



GVL Odor Monitoring and Management Plan – Landfill Gas

Project Profile

Background

Green Valley Landfill in Hong Kong was receiving multiple odor complaints from the surrounding residential community. The source of the odor was landfill gas and GVL desired to mitigate the odors and implement a community outreach program to improve communications and reduce/eliminate odor complaints.

DEI Scope of Work

DEI was hired to visit the site and the community and develop a mitigation plan to eliminate odor and to develop a community outreach plan.

DEI Team Activities

- Conducted a week long monitoring and evaluation of the source of off-site odor
- Conducted a thorough review of the landfill gas collection system
- Made recommendations for collection system improvements
- Performed construction management services related to the implementation of these improvements
- Prepared and assisted in implementation of a community outreach program
- Conducted training for personnel operating the collection system and performing monitoring of on- and off-site areas for the presence of odor

Results

The client implemented all of DEI's recommendations and odor complaints were drastically reduced resulting in site compliance with air quality standards.

DEI

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