

Minutes of Meeting

Location: Robinson Deep Landfill Time: 11:00 GMT+2
Date: 2021-08-11 Reference: CoJ Biomethane

Project: Organic Waste to Biomethane Plant – Phase 2 : Stage 4 Contracting

Subject: Site Visit

Purpose

The aim of this document is to guide the site visit of the contractors for the CoJ Biomethane Project during the tender response period.

Attendance

Present

[AF] Attie Ferreira – DBSA Project Manager
[[NR] Nandi Rambau DIBA SHEQ Agent
[

Apologies

[DB] Darius Boshoff – Energidrop Owners Engineer (Available Remotely)

CHAIRPERSON: Attie Ferreira

NO	ITEM	LED BY
1.	Opening, Welcome and Purpose of Meeting	Chairperson (AF)
2.	Signing of Attendance Register	All
3.	Description of Site	Chairperson (AF)
4.	Planned Walk Through	Chairperson (AF)
5.	Questions and Answers Methodology	Chairperson (AF)
6.	Interfaces	Chairperson (AF)
7.	Offsite activities	Chairperson (AF)
8.	Walk Through	Chairperson (AF)
9.	Closing meeting	Chairperson (AF)

NO	ITEM	LED BY
10.	JMPD site visit	All
11.	JFPM site visit (contractors at their own time)	All

1 Contact Details

Pikitup – Waste management company owned by CoJ operating the landfill and the site on which the project is located. Alex van Zyl is the maintenance manager 082 855 9266

Energy Systems - Landfill gas operator and generation plant owners. Supplier of heat and electricity to the project. Alan Soloman is the maintenance manager 082854 6504.

Johannesburg Metro Police Department – neighbours and site custodians where compost maturation will be done. Danie Marais is the maintenance manager 0844161138

Johannesburg Fresh Produce Market – supplier of organic waste to the project. Site is open 24/7.

2 Important Locations

1. Parking for visitors (current)
2. Substation - This needs refurbishment to function as a Small Scale Embedded Generator and to allow for the Biomethane plant connection and Waste heat to energy connection from Energy Systems.).
3. Main Entrance - A separate contractor is busy with the entrance and internal road, stormwater and leachate system upgrades. This detail will be shared with the EPC contractor once finalised. (-26.231613932206837, 28.042806747890857)
4. Energy Systems plant entrance
5. Energy Systems Joburg Landfill gas project gas inlet (and biogas tie in point)
6. Energy Systems Joburg Landfill gas heat offtake point – The contractor to install duty and standby heat exchangers that can connect to at least two of the existing generator cooling systems
7. Energy Systems Joburg Landfill gas waste heat derived electricity offtake point - Expected to be upto 170 kWe capacity.
8. JMPD gate (-26.227476937168102, 28.03999869547836)
9. JMPD shed to be used for composting and storage
10. JFPM gate (-26.227771295035186, 28.08166313317791)
11. JFPM waste collection area (-26.232370562367144, 28.077115013477552)
12. Location of old incinerator equipment
13. Location of wall to be replaced
14. Location of structures to be removed

15. Location of in ground diesel tanks to be removed
16. Location of old weighbridge to be removed
17. Location of trees to be removed
18. Location of driver training building to be repurposed for management offices.
19. Weighbridges - existing operated by Pikitup
20. Leachate pond - WULA to be expanded by another contractor on site to also allow for digestate liquid fraction receiving.
21. Egoli Gas connection point - this point is to be connected to the backup boiler, backup generator and as a backup natural gas supply to the compression filling station.
22. Main waste processing building – to be re-sheeted and height extended to allow for tipping of waste transport vehicles.
23. Internal platform – this platform was originally used for offices in the incinerator building but now is to be repurposed for a picking line which is raised so that contaminants can be dropped down chutes into bins.

