ENVIRONMENTAL SITE INSPECTION

Revision 1

Project and Site Information			
Date	03-07-2025	**Site Location**	HAV1 Repl.: -34.398490°; 19.209445° T4/5: -34.375420°; 19.246203°
Time	09:30	**Site Owner**	HAV1 Repl.: Overstrand Municipality T4/5: Bouchard Finlayson Winery
Project Title	972 – Hemel en Aarde Expansion	**Inspected By**	ECO Melissa Weeks
Contract	SC2504_2024 Civil, Mechanical & Electrical	**Stage / Status during Inspection**	HAV1 Repl.: The electrical box has been installed. T4/5: Pump installation is on hold due to a blockage down the borehole; and the trenching for pipeline installation is in progress. The electrical box has been installed. There were no Contractors onsite at the time of the inspection due to wet weather conditions. Note: The site camp at T4/5 will serve for both it and HAV1 Repl.
Corresponding Method Statement	Environmental Method Statement: Supply and Install Mechanical, Electrical and Civil Borehole Hermanus	**Environmental Method Statement Date**	17-02-2025

Summary of Non-Compliance Issues				
Site / Area	**Aspect**	**Date Identified**	**Date Corrected**	**Action Taken**
T4/5	The drip tray beneath the excavator onsite is broken and needs to be replaced.	14-03-2025	03-04-2025	The Contractor was requested to obtain a new drip tray.
	The excavator arm is leaking oil, which is currently dripping onto the excavator itself rather than the ground. However, the ground beneath is not protected by a drip tray, creating a risk of contamination if the oil starts to drip further.	14-03-2025	03-04-2025	Although no oil has spilled onto the ground yet, the Contractor was instructed to place a drip tray beneath the arm as a precaution and to either repair the leak or remove the excavator from the site. On the 20-03-2025 it was noted by the ECO that a drip tray has been placed below the dripping arm of the excavator. On the 27-03-2025 it was noted that a cloth was used to temporarily stop the dripping of oil from the excavator.

Summary of Non-Compliance Issues				
Site / Area	**Aspect**	**Date Identified**	**Date Corrected**	**Action Taken**
HAV1 Repl. & T4/5	There are no bins onsite.	14-03-2025	25-04-2025	The Contractor was requested to obtain bins for general, hazardous and recycling waste.
T4/5	There are no environmental (“dos and don’ts”) posters/signs on display at the site camp.	14-03-2025	27-03-2025	The Contractor was requested to display an environmental awareness poster.
HAV1 Repl.	There is no smoking area defined onsite.	20-03-2025	27-03-2025	The Contractor was requested to set up a smoking area with a nearby fire extinguisher.
	Partial Compliance. There is no defined eating area for staff onsite.	20-03-2025	10-04-2025	The Contractor was requested to define an eating area onsite.
	Partial Compliance. The toilet is latched from the outside to prevent animals from entering but is not secured to prevent toppling.	20-03-2025	03-04-2025	The Contractor was requested to secure the toilet to the ground.
	There were no fire extinguishers onsite.	20-03-2025	27-03-2025	The Contractor was requested to take a fire extinguisher from the site camp to HAV1 Repl. every time they are working onsite.
HAV1 Repl. & T4/5	The working area at HAV1 Repl. has been demarcated with danger tape, but T4/5 has not been.	27-03-2025	03-04-2025	The Contractor was requested to demarcate the working area using temporary fencing.
	Disposal of both general waste and brush-cut alien vegetation has been completed. The Contractor reported that no disposal slips were issued by the municipal facilities.	03-04-2024	08-04-2025	The ECO visited the municipal facility to enquire about proof of disposal for the alien vegetation. Staff explained that they do not typically provide official stamps or signatures. However, a logbook of incoming vehicle registration plates is maintained. The ECO has requested that, if permitted, the Contractor take a photo of the logbook showing their vehicle’s entry. The general waste facility does issue disposal slips when vehicles go over the weighbridge. If not, staff are usually willing to sign a slip provided by the Contractor. On 08-04-2025 the Contractor confirmed that they had attempted to obtain a disposal slip for the waste that had already been offloaded. However, the facility would not issue a slip retrospectively. Going forward, the Contractor has been instructed to use the weighbridge to ensure proper disposal documentation is provided.
HAV1 Repl.	An oily fuel drum has been used for staff to store their lunch bags. It is unclear whether the oil was present beneath the bags during the inspection on 10-04-2025.	17-04-2025	24-04-2025	The Contractor was requested to immediately remove the oily drum from site and place it in the container at site camp.

Summary of Non-Compliance Issues				
Site / Area	**Aspect**	**Date Identified**	**Date Corrected**	**Action Taken**
	Partial Compliance. Two small cement spills have been observed at HAV1 Repl.	17-04-2025	22-04-2025	The Contractor was requested to pick these up and place them with the excess rubble that is stored on a plastic sheet adjacent to the pumphouse for disposal.
	A small amount of litter was seen around the site area.	29-04-2025	29-04-2025	The Contractor immediately cleaned up the litter.
Site Camp	Partial Compliance. The Contractor does not have a copy of the MSDS for Bricure (cement sealant) onsite.	08-05-2025	29-05-2025	The Contractor was requested to obtain a copy of this MSDS for the site file. The ECO tried finding this online but was unsuccessful.
HAV1 Repl.	Partial Compliance. A section of the barrier fence around the site has blown over.	19-05-2025	05-06-2025	The Contractor was requested to reinstate the barrier fence. Note: on the 29-05-2025 a section of the barrier fence has been removed. The Contractor was requested to reinstate the barrier fence.
	Partial Compliance. The toilet onsite is secured to the ground but not latched.	19-05-2025	29-05-2025	The Contractor was requested to ensure that the toilets onsite are always latched closed to prevent animals from entering.
T4/5	The Contractor has separated the topsoil from the subsoil but has not demarcated the topsoil.	19-05-2025	29-05-2025	The Contractor was requested to cover topsoil with netting to ensure it is kept separate from subsoil and not mistakenly used as such.
	Partial Compliance. Topsoil has not yet been cleared along the pipeline route in some areas where the excavators are operating. If not removed promptly, it is at risk of becoming compacted.	19-05-2025	29-05-2025	The Contractor was instructed to remove the topsoil along the excavator route before excavation work continues.
	Topsoil stockpiles have not been covered with netting.	19-05-2025	30-06-2025	The ECO requested netting be placed over topsoil stockpiles for demarcation and to prevent erosion. 05-06-2025: Majority of the topsoil stockpiles have been covered with shade cloth, but not all.
	Some sections of the barrier tape have been buried by subsoil stockpiles which have been placed outside of the demarcated area.	29-05-2025	13-06-2025	The Contractor was requested to reinstate the danger tape.
	One generator onsite was correctly placed inside a drip tray, while the other was not. Additionally, the crane truck did not have any drip trays beneath it.	29-05-2025	05-06-2025	The Contractor was instructed to ensure that all generators are placed inside drip trays and not directly on the ground, and that all vehicles have appropriate drip trays positioned underneath them.

Summary of Non-Compliance Issues				
Site / Area	**Aspect**	**Date Identified**	**Date Corrected**	**Action Taken**
	Subsoil stockpiles have been placed outside of the demarcated area on top of vegetation.	05-06-2025	Pending	The Contractor was requested to seek advice from the Rehabilitation Specialist on how to remove the soil without damaging the underlying vegetation. Note: The Contractor has been instructed by the Rehabilitation Specialist to remove the subsoil by hand to prevent damage to vegetation and topsoil.
	The majority of the trench remains open due to time constraints and the approaching rainy season, which has made it difficult for the Contractor to complete trenching and backfilling in smaller sections as outlined in the EMS.	05-06-2025	03-07-2025	The Contractor is making a consistent effort to comply with all other EMS conditions and continue work responsibly under the circumstances.
	The large excavator onsite is leaking oil from underneath onto a plastic sheet. This is a new leak and unrelated to the leak identified on 14-03-2025. No evidence of spills beneath the sheet are evident.	13-06-2025	03-07-2025	The Contractor was requested to repair the excavator or remove it from site. 19-06-2025: A small amount of oil dripped outside of the plastic area onto the ground despite the excavator being repaired. The small spill was immediately picked up. The Contractor was requested to repair the excavator again. 26-06-2025: A small amount of oil dripped onto the ground despite the excavator being repaired for a second time. There was no drip tray or plastic mitigation in place to protect the ground. The excavator was repaired but not cleaned, and it is suspected that the oil comes from excess oil left behind after the repair on top of the barrier plates beneath the excavator. The small spill was immediately picked up and the Contractor was requested to repair the excavator again and clean the bottom of the machine to determine the source of the leak.
	Partial Compliance. A small amount of cement spilled outside the shuttering.	13-06-2025	19-05-2025	The Contractor was requested to wait for the cement to dry and then pick it up and dispose of it as rubble.
Site Camp	The Electrical Contractor was to be inducted by the primary Contractor ahead of the installation of the electrical boxes. When the Contractor was asked to provide the ECO with an induction register, none could be provided.	03-07-2025	Pending	The Contractor was requested to induct the Electrical Contractor and provide the ECO with a copy of the attendance register.

Summary of Non-Compliance Issues				
Site / Area	**Aspect**	**Date Identified**	**Date Corrected**	**Action Taken**
T4/5	Partial Compliance. The plastic beneath the small excavator had blown out from beneath the machine. The large excavator had drip trays beneath it, however, they were full of rainwater.	03-07-2025	Pending	The Contractor was not onsite at the time of the inspection but was requested to rectify.

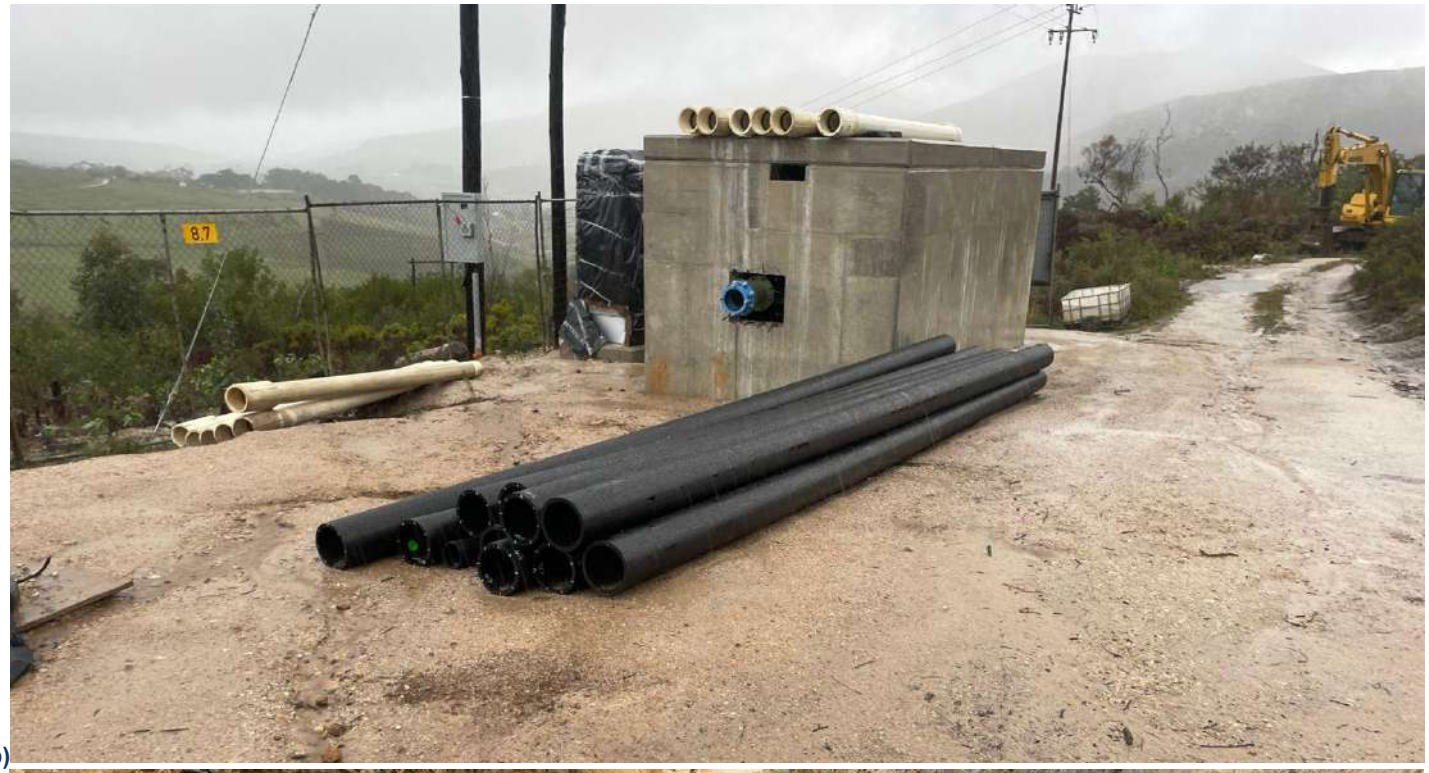
Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
General				
Is the overall appearance of the site visually acceptable and tidy?	**Yes**	**No**	**N/A**	Correctly implemented at HAV1 Repl. and T4/5. A security guard has been posted at HAV1 Repl. to guard the newly installed electrical infrastructure. The ECO completed a site induction with him. See section “Environmental Awareness Training” below.



