

ANNEX P: Preliminary Stability Assessment

Feature	Severity Rating	Extent
Settlement		
Erosion		
Lateral Movement		
Frost Action		
Sloughing		
Cracking		
Animal Burrows		
Vegetation Establishment		
Staining		
Vegetation Stress		
Seepage/Ponded Water		
Debris and/or Liner exposure		
Other		
Overall Landfill Performance		

Performance/ Severity Rating	Description
Acceptable	Noted features are of little consequence. The landfill is performing as designed. Minor deviations in environmental or physical performance may be observed, such as isolated areas of erosion, settlement.
Marginal	Physical/environmental performance appears to be deteriorating with time. Observations may include an increase in size or number of features of note, such as differential settlement, erosion or cracking. No significant impact on landfill stability to date, but potential for failure is assessed as low or moderate.
Significant	Significant or potentially significant changes affecting landfill stability, such as significant changes in slope geometry, significant erosion or differential settlement; scarp development. The potential for failure is assessed as imminent.
Unacceptable	Stability of landfill is compromised to the extent that ability to contain waste materials is compromised. Examples may include: <ul style="list-style-type: none"> - Debris exposed in erosion channels or areas of differential settlement. - Liner exposed. - Slope failure.

Extent	Description
Isolated	Singular feature
Occasional	Features of note occurring at irregular intervals/locations
Numerous	Many features of note, impacts less than 50% of the surface area of the landfill
Extensive	Impacts greater than 50% of the surface area of the landfill