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Project Name: Biomethane Plant
Project No.: ED002 Phase 2
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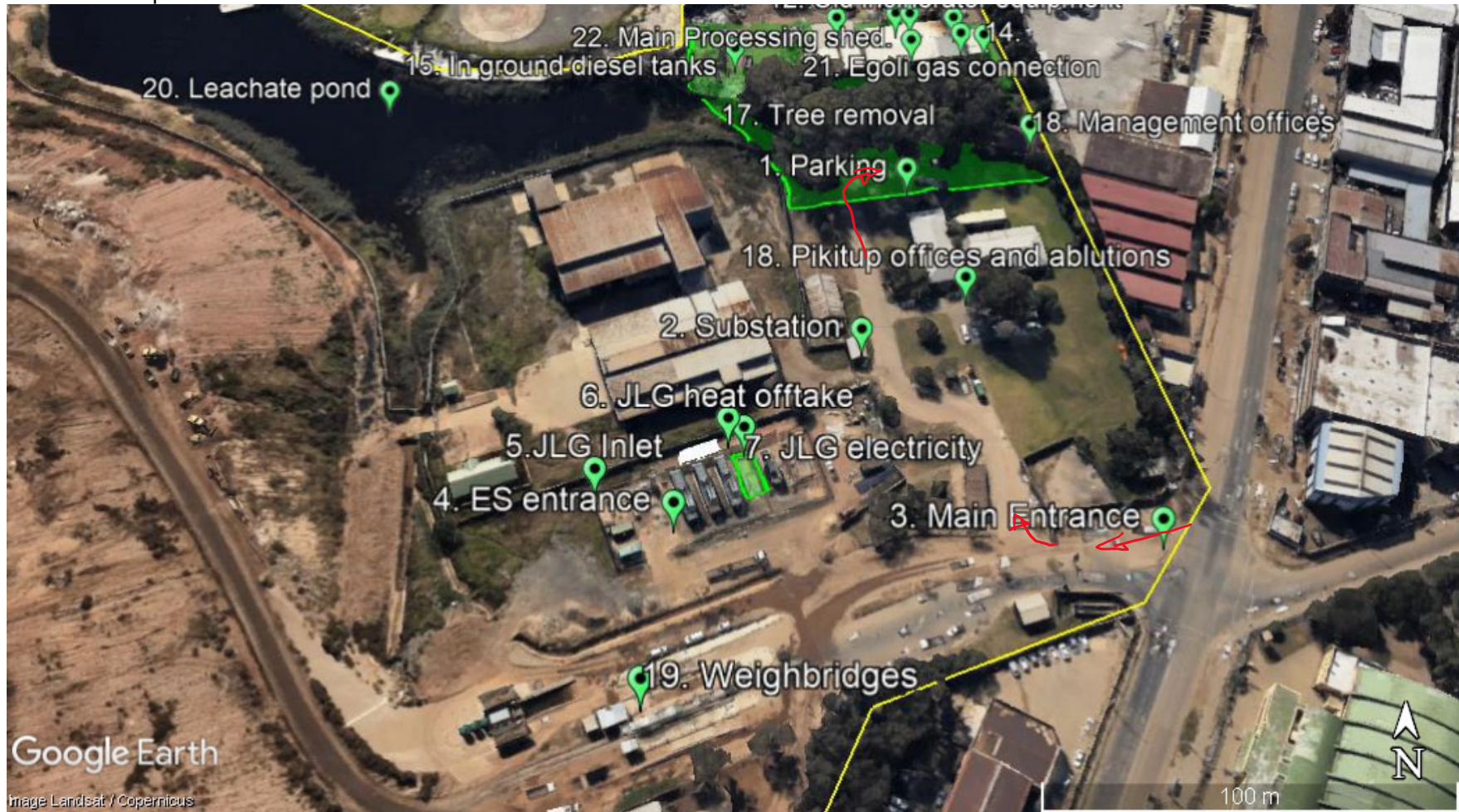


2.1 ***Site Maps***

Client Name: COJ & DBSA
Project Name: Biomethane Plant
Project No.: ED002 Phase 2
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Robinson Deep Site



Client Name: COJ & DBSA
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CoJ Biomethane Site



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JMPD Site



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JFPM site



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2.2 ***Attendance Register***

Project Name:	
Date:	
Venue:	
Project Number:	

Name and Surname	Company	Designation	Tel & Email	Signature

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Document Approval

	Name	Signature	Date
Prepared	D.R.K. Boshoff		
Accepted	A. Ferreira		
Approved	M. Baker		