(a)

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)

(b)

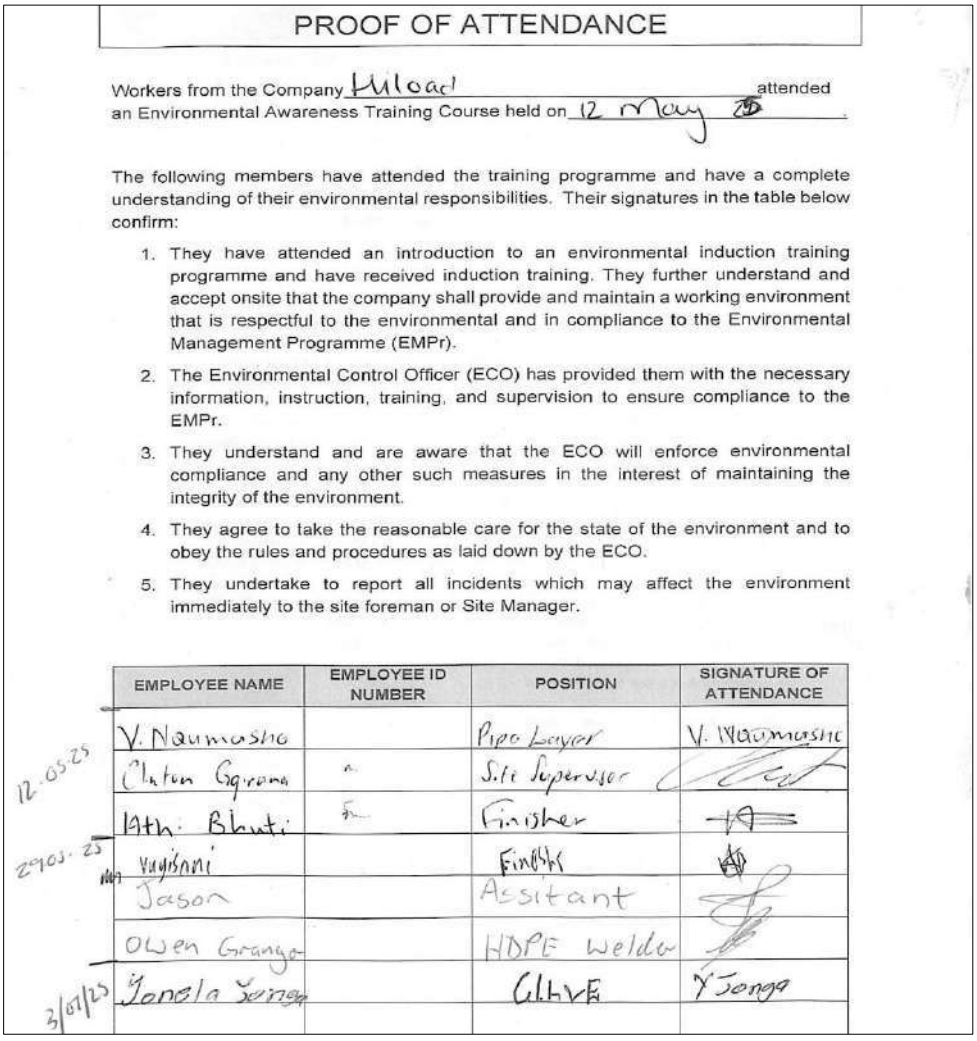


(c)



03-07-2025, 09:30 – An electrical box has been installed, and a security guard has been posted at HAV1 Repl. (a). There has been no change to the pump house at T4/5 (b). Trenching and laying of the pipeline is in progress at T4/5 (c), and majority of the trench is now closed.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
A copy of the EMS will always be available onsite in the site file.	Yes	No	N/A	A copy of the EMS is available in the site file.
Environmental Awareness Training				
The Contractor ensures that all employees, and those of their Sub-Contractor, attend an Environmental Awareness Training Course (EATC), conducted by the ECO. The training will cover key environmental features of the working area, its surroundings, and the environmental controls outlined in this specification.	Yes	No	N/A	An EATC was given to staff on the 24-02-2025 at the Contractors offices. Further training has been given by the ECO to local labour and/or Subcontractors onsite on the 20-03-2025, 03-04-2025, 12-05-2025, 19-05-2025, and 29-05-2025. The new security guard at HAV1 Repl. was inducted by the ECO on the 03-07-2025. The Electrical Contractor was to be inducted by the primary Contractor ahead of the installation of the electrical boxes, but when the Contractor was asked to provide the ECO with an induction register, none could be provided. The ECO has requested that the Contractor induct the Electrical Contractor as soon as possible and provide the ECO with a copy of the attendance register.



PROOF OF ATTENDANCE

Workers from the Company Hiload attended an Environmental Awareness Training Course held on 12 May 25.

The following members have attended the training programme and have a complete understanding of their environmental responsibilities. Their signatures in the table below confirm:

1. They have attended an introduction to an environmental induction training programme and have received induction training. They further understand and accept onsite that the company shall provide and maintain a working environment that is respectful to the environmental and in compliance to the Environmental Management Programme (EMPr).
2. The Environmental Control Officer (ECO) has provided them with the necessary information, instruction, training, and supervision to ensure compliance to the EMPr.
3. They understand and are aware that the ECO will enforce environmental compliance and any other such measures in the interest of maintaining the integrity of the environment.
4. They agree to take the reasonable care for the state of the environment and to obey the rules and procedures as laid down by the ECO.
5. They undertake to report all incidents which may affect the environment immediately to the site foreman or Site Manager.

EMPLOYEE NAME	EMPLOYEE ID NUMBER	POSITION	SIGNATURE OF ATTENDANCE
V. Naumasho		Pipe Layer	V. Naumasho
Clinton Gqirana		Site Supervisor	
Mthi Bhuti		Finisher	
Yuyisani		Finisher	
Jason		Assitant	
Owen Granga		HDPE Welder	
Yanela Jonga		Client	Y Jonga

12.05.25
29.05.25
3/07/25

03-07-2025, 09:30 – EATC was given to the new security guard onsite at HAV1 Repl.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
The initial EATC shall be held within 28 days from the Commencement Date, and subsequent courses shall be arranged for new employees coming onto Site after the initial training course. Provision shall also be made for refresher courses to be undertaken on a quarterly basis during the Contract	Yes	No	N/A	As above.
The Contractor provides proof of attendance by all their employees in the form of a signed attendance register for each session. All environmental training registers are kept on file.	Yes	No	N/A	As above.
Site Division, Demarcation and "No-Go" Areas				
The location, layout and establishment of the Contractors camp shall be approved by the ECO prior to the start of establishment.	Yes	No	N/A	Correctly implemented at both sites.
The Contractor restricts all their activities, materials, plant equipment and personnel to within the Site or any working areas specified or indicated on the drawings.	Yes	No	N/A	Correctly implemented at both sites.
Permanent and/or temporary fences have been erected and maintained in the locations specified in the Scope of Work or drawings, and, if specified, before the commencement of any construction activities.	Yes	No	N/A	Correctly implemented at both sites.
Where environmentally sensitive areas are specified as "no-go" areas, no person, plant, equipment, or material shall enter these areas at any time, in accordance with the Contractor's authority.	Yes	No	N/A	Correctly implemented. No staff have been seen outside of the working area.
Access Routes/Haul Roads				
The Contractor controls the movement of all vehicles and construction equipment, including those of suppliers and subcontractors, ensuring they remain on designated routes and are distributed to prevent undue traffic concentration. All vehicle and equipment movement complies with relevant laws. The movement of such vehicles and construction equipment is planned and operated to minimise disruption to regular users of the routes.	Yes	No	N/A	Correctly implemented.
As far as possible the Contractor uses existing access and haul routes.	Yes	No	N/A	Correctly implemented.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Any damage to existing access roads caused by construction activities has been repaired to the satisfaction of the Engineer using material similar to the original. The cost of repairs has been covered by the Contractor.	**Yes**	**No**	**N/A**	The road leading to HAV1 Repl. is slowly being damaged by erosion, which happens regularly in this area. As the site has been temporarily closed, this is not the fault of the Contractor but general, normal degradation. The Contractor will repair the road should it be deemed necessary for access. Some erosion damage has been observed at T4/5. The Contractor will repair the road should it be deemed necessary for access.

(a)



(b)



03-07-2025, 09:30 – Erosion damage along the access road at both HAV1 Repl. (a) and T4/5 (b).

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
No new access roads or tracks have been constructed without the Landowner's consent.	Yes	No	N/A	Correctly implemented.
Where new routes are required to gain site access, prior approval from the Engineer and ECO have been obtained. New access routes disturb the smallest possible area, avoid all "no-go" areas, and follow natural contours where possible.	Yes	No	N/A	No new routes are required at this stage.
Vehicle trips have been kept to a minimum to reduce vegetation damage, and all equipment has remained on the demarcated access route.	Yes	No	N/A	Correctly implemented. Vehicles are not driving over vegetation outside of working areas.
All directional signage for vehicle and equipment movement required by the Contractor, their Subcontractors or Suppliers is of an approved design and located as approved by the Engineer.	Yes	No	N/A	No directional signage is currently required.
Eating Areas				
The Contractor has designated eating areas within the approved camp.	Yes	No	N/A	Correctly implemented at the site camp at T4/5. The eating area at HAV1 Repl. has been removed as the Contractor is not onsite. The security guard is eating inside the hut at HAV1 Repl.
The feeding of, or leaving of food for, animals is strictly prohibited.	Yes	No	N/A	No food is left out for animals.
Sufficient bins are provided in specified areas, and lockable bins are used where required to prevent animal access (especially baboons).	Yes	No	N/A	Correctly implemented. See section "Solid Waste Management, Litter and Refuse".
Any cooking onsite is done on well-maintained gas cookers with valid fire extinguishers present. No open fires for cooking purposes are permitted under any circumstances.	Yes	No	N/A	No cooking is being done onsite.
Materials Handling, Use and Storage				
The Contractor shall ensure that any delivery drivers and visitors to site are informed of all procedures and restrictions. A visitor's register has been kept on file.	Yes	No	N/A	Correctly implemented.
Materials shall be appropriately secured to ensure safe passage between destinations. Loads, will be secured appropriately to prevent them spilling from the vehicle during transit.	Yes	No	N/A	Correctly implemented.
The Contractor shall be responsible for any clean up resulting from the failure by their Employees or Suppliers to properly secure transported materials.	Yes	No	N/A	No clean-up has been required.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
All manufactured and/or imported materials shall, where reasonably possible, be stored within the Contractor's camp and, if so required by the Engineer/ECO, out of the rain.	Yes	No	N/A	Correctly implemented. Pipeline sections have been stored in the trench opposite the site camp at T4/5. Further building material has been stored in the containers and in a fenced off area next to the Contractors site camp. No materials are being stored at HAV1 Repl.
The location and method of protection of such materials stored outside of the Contractor's camp and the method of rehabilitation of these areas, shall be subject to the Engineer/ECO's approval. Stockpile areas shall be approved by the Engineer/ECO before any stockpiling commences.	Yes	No	N/A	Correctly implemented.
Handling, Use and Storage of Hazardous Substances				
Surfaces where hydrocarbon spills may occur are adequately prepared to prevent pollution.	Yes	No	N/A	Correctly implemented.
The ECO has been informed of all hazardous substances stored onsite, and MSDSs have been provided.	Yes	No	N/A	MSDSs for petrol, diesel, cement, and Bricure are available in the site file.
Hazardous substances are stored in an appropriate area, in leak proof containers which are correctly labelled. Bunding the area will be required if necessary, as per the ECO.	Yes	No	N/A	Correctly implemented at the site camp and T4/5. There are no hazardous substances at HAV1 Repl.
Spills are immediately contained, the source is isolated, and the spillage is removed. Cleanup is conducted by applying absorbent material or by removing contaminated soil.	Yes	No	N/A	No further leaks or spills were observed by the ECO during the inspection, and as such, no spills have occurred since the 26-06-2025.
Treatment or remediation of the spill is done to the satisfaction of the ECO, with waste disposed of at a licensed facility and disposal slips provided to the ECO.	Yes	No	N/A	As above. The contaminated material is stored inside the storage container at the site camp.
Hydrocarbon Management (Fuels, Oils and lubricants)				
Hydrocarbon storage area is located where it does not pose a risk to sensitive ecosystems and or traffic and staff safety.	Yes	No	N/A	Correctly implemented. All fuel is stored in the container at the site camp at T4/5. See photograph in section "Handling, Use and Storage of Hazardous Substances" above. There is no machinery or equipment at HAV1 Repl.
Surfaces, where the possibility of hydrocarbon spillage exists, are prepared in such a way as to mitigate these risks.	Yes	No	N/A	Partial compliance. The plastic beneath the small excavator had blown out from beneath the machine. The large excavator had drip trays beneath it, however, they were full of rainwater. The Contractor was not onsite at the time of the inspection but was requested to rectify.
Drip trays are placed under all parked or stationary plant/vehicles/machinery, and these containers are inspected to ensure no leakage occurs.	Yes	No	N/A	As above.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)

