

Appendix A10.2: Contaminated Land Indirect Impact Assessment

1.1.1 This appendix provides a risk assessment within Table 1 for cuttings which could potentially draw in contaminated groundwater from identified contamination sources (details of each contamination source are provided in Appendix A10.1 and locations provided on Figure 10.2) which then needs to be discharged, supporting Chapter 10 (Geology, Soils, Contaminated Land and Groundwater).

Table 1: Potential indirect contaminated land impacts during construction

Cutting	Sources	Likelihood	Magnitude	Impact Significance
W2	PK-C1	Likely	Mild	Moderate/Low
C1	PK-C1, PK-C2, PK-C37, PK-C38, PK-C44	Low	Mild	Low
C1	PK-C19	Low	Medium	Moderate/Low
C3	PK-C1, PK-C2, PK-C5, PK-C27, PK-C28, PK-C37, PK-C38, PK-C44	Low	Mild	Low
C3	PK-C19, PK-C20, PK-C21	Low	Medium	Moderate/Low
C3	PK-C26, PK-C46	Likely	Mild	Moderate/Low
C4	PK-C1, PK-C2, PK-C5, PK-C27, PK-C38, PK-C46	Low	Mild	Low
C4	PK-C20, PK-C21	Low	Medium	Moderate/Low
C4	PK-C26	Likely	Mild	Moderate/Low
CS1	PK-C15, PK-C16, PK-C25, PK-C32, PK-C33, PK-C34, PK-C35	Low	Mild	Low
CS1	PK-C1	Likely	Mild	Moderate/Low
CS1	PK-C3	Likely	Medium	Moderate
CS1	PK-C23	Low	Medium	Moderate/Low
CS4	PK-C1	Likely	Mild	Moderate/Low
CS4	PK-C2	Low	Mild	Low
CS5	PK-C57	Low	Mild	Low
CS5	PK-C1, PK-C56	Likely	Mild	Moderate/Low
CS7	PK-C15, PK-C16, PK-C32, PK-C33, PK-C34, PK-C35	Low	Mild	Low
CS7	PK-C3, PK-C13, PK-C23	Low	Medium	Moderate/Low
CS7	PK-C1	Likely	Mild	Moderate/Low
CS8	PK-C1, PK-C2	Likely	Mild	Moderate/Low
CS9	PK-C1, PK-C2	Low	Mild	Low
CS10	PK-C2	Low	Mild	Low
CS10	PK-C1	Likely	Mild	Moderate/Low
Basin D	PK-C8, PK-C9, PK-C40, PK-C41, PK-C47	Low	Mild	Low
Basin D	PK-C1	Likely	Mild	Moderate/Low
Basin G	PK-C1, PK-C2, PK-C37	Likely	Low	Moderate/Low
Basin G	PK-C19	Low	Medium	Moderate/Low
Basin I	PK-C1, PK-C2	Likely	Mild	Moderate/Low
CC3	PK-C1, PK-C5	Likely	Mild	Moderate/Low