

Position Description

PART 1 – POSITION DETAILS

Position Title: Project Engineer

Position Number: KEEPD43

Last updated: July 2021

Grade: Professional Specialist Band Level 1

Reports to: Engineer & Environmental Compliance Manager

Status: Permanent full time

Hours: 70 hours per fortnight

*PART 2 – POSITION DESCRIPTION**Main Purpose*

The Project Engineer will provide a range of services to support the ongoing environmental compliance and best practice engineering standards of the Kimbriki Resource Recovery Centre.

Key Responsibilities

1. Perform landfill gas emissions monitoring as required by the site Environmental Protection Licence and in accordance with the NSW EPA Landfill Guidelines.
2. Perform dust monitoring.
3. Conduct environmental inspections of the site, prepare reports and collate recommended corrective actions proposed by key stakeholders.
4. Update site erosion and sediment controls plans, soil and water management plans, environmental management plans, PIRMP and other management plans as required.
5. Monthly reporting on the performance of the landfill gas collection system.
6. Monthly reporting on the performance of the leachate treatment plant and associated dams, pumps and pipelines.
7. Conduct land surveys for various structures including temporary roads and access tracks, landfill bund walls, landfill gas collection infrastructure, landfill cells and stormwater structures.
8. Assist with landfill planning and design, including use of 12D modelling software.
9. Assist with construction management and supervision activities, including works inspections, CQA testing and reporting.
10. Maintain environmental monitoring equipment and monitor inventory of sampling and testing equipment.
11. Assist with monitoring and reporting of leachate management activities, including the leachate treatment plant.
12. Support site capital works projects through the provision of inspections, design review, surveying, etc.
13. Assist in documenting procurement processes and other business activities related to the operation of the landfill and the site more broadly.
14. Liaise with and review the activities of environmental contractors on site including weed control, vegetation maintenance, landfill gas infrastructure maintenance, erosion and sediment control infrastructure maintenance, etc.
15. Provide occasional support to Eco House and Garden through the provision of site tours.
16. Exercise Responsibility, Accountability and Authority as outlined in KEE's Integrated Management System and the Safety, Environment and Quality Policy.
17. Other duties as directed.

PART 3 – SELECTION CRITERIA

Essential Criteria

1. Tertiary Qualifications in engineering or environmental science.
2. Strong interest in environmental issues and the value of resource recovery and responsible waste management.
3. Excellent written and oral communication skills, including ability to communicate with a range of stakeholders.
4. Demonstrated administration skills.
5. Ability to show initiative and versatility within a team environment.
6. Demonstrated ability to organise and prioritise work to meet deadlines.
7. Excellent computer skills, experience with Excel.
8. Behaviour that positively demonstrates Kimbriki's values of respect, integrity, teamwork, excellence and responsibility.
9. Current NSW Driver's Licence (Class C or above).

Desirable Criteria

1. Experience with AutoCAD and / or 12D (3D modelling software).