(a)



(b)



03-07-2025, 09:30 – Plastic sheeting blew out from beneath the small excavator onsite (a). The large excavator onsite had drip trays beneath it but they were full of rainwater (b).

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Diesel/fuel is stored in sound storage tanks or in bowsers, and the tanks/bowsers are placed within a bunded area or on an area where the ground has been protected.	Yes	No	N/A	Correctly implemented. See section “Handling, Use and Storage of Hazardous Substances” above.
A spill kit is available on-site at all times, and unauthorized access to the fuel storage area is prevented.	Yes	No	N/A	A spill kit is available at the site camp at T4/5.
No smoking is permitted near the fuel storage area.	Yes	No	N/A	Correctly implemented. Smoking occurs at the site camp at T4/5. The security guard is smoking inside the hut at HAV1 Repl. The cigarette buds are kept in a bottle as an ash tray. See section “Fire Control” below.
The Contractor has ensured that there is adequate fire-fighting equipment at the fuel stores.	Yes	No	N/A	Correctly implemented. See section “Fire Control” below.
Fuel containers are secured during transport.	Yes	No	N/A	Correctly implemented.
The surface under the refuelling area is protected against pollution to the ECO's satisfaction prior to refuelling activities. Equipment is refuelled with the use of drip trays.	Yes	No	N/A	No refuelling has been observed by the ECO.
Plant				
Equipment selection and operation are done with environmental degradation minimized, and equipment operators are made aware of environmental requirements and controls. Environmental training registers are kept on file onsite.	Yes	No	N/A	Correctly implemented. All machine operators have received Environmental Awareness Training by the ECO. See section “Environmental Awareness Training” above.
Equipment Maintenance and Storage				
Leaking equipment or vehicles emitting noticeably excessive fumes are repaired immediately or removed from Site.	Yes	No	N/A	The large excavator onsite is no longer leaking oil.
Vehicles and machinery are serviced off-site, or if onsite maintenance is necessary, it is done outside sensitive areas, with prior approval from the Engineer and ECO. Portable drip trays on plastic are used to collect waste oil and lubricants to prevent environmental contamination.	Yes	No	N/A	No repairs are required at this stage.
Drip trays are provided in construction areas for stationary/parked equipment, inspected and emptied daily, and monitored during rain events to prevent overflow. The Contractor ensures that equipment is covered so that rainwater is excluded from the drip trays.	Yes	No	N/A	Partial compliance. See photograph in section ”Hydrocarbon Management (Fuels, Oils and Lubricants)” above.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Oil from drip trays is stored in clean drums on protected ground and removed regularly to an oil-recycling centre. Proof of disposal is kept on file onsite.	Yes	No	N/A	The amount of oil in drip trays has been minimal and is not sufficient to be stored in a drum for recycling. The Contractor is wiping excess oil with a rag and placing the rags into the solid hazardous waste drum in the storage container at T4/5 to be disposed of in due course. Proof of disposal still to be provided when disposed of.
Washing of equipment onsite is strictly prohibited.	Yes	No	N/A	No washing of equipment covered in hydrocarbons has occurred. Washing of cement covered tools has been allowed. See section "Cement and Concrete Batching" below.
Cement and Concrete Batching				
Batching will only occur in areas which are located on a smooth impermeable surface (concrete or 250 pm plastic) and cement is batched (mixed) in a bunded area within the boundaries of the development footprint.	Yes	No	N/A	Concrete work is complete for now.
Cement is stored within weatherproof facilities/covered to prevent environmental contamination.	Yes	No	N/A	Correctly implemented. Cement bags are kept in the container at the site camp at T4/5.
All wastewater resulting from batching of cement/concrete is disposed of via the contaminated water management system and is not discharged into the environment.	Yes	No	N/A	No washing of tools is currently occurring.
Waste water from cement/concrete works and tool washing will be directed into a sump lined with bidim.	Yes	No	N/A	Sumps have not been dug at the site camp at T4/5 as the Contractor is washing tools in a water drum. The Contractor was reminded that no washing of tools at HAV1 Repl. is allowed due to there being no sump or water drum onsite. Tools are to be cleaned in the drum at T4/5 only.
Once work is complete the bidim sump will be removed and the waste material will be disposed of at a licenced facility.	Yes	No	N/A	Not required at this stage. Waste sediments are allowed to settle at the bottom of the drum and will be disposed of at a licenced facility when necessary.
Diversion berms are installed to direct contaminated water to a storage area, and contaminated water storage areas are protected from overflow, rain, and flooding.	Yes	No	N/A	Not required at this stage.
Sand, aggregate, cement or additives used during the mixing process are stored and appropriately and to prevent contamination of the surrounding environment.	Yes	No	N/A	As above.
Empty cement bags are stored in weatherproof containers to prevent contamination and are disposed of regularly through the hazardous waste management system.	Yes	No	N/A	Empty cement bags were placed in with general waste for disposal when required.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Reasonable measures are taken by the Contractor to prevent cement/concrete spillage during batching and construction. The ground beneath the shoots of cement trucks shall be protected with plastic sheeting.	Yes	No	N/A	No cement works are currently underway. The small amount of cement which had spilled outside the shuttering at T4/5 on 13-06-2025 has been cleaned up by the Contractor (no photograph was taken). No cement spills have been observed at HAV1 Repl.
Spoiled or excess aggregate/cement/concrete is removed and disposed of through the solid waste management system, with a disposal certificate retained in the site file.	Yes	No	N/A	There is currently no excess rubble at either site.
Ablution and Toilet Facilities				
Washing, defecating, and urinating are only permitted at designated facilities.	Yes	No	N/A	No washing, defecating, or urinating has occurred outside of toilet facilities at either site.
Ablution facilities, including shelter, toilets, and washing facilities, are provided by the Contractor for all personnel onsite. Toilet facilities are provided at a ratio of at least 1 toilet per 30 workers (1:15 preferred).	Yes	No	N/A	Correctly implemented at both sites.
Toilet facilities are located within the Contractor's camp, but also at work areas remote from the camp, all to the satisfaction of the ECO.	Yes	No	N/A	Correctly implemented at both sites.
All portable toilets are adequately secured to the ground to prevent them toppling over because of wind or any other cause, and latched closed to prevent fauna getting in.	Yes	No	N/A	Correctly implemented at both sites.
The Contractor has ensured that the entrances to these toilets are maintained in a hygienic state, serviced regularly, that no spillage occurs when they are cleaned and that contents are removed from Site.	Yes	No	N/A	Correctly implemented at both sites.
Discharge of waste from toilets into the environment and burial of waste is strictly prohibited.	Yes	No	N/A	No waste from toilets has been buried.
No ablution facilities are located closer than 50 m to any watercourse, wetland or other surface water body.	Yes	No	N/A	Correctly implemented at both sites.
Water Use				
Water is conserved wherever possible, with efforts to minimize usage and immediate attention given to any wastage.	Yes	No	N/A	Correctly implemented.
Water for potable use is sourced from a legal source, and the Contractor absolves the Employer of all risk or liability regarding compliance with relevant statutory obligations.	Yes	No	N/A	Correctly implemented. Water for construction at both sites is taken from the municipal line running from the old HAV1 borehole. The water is transported to T4/5 in jerry cans.
Water is not abstracted from private property without the prior written approval of the Landowner.	Yes	No	N/A	Correctly implemented. Permission was given to the Contractor by the Overstrand Municipality to use the groundwater from the old HAV1 borehole.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Only non-potable water from an approved source is used for construction activities such as dust suppression, etc.	Yes	No	N/A	Correctly implemented.
Water for construction purposes is bought to site in bowsers and stored in appropriately if required.	Yes	No	N/A	Water for T4/5 is transported in jerry cans when needed. It has been stored in an open container onsite and is used for the washing of cement covered tools when required, in lieu of a bidim-lined sump in the ground.
The Contractor ensures that the re-use of construction water is maximised.	Yes	No	N/A	Correctly implemented.
Fire Control				
The Contractor takes adequate precautions to ensure that the fire hazard on and near the site is reduced to a minimum and no fires have occurred/ been lit onsite.	Yes	No	N/A	Correctly implemented. No fires have occurred at either site.
Any fires which occur are reported to the ECO immediately.	Yes	No	N/A	No fires have occurred at either site.
Smoking is only permitted in designated smoking areas, which are demarcated, equipped with ash trays and fire-fighting equipment, and located away from fire hazards such as fuel storage, refuelling areas, or dense/grassy vegetation.	Yes	No	N/A	Correctly implemented at the site camp at T4/5. The security guard onsite at HAV1 Repl. has a valid fire extinguisher onsite and is smoking inside the hut.



