

## What are the steps in completing the EA study?

Completion of the EA study will be undertaken in a series of nine steps which are described below. The steps are described fully in the Terms of Reference.

Step listed in Terms of Reference		Description/Explanation
1	Characterize the existing environmental conditions	Complete technical studies (e.g., groundwater, surface water, traffic, air quality, archeology, etc.) on the area.
2	Identify the 'Alternative Methods' of landfill expansion	Develop different vertical (higher) and/or lateral (northern or eastern) expansion alternatives.
3	Qualitative evaluation of 'Alternative Methods'	Determine the potential impact of each of the different expansion alternatives on the area.
4	Compare the 'Alternative Methods' for landfill expansion and identify the preferred alternative	Select the expansion alternative that has the least overall impact.
5	Determine the net effects of the preferred alternative	Detailed assessments will be completed on the potential impacts from the preferred expansion alternative.
6	Describe the preferred 'Alternative Method' for landfill expansion	Prepare a detailed description of the preferred expansion alternative and confirm how leachate (water that has contacted garbage) will be managed.
7	Consideration of climate change	Look at how climate change (e.g. larger rainfall events) may impact the project and how to reduce the project's contribution to climate change.
8	Cumulative Impact Assessment	Consider the cumulative impact of expansion of the W12A Landfill with other facilities in the area.
9	Preparation of the EA Study Report	Prepare the EA Study Report for review by stakeholders.