

# Appendix 3

## Leachate Generation Rates

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The rate of leachate generation under the current condition scenario and remediation scenarios were compared. The rate of leachate generation is directly dependent on the rainfall infiltration rate to the waste material. As stated above, the installation of an improved landfill cap is reflected in the model through the application of a reduced cap design infiltration rate (FTC, 2019).

### Leachate Generation Rates (FTC, 2019)

Site Scenario	Time slice (years)	95%-ile (l/day)	50%-ile (l/day)	5%-ile (l/day)
Current	10	64362	64362	64362
	50	12950	12950	12950
	100	12950	12950	12950
Remediation (Cap only)	10	64362	64362	64362
	50	2661	1627	927
	100	2661	1627	927
Remediation (Cap and Leachate Control)	10	64362	64362	64362
	50	2788	1671	921
	100	2788	1671	921

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