03-07-2025, 09:30 – A valid fire extinguisher is inside the hut at HAV1 Repl. where the security guard is smoking.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
A Fire Officer (may be the ESO) is appointed by the Contractor to ensure immediate and appropriate actions in the event of a fire and to make employees aware of the fire procedure.	Yes	No	N/A	Correctly implemented.
The relevant authority is notified immediately when a fire starts, without waiting until it can no longer be controlled.	Yes	No	N/A	No fires have occurred at either site.
The Contractor has ensured that there is always suitable and sufficient firefighting equipment available onsite.	Yes	No	N/A	Correctly implemented at both sites.
The Contractor has submitted an EMS to the ECO covering the procedure to be followed in the event of a fire.	Yes	No	N/A	Correctly implemented.
Necessary materials and equipment for dealing with oil, fuel, and hazardous substance spills (spill kits) and leaks are always onsite and up to date as a pre-emptive fire protection method.	Yes	No	N/A	Correctly implemented. There is a spill kit in the container at the site camp at T4/5.
The storage of hazardous/flammable materials and substances complies with national, provincial, and local regulatory requirements.	Yes	No	N/A	Correctly implemented.
Hot works				
Any welding and/or hot work has been undertaken with the necessary safety equipment, i.e., welding screens with functional/serviced fire extinguishers onsite.	Yes	No	N/A	No hot works have been required at this stage.
Designated staff have undergone fire-safety training and are certified to operate fire extinguishers and put out fires safely and quickly.	Yes	No	N/A	Correctly implemented.
Solid Waste Management, Litter and Refuse				
The site is kept neat and clean, and littering is prohibited.	Yes	No	N/A	Correctly implemented at both sites.
Burying or dumping of waste materials, vegetation, litter, or refuse onsite is prohibited.	Yes	No	N/A	Correctly implemented at both sites.
Lockable and weatherproof bins with lids are provided in sufficient number and capacity to store daily solid waste. Lids are kept firmly on the bins, and they are emptied regularly, at least once a week, to prevent overflow.	Yes	No	N/A	Correctly implemented. The Contractor has obtained lockable bins for both sites. They have been labelled “R” for recyclable waste and “G” for general waste. The bins at T4/5 are inside the site container and a bin has been provided for the security guard at HAV1 Repl. which is latched to prevent animals accessing it.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
 **03-07-2025, 09:30 – A latched bin is available for the security guard to use at HAV1 Repl.**				
Waste from bins may be temporarily stored onsite in a central waste area that is weatherproof and scavenger proof (lockable), and which the ECO has approved.	**Yes**	**No**	**N/A**	No general waste is stored onsite. Waste bins are emptied when full.
Refuse is recycled wherever possible, with containers provided for glass, paper, metals, and plastics, and contents delivered to suitable recycling facilities when necessary.	**Yes**	**No**	**N/A**	Correctly implemented.
All construction waste or spoil material is recycled wherever possible, either onsite or taken back to the Contractor's workshop for disposal, with disposal slips provided.	**Yes**	**No**	**N/A**	Correctly implemented.
All litter and refuse are disposed of offsite at an approved landfill site. The Contractor provides the ECO with a certificate of disposal and retains a copy in the Site file.	**Yes**	**No**	**N/A**	Correctly implemented. Waste disposal slips from the Civils Contractor are pinned to the board in the site office at T4/5.
Contaminated Water Management				
Water containing pollutants such as cement, concrete, lime, chemicals, oils, and fuels is discharged into a conservancy tank for removal to a licensed disposal facility. A certificate of disposal is retained in the Site file. This applies to water from concrete batching plants and runoff from fuel storage, refuelling, or equipment washing areas.	**Yes**	**No**	**N/A**	Correctly implemented. No disposal of such has been completed yet.
No paint products, chemical additives, or cleaners (e.g., thinners and turpentine) or their wash water are disposed of onsite.	**Yes**	**No**	**N/A**	There are no paint products onsite.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
The Contractor notifies the ECO immediately of any pollution incidents onsite and takes all reasonable measures to contain and minimize the effects of the pollution.	**Yes**	**No**	**N/A**	No pollution incidents have occurred.
Lights				
The Contractor ensures that onsite lighting does not cause avoidable disturbances to surrounding users and does not attract unwanted insects or animals. All installed lighting is energy-efficient where practical and is turned off when not in use.	**Yes**	**No**	**N/A**	No work will be occurring at night at either site.
Noise				
The Contractor limits noise levels (for example, by installing and maintaining silencers on plant equipment or using hay bales to lessen the noise).	**Yes**	**No**	**N/A**	Not required at this stage. Will be implemented if required.
Employees are provided with adequate PPE with respect to ear protection.	**Yes**	**No**	**N/A**	As above.
No amplified music or sound equipment is allowed onsite. Audio equipment may only be used at low volumes to remain unobtrusive. Sound amplification is permitted only in emergency situations.	**Yes**	**No**	**N/A**	No music or sound equipment present onsite at either site.
Dust Management				
The Contractor takes all reasonable measures to minimise the generation of dust.	**Yes**	**No**	**N/A**	Not required at this stage due to wet weather conditions.
Stockpiles are kept in sheltered areas and managed in the following manner: Stockpile slopes are minimized to a natural angle of repose; stockpile sizes have been limited to a maximum height of 2 meters and stockpiles not in active use have been covered with shade cloth or geofabric.	**Yes**	**No**	**N/A**	Correctly implemented at T4/5. Subsoil stockpiles have not been covered with shade cloth but this is not an issue due to the current wet conditions, as well as being largely clay based and unlikely to blow away. Soil stockpiles are in the process of being returned as backfill material. Topsoil stockpiles are required to be covered with shade cloth. See section “Topsoil Management” below. Not currently required at HAV1. Repl.
Dust suppression (wetting or other best practicable environmental option) is used in and around the Construction area, along haul roads, at stockpiles, and any additional area indicated by the EO/ECO.	**Yes**	**No**	**N/A**	Not required at this stage due to wet weather conditions.
Dowsing, with non-potable water (not including treated effluent or seawater, which may not be used for any activities), is implemented to reduce and control dust fallout.	**Yes**	**No**	**N/A**	As above.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Construction Personnel Information Posters				
Environmental information posters ("dos and don'ts") have been erected at eating areas and other common areas. Posters are maintained in good condition and replaced if damaged or illegible.	**Yes**	**No**	**N/A**	Correctly implemented. Environmental ("dos and don'ts") posters and emergency numbers have been displayed at the site camp at T4/5. The ECO has a small white board pinned up in the site office which is updated weekly with items to be addressed by the Contractor. This is to aid in communication between the ECO and the Contractor's team.
Emergency Procedures				
EMS procedures are in place for emergencies and are being followed.	**Yes**	**No**	**N/A**	No emergencies have occurred.
In the event of an emergency, the Overstrand Municipality's Emergency Call Centre has been contacted using the appropriate numbers. Emergency contact numbers, including the local firefighting service, are posted in the Contractor's office and near the onsite telephone, and are retained in the Site file.	**Yes**	**No**	**N/A**	As above.
General Protections in Terms of the National Heritage Resources Act (25 of 1999)				
If any heritage resource is encountered, work is stopped immediately, and the Engineer and ECO are notified. In this case, the Engineer/ECO contacts the relevant Heritage Authority, and work proceeds only upon their approval.	**Yes**	**No**	**N/A**	No heritage resources have been discovered.
A copy of the Record of Decision issued by Heritage Authorities is kept onsite, and The Contractor complies with the heritage management specifics outlined in the EMPr.	**Yes**	**No**	**N/A**	As above.
Protection of Natural Features				
The Contractor does not deface, paint, damage or mark any natural features situated in or around the site for survey or other purposes, unless agreed beforehand with the Engineer, ECO and Landowner.	**Yes**	**No**	**N/A**	Correctly implemented.
Any features affected by the Contractor in shall be restored/rehabilitated to the satisfaction of the ECO and Landowner.	**Yes**	**No**	**N/A**	No features have been affected.
Protection of Flora and Fauna				
Vegetation and flora are not removed, damaged, or disturbed except as necessary for the works, as specified by the ECO.	**Yes**	**No**	**N/A**	Correctly implemented. Note: Beginning March 2025, during the overhead cable installation at T4/5, all vegetation beneath the cable was brush-cut and improperly treated. The area will be monitored until the alien vegetation can be correctly identified and treated with an appropriate herbicide for proper removal.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
A Specialist has identified natural vegetation or rare/endangered flora to be preserved. The Contractor has demarcated these areas as "no-go areas" to protect the flora. Necessary measures have been taken to ensure the protection of identified flora.	Yes	No	N/A	Search and Rescue was completed by a Specialist for the pipeline route at T4/5 on 25-02-2025 and 08-05-2025. Not required at HAV1 Repl.
Equipment has not been driven across natural vegetation, where possible. Areas of needless vegetation destruction have been reinstated to the standard specified by the ECO.	Yes	No	N/A	Correctly implemented.
Trapping, poisoning, shooting, or hunting of animals, including collecting carcasses, is strictly prohibited. No domestic pets or livestock are permitted onsite, and Site staff are prohibited from keeping pets. Measures are in place to keep domestic and native animals from surrounding Landowners safe from unprotected Works.	Yes	No	N/A	No hunting has occurred.
Clearing of Vegetation				
Vegetation clearance is strictly limited to what is required for construction activities. A qualified Botanical Specialist has been appointed to identify and oversee the removal, rescue, and relocation of Species of Conservation Concern (SOCC).	Yes	No	N/A	Search and Rescue has been completed by a Specialist for the pipeline route at T4/5. See above. Not required at HAV1 Repl.
Vegetation clearance has been approved by the Botanical Specialist, in line with the approved EMPr. vegetation clearance is restricted to the exploration camp, approved access routes, and areas where vegetation interferes with construction activities. No undue or unnecessary vegetation removal has occurred.	Yes	No	N/A	Correctly implemented.
Approved vegetation clearance is undertaken by hand using handheld implements, cutting vegetation at ground level without uprooting. Root structures are not removed or tampered with, and roots are left intact and in situ as far as reasonably possible.	Yes	No	N/A	Correctly implemented by a Specialist for the pipeline route at T4/5. Remaining vegetation is to be included in the topsoil stockpiles as per the request of the Specialist. Not required at HAV1 Repl.
No tracked or wheeled mechanised equipment is used for vegetation clearance.	Yes	No	N/A	As above.
Vegetation clearance is conducted in phases to reduce erosion and water pollution. Clearing operations are scheduled to minimise the exposure time of cleared areas before construction starts. Cleared areas are stabilised as soon as possible where necessary.	Yes	No	N/A	As above.
Site clearance activities cease immediately upon encountering fauna. Fauna is safely relocated before activities resume.	Yes	No	N/A	As above.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Vegetation is disposed of at an approved disposal site. Burying or burning of vegetation is strictly prohibited. Cut vegetation is to be disposed of at a licensed landfill facility with slips provided to the ECO.	Yes	No	N/A	No further vegetation disposal has occurred.
Riparian and Instream Habitat				
No construction activities occur within riparian or wetland habitats.	Yes	No	N/A	Correctly implemented.
Topsoil Management				
Topsoil (up to 300 mm deep, or to bedrock if shallower) and root material from cleared vegetation are stripped for rehabilitation and revegetation. Stripping is done according to the specified depth.	Yes	No	N/A	Correctly implemented. Topsoil has been cleared along the entire length of the pipeline to avoid compaction from excavators and timeline delays. Note: All line items under this section are applicable to T4/5 only and not HAV1 Repl., as no topsoil will be cleared at HAV1 Repl.
Topsoil is stripped from all areas subject to compaction, as per environmental specifications and ECO direction. Topsoil from different areas is stockpiled separately and returned to its original location, as well as stored separately from subsoil.	Yes	No	N/A	All required topsoil along the pipeline route has been cleared.
Topsoil is covered with shade cloth or geofabric to prevent desiccation.	Yes	No	N/A	All topsoil piles have been correctly covered with shade cloth to prevent desiccation.
Stockpiles are placed on previously disturbed areas or areas with minimal environmental impact. Stockpiles do not exceed 2 m in height and maintain a natural angle of repose.	Yes	No	N/A	Subsoil stockpiles have been placed outside of the demarcated area on top of vegetation. The Contractor was requested to seek advice from the Rehabilitation Specialist on how to remove the soil without damaging the underlying vegetation. This is outstanding since the 05-06-2025. Note: The Contractor has been instructed by the Rehabilitation Specialist to remove the subsoil by hand to prevent damage to vegetation and topsoil.
Erosion control measures (e.g., bund walls) are in place to prevent stockpile erosion and compaction. Stockpiles do not obstruct water flow or cause water damming.	Yes	No	N/A	All topsoil stockpiles have been correctly covered with shade cloth. Subsoil stockpiles have not been covered with shade cloth but this is not an issue due to the current wet conditions, as well as being largely clay based and unlikely to blow away.
Topsoil and subsoil are stockpiled separately and reinstated in reverse order. Topsoil is only handled during removal and reinstatement. Replaced soil is compacted and levelled with adjacent areas, especially near watercourses.	Yes	No	N/A	Correctly implemented. Topsoil will be reinstated by the Rehabilitation Contractor once the pipeline has been completed.
Erosion and Sedimentation Control				
Any erosion or sedimentation on or off-site has been identified and reported. Rectification measures, as specified by the ECO, have been implemented.	Yes	No	N/A	Erosion is occurring along the access road to both HAV1 Repl. and T4/5 and will be addressed if and when necessary. See section “Access Routes/Haul Roads” above.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Any tunnels or erosion channels have been backfilled, compacted, and restored.	Yes	No	N/A	The existing trench, adjacent to which the pipeline will be laid, is already existing on the property and will be reinstated to its state prior to works following the installation of the pipeline at T4/5.
Cleared areas have been stabilised to prevent erosion, as per ECO's guidance.	Yes	No	N/A	Not required at this stage.
Earthworks Management				
Excavated trenches are demarcated and fenced off as "no-go" areas when no Construction activity is underway. Trenches and excavations are backfilled as soon as possible, ideally during pipeline/cabling laydown.	Yes	No	N/A	Correctly implemented. The Contractor has reinstated the danger tape along the upslope boundary of the working area at T4/5. Note: All line items under this section are applicable to T4/5 only and not HAV1 Repl., as no further earthworks are required at HAV1 Repl.
Open trenches are inspected daily for trapped animals, and any found are safely relocated. Excavation in watercourses/wetlands occurs only in the dry season and is avoided during predicted heavy rains.	Yes	No	N/A	Correctly implemented. All trenches are inspected daily for fauna which may be trapped, and none have been found to date. Note: the existing trench, adjacent to which the pipeline will be laid, is already existing on the property and will be reinstated to its state prior to works following the installation of the pipeline at T4/5.
Soils are appropriately compacted according to the natural soil characteristics of the area to preserve future surface and subsurface drainage through the previously trenched areas.	Yes	No	N/A	Correctly implemented. Trenches are backfilled with original subsoil material.
Stockpiles are kept free of weeds throughout construction. Stockpiles are not placed within the 1:20 flood line, within 50 m of wetlands/watercourses, or outside designated areas in construction diagrams.	Yes	No	N/A	Subsoil stockpiles have been placed outside of the demarcated area at T4/5. See section "Topsoil Management" above.
Only backfill material from an approved, alien-free source is used. Backfill is free of foreign matter such as litter, waste, vegetation, and seed stock.	Yes	No	N/A	Trenches are backfilled with original subsoil material.
Changes in natural gradients due to Construction activities are avoided where possible or mitigated by levelling the slope to the original gradient during rehabilitation.	Yes	No	N/A	The existing trench, adjacent to which the pipeline will be laid, is already existing on the property and will be reinstated to its state prior to works following the installation of the pipeline at T4/5.
Trenching				
Trenching for services shall be undertaken in accordance with the engineering specifications with the following environmental amplifications.	Yes	No	N/A	Correctly implemented.
A buffer zone must be implemented for each wetland/watercourse and construction within the buffer zone must be restricted to the trench line and working side of the trench.	Yes	No	N/A	Trenching will not occur adjacent or next to a wetland and/or watercourse.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Soil shall be excavated and used for refilling trenches i.e., soil from the first trench shall be excavated and stockpiled, thereafter soil from the second excavated trench length shall be used to backfill the trench behind it once the services have been laid. The last trench shall be filled using the soil stockpiled from the first trench.	Yes	No	N/A	The majority of the trench at T4/5 has been backfilled with only ~150 m open on the borehole-side of the trench line. The Contractor is hoping to complete the trenching and backfilling by 11-07-2025, which will be confirmed in the next inspection report.
Trench lengths shall be kept as short as practically possible before backfilling and compacting.	Yes	No	N/A	See above.
Trenches shall be re-filled to the same level as (or slightly higher to allow for settlement) the surrounding land surface to minimise erosion.	Yes	No	N/A	The existing trench, adjacent to which the pipeline will be laid, is already existing on the property and will be reinstated to its state prior to works following the installation of the pipeline at T4/5.
Protection of Watercourses, Waterbodies and Wetlands				
The Contractor ensures that all watercourses and waterbodies are protected from contamination or degradation as a result of their activities, including protection from direct or indirect spills of pollutants.	Yes	No	N/A	No watercourses and/or waterbodies have been contaminated or degraded. It is expected that stormwater (or rainwater runoff) will be heavily silted after flowing through the construction area, however, a Freshwater Specialist is monitoring downslope ecosystems for potential impacts.
In the event of a spill, prompt action (as planned and approved in the Emergency Plan Method Statement) is taken to clear the polluted or affected areas, and the Engineer and ECO has been notified immediately.	Yes	No	N/A	Correctly implemented.
No activities occur within wetland areas unless necessary, with approval from the Engineer and ECO.	Yes	No	N/A	Correctly implemented.
Stormwater, Runoff Management and General Water Management				
No stormwater containing waste, or water containing waste emanating from Construction activities is discharged into a watercourse or waterbody.	Yes	No	N/A	Correctly implemented. One section of trench at T4/5 has rainwater in it. The Contractors trench ends at a low point in the landscape with a culvert beneath the access road to allow stormwater to drain downslope. The Contractor's trench is overflowing through the existing culvert into the downslope vegetation. Stormwater mitigation measures have been put in place by means of PVC piping to drain the water across the footpath. Stormwater management is not required within the site area at HAV1 Repl. , however, erosion is still looked out for.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)

