1 | Rehab and closure | -1 | 4 | 4 | 3 | 2 | 2 | -6,5 | -1 | 4 | 4 | 3 | 2 | 1 | -3,25 | Medium | 1 | 1 | 1,00 | -3,25 |
| 17 | Groundwater quality | Alternative 1 | Operation | -1 | 3 | 3 | 3 | 3 | 3 | -9 | -1 | 3 | 3 | 3 | 3 | 1 | -3 | High | 1 | 1 | 1,00 | -3 |
| 18 | Groundwater quality | Alternative 1 | Rehab and closure | -1 | 3 | 4 | 3 | 3 | 3 | -9,75 | -1 | 3 | 4 | 3 | 3 | 1 | -3,25 | High | 1 | 1 | 1,00 | -3,25 |
| 19 | Reduction in air quality | Alternative 1 | Construction | -1 | 4 | 1 | 2 | 2 | 4 | -9 | -1 | 4 | 1 | 2 | 2 | 1 | -2,25 | Medium | 1 | 1 | 1,00 | -2,25 |
| 20 | Reduction in air quality | Alternative 1 | Operation | -1 | 4 | 3 | 3 | 2 | 5 | -15 | -1 | 4 | 3 | 2 | 2 | 1 | -2,75 | Medium | 1 | 1 | 1,00 | -2,75 |
| 21 | Reduction in air quality | Alternative 1 | Decommissioning | -1 | 4 | 1 | 2 | 2 | 4 | -9 | -1 | 4 | 1 | 2 | 2 | 1 | -2,25 | Medium | 1 | 1 | 1,00 | -2,25 |
| 22 | Reduction in air quality | Alternative 1 | Rehab and closure | -1 | 4 | 4 | 2 | 2 | 4 | -12 | -1 | 4 | 4 | 2 | 2 | 1 | -3 | Medium | 1 | 1 | 1,00 | -3 |
| 23 | Visual - Change of Landscape Character | Alternative 1 | Construction | -1 | 1 | 1 | 1 | 1 | 2 | -2 | -1 | 1 | 1 | 1 | 1 | 2 | -2 | Medium | 1 | 1 | 1,00 | -2 |
| 24 | Visual - Change of Landscape Character | Alternative 1 | Operation | -1 | 3 | 4 | 1 | 3 | 2 | -5,5 | -1 | 3 | 4 | 1 | 3 | 2 | -5,5 | Medium | 2 | 1 | 1,13 | -6,1875 |
| 25 | Visual - Change of Landscape Character | Alternative 1 | Decommissioning | -1 | 3 | 4 | 2 | 3 | 2 | -6 | -1 | 3 | 4 | 1 | 3 | 2 | -5,5 | Medium | 1 | 1 | 1,00 | -5,5 |
| 26 | Visual - Impact on Urban Edge, Adjacent R | Alternative 1 | Construction | -1 | 1 | 1 | 1 | 1 | 2 | -2 | -1 | 1 | 1 | 1 | 1 | 2 | -2 | Medium | 1 | 1 | 1,00 | -2 |
| 27 | Visual - Impact on Urban Edge, Adjacent R | Alternative 1 | Operation | -1 | 3 | 4 | 1 | 3 | 2 | -5,5 | -1 | 3 | 4 | 1 | 3 | 2 | -5,5 | Medium | 2 | 1 | 1,13 | -6,1875 |
| 28 | Visual - Impact on Urban Edge, Adjacent R | Alternative 1 | Decommissioning | -1 | 3 | 4 | 2 | 3 | 2 | -6 | -1 | 3 | 4 | 1 | 3 | 2 | -5,5 | Medium | 1 | 1 | 1,00 | -5,5 |
| 29 | Employment opportunities | Alternative 1 | Planning | 1 | 5 | 1 | 2 | 2 | 1 | 2,5 | 1 | 5 | 1 | 2 | 2 | 1 | 2,5 | Medium | 1 | 1 | 1,00 | 2,5 |
| 30 | Employment opportunities | Alternative 1 | Construction | 1 | 1 | 1 | 2 | 2 | 1 | 1,5 | 1 | 1 | 1 | 2 | 2 | 1 | 1,5 | Medium | 1 | 1 | 1,00 | 1,5 |
| 31 | Employment opportunities | Alternative 1 | Operation | 1 | 1 | 3 | 2 | 2 | 1 | 2 | 1 | 1 | 3 | 2 | 2 | 1 | 2 | Medium | 1 | 1 | 1,00 | 2 |
| 32 | Employment opportunities | Alternative 1 | Decommissioning | 1 | 1 | 1 | 2 | 2 | 1 | 1,5 | 1 | 1 | 1 | 2 | 2 | 1 | 1,5 | Medium | 1 | 1 | 1,00 | 1,5 |
| 33 | Employment opportunities | Alternative 1 | Rehab and closure | 1 | 1 | 4 | 2 | 2 | 1 | 2,25 | 1 | 1 | 4 | 2 | 2 | 1 | 2,25 | Medium | 1 | 1 | 1,00 | 2,25 |
| 34 | Safety aspects related to residue stability | Alternative 1 | Rehab and closure | -1 | 1 | 5 | 4 | 5 | 2 | -7,5 | -1 | 1 | 4 | 3 | 5 | 1 | -3,25 | Medium | 1 | 1 | 1,00 | -3,25 |