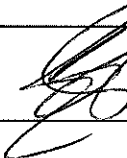


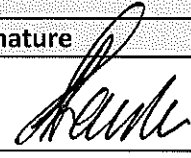
	SHEC MANAGEMENT SYSTEM	Doc no:	SHEC 3.2
		Rev no:	001
	3. SAFE OPERATING PROCEDURES & METHOD STATEMENTS	Rev date:	28/10/2021
		File name:	214 - MS-005-Waste Management

Contract no: #214

Contract name: Hemel en Aarde

METHOD STATEMENT 005 – INTEGRATED WASTE MANAGEMENT

BASELINE CIVIL CONTRACTORS (PTY) LTD SUBMISSION FOR ACCEPTANCE				
	Name	Designation	Date	Signature
Prepared	Christoff Els	Site Agent	29/10/2021	
Approved	Thomas Moolman	Contracts Manager	29/10/2021	
Submitted	Christoff Els	Site Agent	29/10/2021	

ENGINEERS APPROVAL				
	Name	Designation	Date	Signature
Engineers Acceptance	G. LAUNDER	SUPERVISOR	02/11/2021	 ACCEPTED
Environmental Acceptance				

WHAT work is to be undertaken?

Handling solid waste, litter and hazardous waste

WHERE are the works to be undertaken?

Hemel en Aarde (Hermanus) and Caledon

WHEN are the works to start, what is the anticipated finish date?

September 2021 - December 2022

HOW are the works to be undertaken?

Resources

Labour

- Labourers;
- Operators;
- Supervisor(s).

Plant and equipment

- LDV's;
- Trailer;
- 3 m³ tipper truck;
- 10 m³ tipper truck;
- Loader or TLB's;
- Excavator;
- Hand tools (Shovels).

Material

- Firefighting equipment (on plant);
- Adequate warning signage on site;

PPE

- Overall (if labourer or operator)
- Safety boots
- gloves
- reflective vest
- dust mask (if windy and dusty)
- Safety glasses (if windy and dusty)
- Ear plugs in areas with high noise volumes

Method description

1. The works

1.1. Solid waste

- 1.1.1. Solid waste will be kept in the site camp within a demarcated area
- 1.1.2. Construction rubble, like pipe off-cuts for example, will be collected and removed from the construction site and stored in a designated spoil area in the surroundings of the site camp
- 1.1.3. Once a load is assembled, this will be taken to a registered dump site. In excessively windy conditions, such loads to be covered with a tarpaulin.
- 1.1.4. Proof that the load was dumped at a registered dumpsite must be obtained and submitted to the Supervisor for record purposes.

1.2. Litter

- 1.2.1. Litter bins with wind and scavenger proof lids will be placed in the construction site camp, office and laboratory areas and will be clearly labelled, indicating the type of waste allowed to be disposed therein.
- 1.2.2. The litter bins will be regularly emptied at a registered dump site.
- 1.2.3. Waste disposal records to be obtained and available on file.
- 1.2.4. Empty cement bags will be stored in a closed-off ready fence panel cage or empty 200L drums to protect them against wind distribution.
- 1.2.5. Once there is enough litter for a full load in this cage and drums, it will then be disposed of at a registered dump site.
- 1.2.6. Full cement bags will be stored in a steel container on pallets if the quantity is small and bulk cement bag deliveries for stabilization will be stored on pallets on a hard stand area in the site camp.
- 1.2.7. Any bags removed from the site camp and not used will be returned at night.
- 1.2.8. Regular clean up parades will be conducted.
- 1.2.9. No litter shall be burned or buried on site.

1.3. Hazardous waste

- 1.3.1. Any old oils and diesel (including oil rags) generated from machines will be removed from site by our site mechanics
- 1.3.2. These hydrocarbon products will be stored in closed containers within a bund area or drip trays (10cm deep) until removed from site.
- 1.3.3. It will be taken back to our head office workshop from where an approved subcontractor collects and disposes thereof at a registered dump site.
- 1.3.4. Delivery and collection dockets for this waste are kept at our head office and can be issued as proof of disposal.
- 1.3.5. Other hazardous waste will also be stored in a bund area and will be removed and disposed of at approved registered dump sites.

1.4. Sewage removal

- 1.4.1. Sewage will be removed on a weekly basis with our internal honey sucker truck
- 1.4.2. Sewage will be dumped at an approved local authorised location.

2. Health and safety

- 2.1. All employees will be inducted prior to site access.
- 2.2. PPE will be provided to ensure that harmful contact with any fuel, oil, grease and gas does not occur.
- 2.3. Risk assessments will be used to train all site personnel on all risks within this working environment.
- 2.4. MSDS for different types of hazardous chemicals to be available and communicated to potentially affected employees.
- 2.5. Machine operators will be medically tested and deemed fit, and authorized in writing.
- 2.6. Employees will attend annual medical evaluation by an occupational health practitioner to evaluate their health
- 2.7. All machine operators will be licensed and competent.

- 2.8. Daily, weekly and monthly monitoring, reviewing and reporting will be done on site
- 2.9. Emergency control numbers and procedures will be readily available on site at all times.
- 2.10. All the required warning and safety signage will to be obtained and displayed strategically.
- 2.11. All incidents and accidents will be reported immediately to the H&S Officer.

3. Environmental

- 3.1. All employees will be inducted prior to site access by the DEO.
- 3.2. All areas used for storing of waste will be pre-approved by the ECO, GNEC.
- 3.3. All areas will be demarcated and where hazardous waste is present there will be a bund area constructed and ground coverage will be placed to reduce the risk of natural ground exposure.
- 3.4. Waste will be stored within a safe distance from water sources and plantation.
- 3.5. Signage will be placed at no-go areas.
- 3.6. All works will be monitored and minimum environmental disturbance will be enforced.
- 3.7. All incidents and accidents will be reported immediately to the DEO and ECO.