(a)



(b)



(c)



(d)



03-07-2025, 09:30 – The water entering the trench is flowing downslope within the trench (a) toward the culvert (b). From there, it continues downslope into dense vegetation (c). The Contractor's pump and layflat (which were not in use at the time) are also directed downslope into the dense vegetation (d).

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Uncontaminated water is removed from the site by allowing it to seep back into the soil around the site.	Yes	No	N/A	As above.
Suitable control of runoff is ensured during the Construction phase to prevent erosion of topsoil on stockpiles and adjacent land and undeveloped portions of the site. Erosion is monitored, and mitigation measures are implemented including, but not limited to, utilisation of sandbags and berms to prevent water from engrossing on sensitive ecosystems and to focus drainage into soft sands around the site.	Yes	No	N/A	There is currently one section of runoff which is flowing next to the footpath and into the trench. The flow of water is not impeding the construction at this point and there has been no erosion observed thus far (with the exception of the access roads). Construction runoff is being allowed to flow through the trench into a low point in the landscape with a culvert beneath the access road to drain downslope. See photographs above. The flow of water is not impeding construction at this point but has delayed works.
Clean water and dirty water systems are managed independently and be kept separately.	Yes	No	N/A	Not required at this stage as there are no construction materials present in the water from the trench. Sediments coming from the trench stormwater are considered clean insitu material (soluble soils and clays in solution). Thus the water is considered to be clean.
Erosion and stormwater management measures, such as berms, silt fences, and/or hessian curtains, have been implemented to prevent sedimentation of freshwater features and divert stormwater away from erosion-prone areas. Erosion control measures are being monitored regularly throughout the construction phase to ensure effectiveness.	Yes	No	N/A	The Contractor has been requested to put erosion and stormwater management measures in place as the wet season has started, and erosion is being monitored. See above.
Stormwater is directed towards stabilised areas to dissipate the energy of water flow. No ponding of stormwater is occurring on the site. Stormwater is confined to a dedicated stormwater channel on the Site. Stormwater from bunded areas is collected in a suitable container for proper disposal off-site.	Yes	No	N/A	Stormwater is being directed through an existing culvert and into dense vegetation. There are currently no bunded areas onsite.
Increased runoff from vegetation clearance and/or soil compaction is being managed to prevent erosion and silt entry into streams.	Yes	No	N/A	The increased runoff from the heavy rains is directed through dense vegetation which will reduce silt loads into the downslope stream. However, a Freshwater Specialist is monitoring downslope ecosystems for potential impacts.
Temporary Site Closure				
In the event of temporary site closure (for a period exceeding one week), the Contractor's ESO shall carry out checks and report on compliance to the ECO.	Yes	No	N/A	Neither site is currently temporarily closed.
Fire extinguishers are serviced and accessible.	Yes	No	N/A	As above.
There is adequate ventilation in enclosed spaces.	Yes	No	N/A	As above.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
All hazardous substance stores are securely locked.	Yes	No	N/A	As above.
Fencing and barriers are in place.	Yes	No	N/A	As above.
Emergency and management contact details are prominently displayed and available.	Yes	No	N/A	As above.
Wind and dust mitigation measures e.g., straw, brush packs, irrigation, etc. are in place.	Yes	No	N/A	As above.
Excavated and filled slopes and stockpiles are at a stable angle and capable of accommodating normal expected water flows.	Yes	No	N/A	As above.
There are sufficient detention ponds or channels in place.	Yes	No	N/A	As above.
Cement and materials stores are secured.	Yes	No	N/A	As above.
Toilets are empty, secured, and lockable.	Yes	No	N/A	As above.
Central waste area and all refuse bins are empty and secured.	Yes	No	N/A	As above.
Contaminated water conservancy tank empty.	Yes	No	N/A	As above.
Any bunded areas are clean and treated with an approved product where applicable (e.g., Spill Sorb or Enretech #1 Powder or equivalent).	Yes	No	N/A	As above.
Drip trays are empty and secure.	Yes	No	N/A	As above.
Excavations should not be left open during temporary closures. If an excavation must remain open during temporary closure, then someone must check the excavation on a regular basis for the presence of animals and for the need to de-water (especially after rainfall).	Yes	No	N/A	As above.
Demolition and Removal of Structures				
The Contractor demolishes and removes from site everything not forming part of the Permanent Works, prior to landscaping and rehabilitation.	Yes	No	N/A	Work is ongoing. Not required at this stage.
All material generated from the demolition and removal of structures from site are appropriately disposed of if not reused. All incidental excavations are refilled and adequately compacted and rehabilitated.	Yes	No	N/A	As above.

The responsible personnel shall identify the root cause of Non-Compliance found and adopt the appropriate Corrective and Preventive Actions for mitigation measures. Confirmation of the effectiveness of the Corrective and Preventive Actions shall be verified by the ECO and approved by the Overstrand Municipality within an agreed time.



(Environmental Control Officer: Melissa Weeks)

Date: 03-07-2025

ENVIRONMENTAL SITE INSPECTION

Revision 1

Project and Site Information			
Date	11-07-2025	**Site Location**	HAV1 Repl.: -34.398490°; 19.209445° T4/5: -34.375420°; 19.246203°
Time	10:30	**Site Owner**	HAV1 Repl.: Overstrand Municipality T4/5: Bouchard Finlayson Winery
Project Title	972 – Hemel en Aarde Expansion	**Inspected By**	ECO Melissa Weeks
Contract	SC2504_2024 Civil, Mechanical & Electrical	**Stage / Status during Inspection**	HAV1 Repl.: Preparation is underway to connect the borehole to the mains water line. T4/5: Pump installation has been completed, awaiting test pumping. The electrical box has been installed. Note: The site camp at T4/5 will serve for both it and HAV1 Repl.
Corresponding Method Statement	Environmental Method Statement: Supply and Install Mechanical, Electrical and Civil Borehole Hermanus	**Environmental Method Statement Date**	17-02-2025

Summary of Non-Compliance Issues				
Site / Area	**Aspect**	**Date Identified**	**Date Corrected**	**Action Taken**
T4/5	The drip tray beneath the excavator onsite is broken and needs to be replaced.	14-03-2025	03-04-2025	The Contractor was requested to obtain a new drip tray.
	The excavator arm is leaking oil, which is currently dripping onto the excavator itself rather than the ground. However, the ground beneath is not protected by a drip tray, creating a risk of contamination if the oil starts to drip further.	14-03-2025	03-04-2025	Although no oil has spilled onto the ground yet, the Contractor was instructed to place a drip tray beneath the arm as a precaution and to either repair the leak or remove the excavator from the site. On the 20-03-2025 it was noted by the ECO that a drip tray has been placed below the dripping arm of the excavator. On the 27-03-2025 it was noted that a cloth was used to temporarily stop the dripping of oil from the excavator.
HAV1 Repl. & T4/5	There are no bins onsite.	14-03-2025	25-04-2025	The Contractor was requested to obtain bins for general, hazardous and recycling waste.
T4/5	There are no environmental (“dos and don’ts”) posters/signs on display at the site camp.	14-03-2025	27-03-2025	The Contractor was requested to display an environmental awareness poster.

Summary of Non-Compliance Issues				
Site / Area	**Aspect**	**Date Identified**	**Date Corrected**	**Action Taken**
HAV1 Repl.	There is no smoking area defined onsite.	20-03-2025	27-03-2025	The Contractor was requested to set up a smoking area with a nearby fire extinguisher.
	Partial Compliance. There is no defined eating area for staff onsite.	20-03-2025	10-04-2025	The Contractor was requested to define an eating area onsite.
	Partial Compliance. The toilet is latched from the outside to prevent animals from entering but is not secured to prevent toppling.	20-03-2025	03-04-2025	The Contractor was requested to secure the toilet to the ground.
	There were no fire extinguishers onsite.	20-03-2025	27-03-2025	The Contractor was requested to take a fire extinguisher from the site camp to HAV1 Repl. every time they are working onsite.
HAV1 Repl. & T4/5	The working area at HAV1 Repl. has been demarcated with danger tape, but T4/5 has not been.	27-03-2025	03-04-2025	The Contractor was requested to demarcate the working area using temporary fencing.
	Disposal of both general waste and brush-cut alien vegetation has been completed. The Contractor reported that no disposal slips were issued by the municipal facilities.	03-04-2024	08-04-2025	The ECO visited the municipal facility to enquire about proof of disposal for the alien vegetation. Staff explained that they do not typically provide official stamps or signatures. However, a logbook of incoming vehicle registration plates is maintained. The ECO has requested that, if permitted, the Contractor take a photo of the logbook showing their vehicle's entry. The general waste facility does issue disposal slips when vehicles go over the weighbridge. If not, staff are usually willing to sign a slip provided by the Contractor. On 08-04-2025 the Contractor confirmed that they had attempted to obtain a disposal slip for the waste that had already been offloaded. However, the facility would not issue a slip retrospectively. Going forward, the Contractor has been instructed to use the weighbridge to ensure proper disposal documentation is provided.
HAV1 Repl.	An oily fuel drum has been used for staff to store their lunch bags. It is unclear whether the oil was present beneath the bags during the inspection on 10-04-2025.	17-04-2025	24-04-2025	The Contractor was requested to immediately remove the oily drum from site and place it in the container at site camp.
	Partial Compliance. Two small cement spills have been observed at HAV1 Repl.	17-04-2025	22-04-2025	The Contractor was requested to pick these up and place them with the excess rubble that is stored on a plastic sheet adjacent to the pumphouse for disposal.

Summary of Non-Compliance Issues				
Site / Area	**Aspect**	**Date Identified**	**Date Corrected**	**Action Taken**
	A small amount of litter was seen around the site area.	29-04-2025	29-04-2025	The Contractor immediately cleaned up the litter.
Site Camp	Partial Compliance. The Contractor does not have a copy of the MSDS for Bricure (cement sealant) onsite.	08-05-2025	29-05-2025	The Contractor was requested to obtain a copy of this MSDS for the site file. The ECO tried finding this online but was unsuccessful.
HAV1 Repl.	Partial Compliance. A section of the barrier fence around the site has blown over.	19-05-2025	05-06-2025	The Contractor was requested to reinstate the barrier fence. Note: on the 29-05-2025 a section of the barrier fence has been removed. The Contractor was requested to reinstate the barrier fence.
	Partial Compliance. The toilet onsite is secured to the ground but not latched.	19-05-2025	29-05-2025	The Contractor was requested to ensure that the toilets onsite are always latched closed to prevent animals from entering.
T4/5	The Contractor has separated the topsoil from the subsoil but has not demarcated the topsoil.	19-05-2025	29-05-2025	The Contractor was requested to cover topsoil with netting to ensure it is kept separate from subsoil and not mistakenly used as such.
	Partial Compliance. Topsoil has not yet been cleared along the pipeline route in some areas where the excavators are operating. If not removed promptly, it is at risk of becoming compacted.	19-05-2025	29-05-2025	The Contractor was instructed to remove the topsoil along the excavator route before excavation work continues.
	Topsoil stockpiles have not been covered with netting.	19-05-2025	30-06-2025	The ECO requested netting be placed over topsoil stockpiles for demarcation and to prevent erosion. 05-06-2025: Majority of the topsoil stockpiles have been covered with shade cloth, but not all.
	Some sections of the barrier tape have been buried by subsoil stockpiles which have been placed outside of the demarcated area.	29-05-2025	13-06-2025	The Contractor was requested to reinstate the danger tape.
	One generator onsite was correctly placed inside a drip tray, while the other was not. Additionally, the crane truck did not have any drip trays beneath it.	29-05-2025	05-06-2025	The Contractor was instructed to ensure that all generators are placed inside drip trays and not directly on the ground, and that all vehicles have appropriate drip trays positioned underneath them.
	Subsoil stockpiles have been placed outside of the demarcated area on top of vegetation.	05-06-2025	Pending	The Contractor was requested to seek advice from the Rehabilitation Specialist on how to remove the soil without damaging the underlying vegetation. Note: The Contractor has been instructed by the Rehabilitation Specialist to remove the subsoil by hand to prevent damage to vegetation and topsoil.

Summary of Non-Compliance Issues				
Site / Area	**Aspect**	**Date Identified**	**Date Corrected**	**Action Taken**
	The majority of the trench remains open due to time constraints and the approaching rainy season, which has made it difficult for the Contractor to complete trenching and backfilling in smaller sections as outlined in the EMS.	05-06-2025	03-07-2025	The Contractor is making a consistent effort to comply with all other EMS conditions and continue work responsibly under the circumstances.
	The large excavator onsite is leaking oil from underneath onto a plastic sheet. This is a new leak and unrelated to the leak identified on 14-03-2025. No evidence of spills beneath the sheet are evident.	13-06-2025	03-07-2025	The Contractor was requested to repair the excavator or remove it from site. 19-06-2025: A small amount of oil dripped outside of the plastic area onto the ground despite the excavator being repaired. The small spill was immediately picked up. The Contractor was requested to repair the excavator again. 26-06-2025: A small oil spill occurred beneath the excavator due to leftover oil from recent repairs and the absence of a drip tray. The contractor was instructed to clean the machine and carry out further repairs to identify and stop the leak.
	Partial Compliance. A small amount of cement spilled outside the shuttering.	13-06-2025	19-05-2025	The Contractor was requested to wait for the cement to dry and then pick it up and dispose of it as rubble.
Site Camp	The Electrical Contractor was to be inducted by the primary Contractor ahead of the installation of the electrical boxes. When the Contractor was asked to provide the ECO with an induction register, none could be provided.	03-07-2025	11-07-2025	The Contractor was requested to induct the Electrical Contractor and provide the ECO with a copy of the attendance register.
T4/5	Partial Compliance. The plastic beneath the small excavator had blown out from beneath the machine. The large excavator had drip trays beneath it, however, they were full of rainwater.	03-07-2025	11-07-2025	The Contractor was not onsite at the time of the inspection but was requested to rectify.
HAV1 Repl.	Partial compliance. The security guard at is smoking inside the hut, however, the cigarette buds are not being placed into the provided bin but rather on the ground outside the hut.	11-07-2025	Pending	The security guard was requested to pick up the buds and place them in the bin.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
General				
Is the overall appearance of the site visually acceptable and tidy?	**Yes**	**No**	**N/A**	Correctly implemented at HAV1 Repl. and T4/5. A security guard has been posted at HAV1 Repl. to guard the newly installed electrical infrastructure. No security guard is required at T4/5.

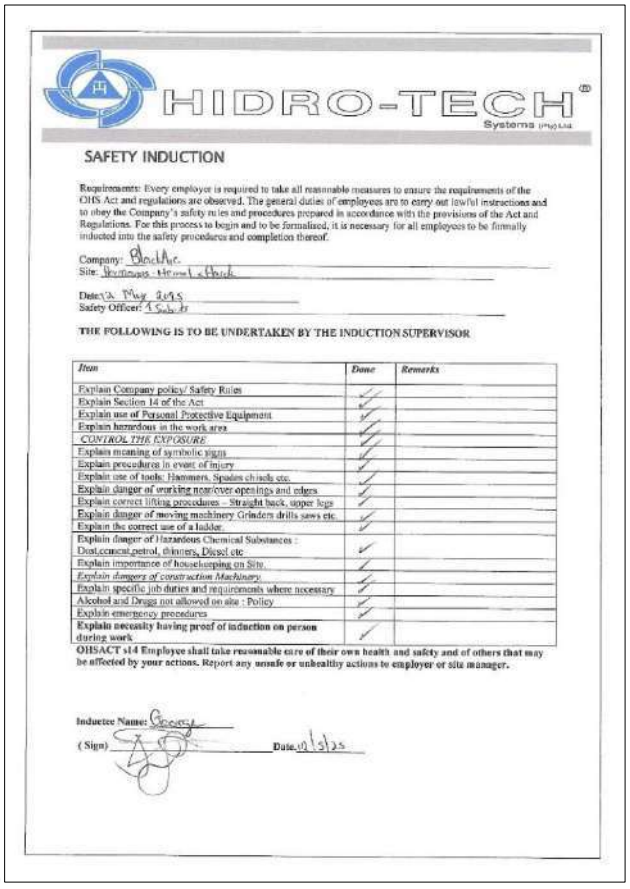
(a)



(b)



Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
 (c) **11-07-2025, 10:30 – A trench has been dug at HAV1 Repl. to connect the borehole to the mains water line (a). There has been no change to the pump house at T4/5 (b). Trenching and laying of the pipeline is in progress at T4/5 (c), and the majority of the trench is now closed.**				
A copy of the EMS will always be available onsite in the site file.	**Yes**	**No**	**N/A**	A copy of the EMS is available in the site file.
Environmental Awareness Training				
The Contractor ensures that all employees, and those of their Sub-Contractor, attend an Environmental Awareness Training Course (EATC), conducted by the ECO. The training will cover key environmental features of the working area, its surroundings, and the environmental controls outlined in this specification.	**Yes**	**No**	**N/A**	An EATC was given to staff on the 24-02-2025 at the Contractor's offices. Further training has been given by the ECO to local labour and/or Subcontractors onsite on the 20-03-2025, 03-04-2025, 12-05-2025, 19-05-2025, 29-05-2025, and 03-07-2025. The attendance registers for induction of the Electrical Contractor on the 12-05-2025 has been provided to the ECO.



HIDRO-TECH® Systems (Pty) Ltd

SAFETY INDUCTION

Requirements: Every employer is required to take all reasonable measures to ensure the requirements of the OHS Act and regulations are observed. The general duties of employees are to carry out lawful instructions and to obey the Company's safety rules and procedures prepared in accordance with the provisions of the Act and Regulations. For this process to begin and to be formalised, it is necessary for all employees to be formally inducted into the safety procedures and completion thereof.

Company: BlackAc.
Site: Hermanus - Hemel & Aarde

Date: 12 May 2025
Safety Officer: T. Subedar

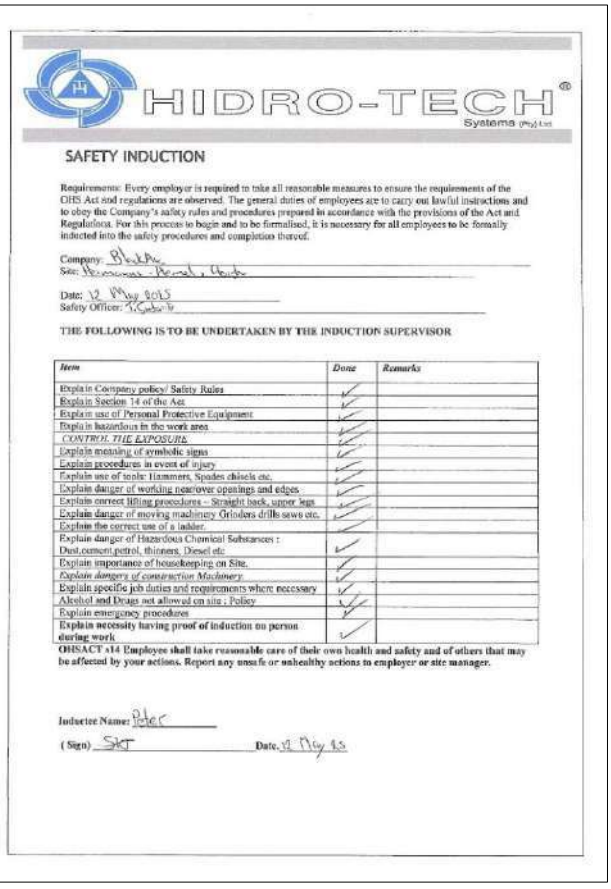
THE FOLLOWING IS TO BE UNDERTAKEN BY THE INDUCTION SUPERVISOR

Item	Done	Remarks
Explain Company policy/ Safety Rules	✓	
Explain Section 14 of the Act	✓	
Explain use of Personal Protective Equipment	✓	
Explain hazardous in the work area	✓	
CONTROL THE EXPOSURE	✓	
Explain meaning of symbolic signs	✓	
Explain procedures in event of injury	✓	
Explain use of tools: Hammers, Spades chisels etc.	✓	
Explain danger of working near/over openings and edges	✓	
Explain correct lifting procedures – Straight back, upper legs	✓	
Explain danger of moving machinery Grinders drills saws etc	✓	
Explain the correct use of a ladder.	✓	
Explain danger of Hazardous Chemical Substances : Dust,cement,petrol, thinners, Diesel etc	✓	
Explain importance of housekeeping on Site.	✓	
Explain dangers of construction Machinery	✓	
Explain specific job duties and requirements where necessary	✓	
Alcohol and Drugs not allowed on site : Policy	✓	
Explain emergency procedures	✓	
Explain necessity having proof of induction on person during work	✓	

OHSACT s14 Employee shall take reasonable care of their own health and safety and of others that may be affected by your actions. Report any unsafe or unhealthy actions to employer or site manager.

Inductee Name: George
(Sign) _____ Date: 12/5/25

(a)



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Company: BlackAc.
Site: Hermanus - Hemel & Aarde

Date: 12 May 2025
Safety Officer: T. Subedar

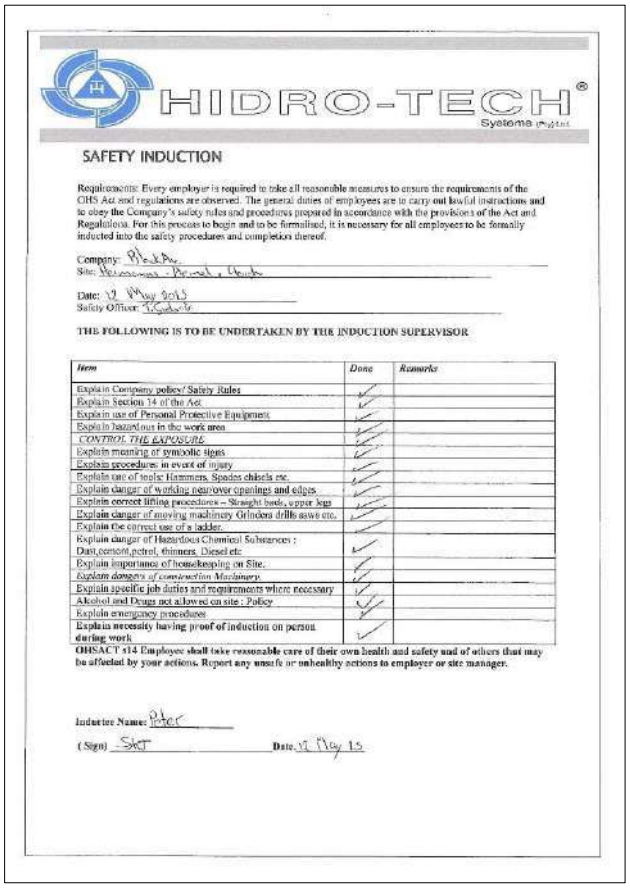
THE FOLLOWING IS TO BE UNDERTAKEN BY THE INDUCTION SUPERVISOR

Item	Done	Remarks
Explain Company policy/ Safety Rules	✓	
Explain Section 14 of the Act	✓	
Explain use of Personal Protective Equipment	✓	
Explain hazardous in the work area	✓	
CONTROL THE EXPOSURE	✓	
Explain meaning of symbolic signs	✓	
Explain procedures in event of injury	✓	
Explain use of tools: Hammers, Spades chisels etc.	✓	
Explain danger of working near/over openings and edges	✓	
Explain correct lifting procedures – Straight back, upper legs	✓	
Explain danger of moving machinery Grinders drills saws etc.	✓	
Explain the correct use of a ladder.	✓	
Explain danger of Hazardous Chemical Substances : Dust,cement,petrol, thinners, Diesel etc	✓	
Explain importance of housekeeping on Site.	✓	
Explain dangers of construction Machinery	✓	
Explain specific job duties and requirements where necessary	✓	
Alcohol and Drugs not allowed on site : Policy	✓	
Explain emergency procedures	✓	
Explain necessity having proof of induction on person during work	✓	

OHSACT s14 Employee shall take reasonable care of their own health and safety and of others that may be affected by your actions. Report any unsafe or unhealthy actions to employer or site manager.

Inductee Name: Peter
(Sign) SKT Date: 12 May 25

(b)



HIDRO-TECH® Systems (Pty) Ltd

SAFETY INDUCTION

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Company: BlackAc.
Site: Hermanus - Hemel & Aarde

Date: 12 May 2025
Safety Officer: T. Subedar

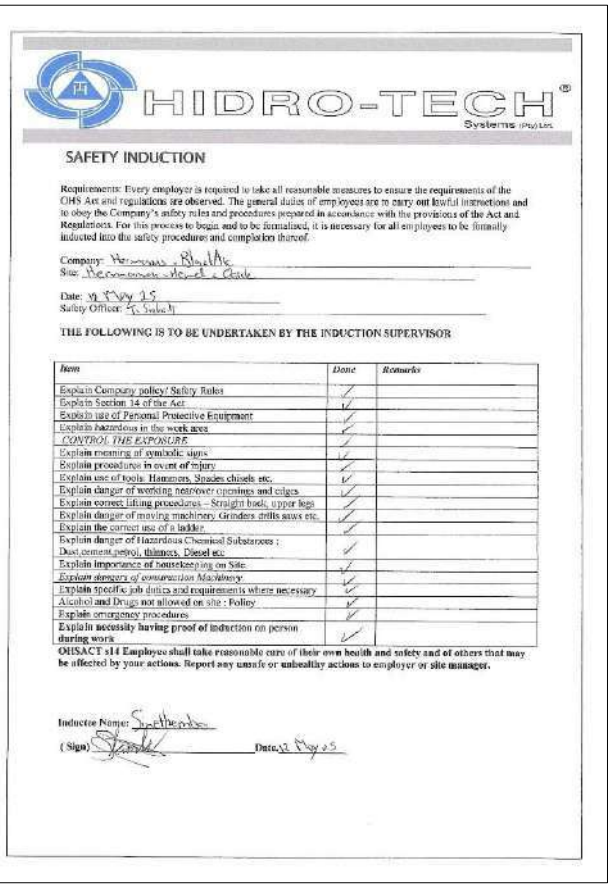
THE FOLLOWING IS TO BE UNDERTAKEN BY THE INDUCTION SUPERVISOR

Item	Done	Remarks
Explain Company policy/ Safety Rules	✓	
Explain Section 14 of the Act	✓	
Explain use of Personal Protective Equipment	✓	
Explain hazardous in the work area	✓	
CONTROL THE EXPOSURE	✓	
Explain meaning of symbolic signs	✓	
Explain procedures in event of injury	✓	
Explain use of tools: Hammers, Spades chisels etc.	✓	
Explain danger of working near/over openings and edges	✓	
Explain correct lifting procedures – Straight back, upper legs	✓	
Explain danger of moving machinery Grinders drills saws etc.	✓	
Explain the correct use of a ladder.	✓	
Explain danger of Hazardous Chemical Substances : Dust,cement,petrol, thinners, Diesel etc	✓	
Explain importance of housekeeping on Site.	✓	
Explain dangers of construction Machinery	✓	
Explain specific job duties and requirements where necessary	✓	
Alcohol and Drugs not allowed on site : Policy	✓	
Explain emergency procedures	✓	
Explain necessity having proof of induction on person during work	✓	

OHSACT s14 Employee shall take reasonable care of their own health and safety and of others that may be affected by your actions. Report any unsafe or unhealthy actions to employer or site manager.

Inductee Name: Peter
(Sign) SKT Date: 12 May 25

(c)



HIDRO-TECH® Systems (Pty) Ltd

SAFETY INDUCTION

Requirements: Every employer is required to take all reasonable measures to ensure the requirements of the OHS Act and regulations are observed. The general duties of employees are to carry out lawful instructions and to obey the Company's safety rules and procedures prepared in accordance with the provisions of the Act and Regulations. For this process to begin and to be formalised, it is necessary for all employees to be formally inducted into the safety procedures and completion thereof.

Company: Hermanus - BlackAc
Site: Hermanus - Hemel & Aarde

Date: 12 May 25
Safety Officer: T. Subedar

THE FOLLOWING IS TO BE UNDERTAKEN BY THE INDUCTION SUPERVISOR

Item	Done	Remarks
Explain Company policy/ Safety Rules	✓	
Explain Section 14 of the Act	✓	
Explain use of Personal Protective Equipment	✓	
Explain hazardous in the work area	✓	
CONTROL THE EXPOSURE	✓	
Explain meaning of symbolic signs	✓	
Explain procedures in event of injury	✓	
Explain use of tools: Hammers, Spades chisels etc.	✓	
Explain danger of working near/over openings and edges	✓	
Explain correct lifting procedures – Straight back, upper legs	✓	
Explain danger of moving machinery Grinders drills saws etc.	✓	
Explain the correct use of a ladder.	✓	
Explain danger of Hazardous Chemical Substances : Dust,cement,petrol, thinners, Diesel etc	✓	
Explain importance of housekeeping on Site.	✓	
Explain dangers of construction Machinery	✓	
Explain specific job duties and requirements where necessary	✓	
Alcohol and Drugs not allowed on site : Policy	✓	
Explain emergency procedures	✓	
Explain necessity having proof of induction on person during work	✓	

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Inductee Name: Sue Henderson
(Sign) _____ Date: 12 May 25

(d)

14-07-2025, 16:30 – EATC was given to the Electrical Contractor on the 12-05-2025 by the Primary Contractor's HSE Representative.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
The initial EATC shall be held within 28 days from the Commencement Date, and subsequent courses shall be arranged for new employees coming onto Site after the initial training course. Provision shall also be made for refresher courses to be undertaken on a quarterly basis during the Contract	Yes	No	N/A	Correctly implemented.
The Contractor provides proof of attendance by all their employees in the form of a signed attendance register for each session. All environmental training registers are kept on file.	Yes	No	N/A	Correctly implemented.
Site Division, Demarcation and "No-Go" Areas				
The location, layout and establishment of the Contractors camp shall be approved by the ECO prior to the start of establishment.	Yes	No	N/A	Correctly implemented at both sites.
The Contractor restricts all their activities, materials, plant equipment and personnel to within the Site or any working areas specified or indicated on the drawings.	Yes	No	N/A	Correctly implemented at both sites.
Permanent and/or temporary fences have been erected and maintained in the locations specified in the Scope of Work or drawings, and, if specified, before the commencement of any construction activities.	Yes	No	N/A	Correctly implemented at both sites.
Where environmentally sensitive areas are specified as "no-go" areas, no person, plant, equipment, or material shall enter these areas at any time, in accordance with the Contractor's authority.	Yes	No	N/A	Correctly implemented. No staff have been seen outside of the working area.
Access Routes/Haul Roads				
The Contractor controls the movement of all vehicles and construction equipment, including those of suppliers and subcontractors, ensuring they remain on designated routes and are distributed to prevent undue traffic concentration. All vehicle and equipment movement complies with relevant laws. The movement of such vehicles and construction equipment is planned and operated to minimise disruption to regular users of the routes.	Yes	No	N/A	Correctly implemented.
As far as possible the Contractor uses existing access and haul routes.	Yes	No	N/A	Correctly implemented.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Any damage to existing access roads caused by construction activities has been repaired to the satisfaction of the Engineer using material similar to the original. The cost of repairs has been covered by the Contractor.	Yes	No	N/A	The road leading to HAV1 Repl. is slowly being damaged by erosion, which happens regularly in this area. As the site has been temporarily closed, this is not the fault of the Contractor but general, normal degradation. The Contractor will repair the road should it be deemed necessary for access. Some erosion damage has been observed at T4/5. The Contractor will repair the road should it be deemed necessary for access.
No new access roads or tracks have been constructed without the Landowner's consent.	Yes	No	N/A	Correctly implemented.
Where new routes are required to gain site access, prior approval from the Engineer and ECO have been obtained. New access routes disturb the smallest possible area, avoid all "no-go" areas, and follow natural contours where possible.	Yes	No	N/A	No new routes are required at this stage.
Vehicle trips have been kept to a minimum to reduce vegetation damage, and all equipment has remained on the demarcated access route.	Yes	No	N/A	Correctly implemented. Vehicles are not driving over vegetation outside of working areas.
All directional signage for vehicle and equipment movement required by the Contractor, their Subcontractors or Suppliers is of an approved design and located as approved by the Engineer.	Yes	No	N/A	No directional signage is currently required.
Eating Areas				
The Contractor has designated eating areas within the approved camp.	Yes	No	N/A	Correctly implemented at the site camp at T4/5. The eating area at HAV1 Repl. has been removed as the Contractor is not onsite. The security guard is eating inside the hut at HAV1 Repl.
The feeding of, or leaving of food for, animals is strictly prohibited.	Yes	No	N/A	No food is left out for animals.
Sufficient bins are provided in specified areas, and lockable bins are used where required to prevent animal access (especially baboons).	Yes	No	N/A	Correctly implemented. See section "Solid Waste Management, Litter and Refuse".
Any cooking onsite is done on well-maintained gas cookers with valid fire extinguishers present. No open fires for cooking purposes are permitted under any circumstances.	Yes	No	N/A	No cooking is being done onsite.
Materials Handling, Use and Storage				
The Contractor shall ensure that any delivery drivers and visitors to site are informed of all procedures and restrictions. A visitor's register has been kept on file.	Yes	No	N/A	Correctly implemented.
Materials shall be appropriately secured to ensure safe passage between destinations. Loads, will be secured appropriately to prevent them spilling from the vehicle during transit.	Yes	No	N/A	Correctly implemented.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
The Contractor shall be responsible for any clean up resulting from the failure by their Employees or Suppliers to properly secure transported materials.	**Yes**	**No**	**N/A**	No clean-up has been required.
All manufactured and/or imported materials shall, where reasonably possible, be stored within the Contractor's camp and, if so required by the Engineer/ECO, out of the rain.	**Yes**	**No**	**N/A**	Correctly implemented. Pipeline sections have been moved out of the trench opposite the site camp due to rainwater filling the trench. The pipes have been moved in front of the pumphouse at the site camp at T4/5. A stockpile of bedding material has been placed at the entrance to the farm and has been property demarcated as such. Further building material has been stored in the containers and in a fenced off area next to the Contractors site camp. No materials are being stored at HAV1 Repl.



(a)

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
 (b) **11-07-2025, 10:30 – Pipes have been moved in front of the pumphouse for storage at T4/5 (a). A new stockpile area for bedding material has been established at the entrance to the property at T4/5 (b).**				
The location and method of protection of such materials stored outside of the Contractor's camp and the method of rehabilitation of these areas, shall be subject to the Engineer/ECO's approval. Stockpile areas shall be approved by the Engineer/ECO before any stockpiling commences.	**Yes**	**No**	**N/A**	Correctly implemented.
Handling, Use and Storage of Hazardous Substances				
Surfaces where hydrocarbon spills may occur are adequately prepared to prevent pollution.	**Yes**	**No**	**N/A**	Correctly implemented.
The ECO has been informed of all hazardous substances stored onsite, and MSDSs have been provided.	**Yes**	**No**	**N/A**	MSDSs for petrol, diesel, cement, and Bricure are available in the site file.
Hazardous substances are stored in an appropriate area, in leak proof containers which are correctly labelled. Bunding the area will be required if necessary, as per the ECO.	**Yes**	**No**	**N/A**	Correctly implemented at the site camp and T4/5. There are no hazardous substances at HAV1 Repl.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
 **11-07-2025, 10:30 – The hazardous chemicals are kept in the container at the site camp at T4/5.**				
Spills are immediately contained, the source is isolated, and the spillage is removed. Cleanup is conducted by applying absorbent material or by removing contaminated soil.	**Yes**	**No**	**N/A**	No further leaks or spills were observed by the ECO during the inspection, and as such, no spills have occurred since the 26-06-2025.
Treatment or remediation of the spill is done to the satisfaction of the ECO, with waste disposed of at a licensed facility and disposal slips provided to the ECO.	**Yes**	**No**	**N/A**	As above. The contaminated material is stored inside the storage container at the site camp.
 **11-07-2025, 10:30 – The hazardous waste from the spills (19-06-2026 & 26-06-2025) is kept in a drum in the Contractor's container at the site camp at T4/5.**				

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Hydrocarbon Management (Fuels, Oils and lubricants)				
Hydrocarbon storage area is located where it does not pose a risk to sensitive ecosystems and or traffic and staff safety.	**Yes**	**No**	**N/A**	Correctly implemented. All fuel is stored in the container at the site camp at T4/5. See photograph in section "Handling, Use and Storage of Hazardous Substances" above. There is no machinery or equipment at HAV1 Repl.
Surfaces, where the possibility of hydrocarbon spillage exists, are prepared in such a way as to mitigate these risks.	**Yes**	**No**	**N/A**	Correctly implemented. The plastic beneath the small excavator was reinstated. No spills or leaks were evident. The large excavator was in use at the time of the inspection and other small generators were stored away in the container at the T4/5 site camp.

(a)



(b)



Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
 (c) **11-07-2025, 10:30 – The plastic beneath the small excavator was reinstated (a), the large excavator was in use at the time of the inspection (b), and the other small generators were in the storage container (c).**				
Drip trays are placed under all parked or stationary plant/vehicles/machinery, and these containers are inspected to ensure no leakage occurs.	**Yes**	**No**	**N/A**	Correctly implemented.
Diesel/fuel is stored in sound storage tanks or in bowsers, and the tanks/bowsers are placed within a bunded area or on an area where the ground has been protected.	**Yes**	**No**	**N/A**	Correctly implemented. See section “Handling, Use and Storage of Hazardous Substances” above.
A spill kit is available on-site at all times, and unauthorized access to the fuel storage area is prevented.	**Yes**	**No**	**N/A**	A spill kit is available at the site camp at T4/5.
No smoking is permitted near the fuel storage area.	**Yes**	**No**	**N/A**	Correctly implemented. Smoking occurs at the site camp at T4/5. The security guard is smoking inside the hut at HAV1 Repl. The cigarette buds are kept in a bottle as an ash tray. See section “Fire Control” below.
The Contractor has ensured that there is adequate fire-fighting equipment at the fuel stores.	**Yes**	**No**	**N/A**	Correctly implemented. See section “Fire Control” below.
Fuel containers are secured during transport.	**Yes**	**No**	**N/A**	Correctly implemented.
The surface under the refuelling area is protected against pollution to the ECO's satisfaction prior to refuelling activities. Equipment is refuelled with the use of drip trays.	**Yes**	**No**	**N/A**	No refuelling has been observed by the ECO.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Plant				
Equipment selection and operation are done with environmental degradation minimized, and equipment operators are made aware of environmental requirements and controls. Environmental training registers are kept on file onsite.	**Yes**	**No**	**N/A**	Correctly implemented. All machine operators have received Environmental Awareness Training by the ECO. See section "Environmental Awareness Training" above.
Equipment Maintenance and Storage				
Leaking equipment or vehicles emitting noticeably excessive fumes are repaired immediately or removed from Site.	**Yes**	**No**	**N/A**	There is no equipment onsite leaking oil.
Vehicles and machinery are serviced off-site, or if onsite maintenance is necessary, it is done outside sensitive areas, with prior approval from the Engineer and ECO. Portable drip trays on plastic are used to collect waste oil and lubricants to prevent environmental contamination.	**Yes**	**No**	**N/A**	No repairs are required at this stage.
Drip trays are provided in construction areas for stationary/parked equipment, inspected and emptied daily, and monitored during rain events to prevent overflow. The Contractor ensures that equipment is covered so that rainwater is excluded from the drip trays.	**Yes**	**No**	**N/A**	Correctly implemented.
Oil from drip trays is stored in clean drums on protected ground and removed regularly to an oil-recycling centre. Proof of disposal is kept on file onsite.	**Yes**	**No**	**N/A**	The amount of oil in drip trays has been minimal and is not sufficient to be stored in a drum for recycling. The Contractor is wiping excess oil with a rag and placing the rags into the solid hazardous waste drum in the storage container at T4/5 to be disposed of in due course. Proof of disposal still to be provided when disposed of.
Washing of equipment onsite is strictly prohibited.	**Yes**	**No**	**N/A**	No washing of equipment covered in hydrocarbons has occurred. Washing of cement covered tools has been allowed. See section "Cement and Concrete Batching" below.
Cement and Concrete Batching				
Batching will only occur in areas which are located on a smooth impermeable surface (concrete or 250 pm plastic) and cement is batched (mixed) in a bunded area within the boundaries of the development footprint.	**Yes**	**No**	**N/A**	Concrete work is complete for now.
Cement is stored within weatherproof facilities/covered to prevent environmental contamination.	**Yes**	**No**	**N/A**	Correctly implemented. Cement bags are kept in the container at the site camp at T4/5.
All wastewater resulting from batching of cement/concrete is disposed of via the contaminated water management system and is not discharged into the environment.	**Yes**	**No**	**N/A**	No washing of tools is currently occurring.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Waste water from cement/concrete works and tool washing will be directed into a sump lined with bidim.	Yes	No	N/A	Sumps have not been dug at the site camp at T4/5 as the Contractor is washing tools in a water drum. The Contractor was reminded that no washing of tools at HAV1 Repl. is allowed due to there being no sump or water drum onsite. Tools are to be cleaned in the drum at T4/5 only.
Once work is complete the bidim sump will be removed and the waste material will be disposed of at a licenced facility.	Yes	No	N/A	Not required at this stage. Waste sediments are allowed to settle at the bottom of the drum and will be disposed of at a licenced facility when necessary.
Diversion berms are installed to direct contaminated water to a storage area, and contaminated water storage areas are protected from overflow, rain, and flooding.	Yes	No	N/A	Not required at this stage.
Sand, aggregate, cement or additives used during the mixing process are stored and appropriately and to prevent contamination of the surrounding environment.	Yes	No	N/A	As above.
Empty cement bags are stored in weatherproof containers to prevent contamination and are disposed of regularly through the hazardous waste management system.	Yes	No	N/A	Empty cement bags were placed in with general waste for disposal when required.
Reasonable measures are taken by the Contractor to prevent cement/concrete spillage during batching and construction. The ground beneath the shoots of cement trucks shall be protected with plastic sheeting.	Yes	No	N/A	No cement works are currently underway. The small amount of cement which had spilled outside the shuttering at T4/5 on 13-06-2025 has been cleaned up by the Contractor (no photograph was taken). No cement spills have been observed at HAV1 Repl.
Spoiled or excess aggregate/cement/concrete is removed and disposed of through the solid waste management system, with a disposal certificate retained in the site file.	Yes	No	N/A	There is currently no excess rubble at either site.
Ablution and Toilet Facilities				
Washing, defecating, and urinating are only permitted at designated facilities.	Yes	No	N/A	No washing, defecating, or urinating has occurred outside of toilet facilities at either site.
Ablution facilities, including shelter, toilets, and washing facilities, are provided by the Contractor for all personnel onsite. Toilet facilities are provided at a ratio of at least 1 toilet per 30 workers (1:15 preferred).	Yes	No	N/A	Correctly implemented at both sites.
Toilet facilities are located within the Contractor's camp, but also at work areas remote from the camp, all to the satisfaction of the ECO.	Yes	No	N/A	Correctly implemented at both sites.
All portable toilets are adequately secured to the ground to prevent them toppling over because of wind or any other cause, and latched closed to prevent fauna getting in.	Yes	No	N/A	Correctly implemented at both sites.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
The Contractor has ensured that the entrances to these toilets are maintained in a hygienic state, serviced regularly, that no spillage occurs when they are cleaned and that contents are removed from Site.	Yes	No	N/A	Correctly implemented at both sites.
Discharge of waste from toilets into the environment and burial of waste is strictly prohibited.	Yes	No	N/A	No waste from toilets has been buried.
No ablution facilities are located closer than 50 m to any watercourse, wetland or other surface water body.	Yes	No	N/A	Correctly implemented at both sites.
Water Use				
Water is conserved wherever possible, with efforts to minimize usage and immediate attention given to any wastage.	Yes	No	N/A	Correctly implemented.
Water for potable use is sourced from a legal source, and the Contractor absolves the Employer of all risk or liability regarding compliance with relevant statutory obligations.	Yes	No	N/A	Correctly implemented. Water for construction at both sites is taken from the municipal line running from the old HAV1 borehole. The water is transported to T4/5 in jerry cans.
Water is not abstracted from private property without the prior written approval of the Landowner.	Yes	No	N/A	Correctly implemented. Permission was given to the Contractor by the Overstrand Municipality to use the groundwater from the old HAV1 borehole.
Only non-potable water from an approved source is used for construction activities such as dust suppression, etc.	Yes	No	N/A	Correctly implemented.
Water for construction purposes is bought to site in bowsers and stored in appropriately if required.	Yes	No	N/A	Water for T4/5 is transported in jerry cans when needed. It has been stored in an open container onsite and is used for the washing of cement covered tools when required, in lieu of a bidim-lined sump in the ground.
The Contractor ensures that the re-use of construction water is maximised.	Yes	No	N/A	Correctly implemented.
Fire Control				
The Contractor takes adequate precautions to ensure that the fire hazard on and near the site is reduced to a minimum and no fires have occurred/ been lit onsite.	Yes	No	N/A	Correctly implemented. No fires have occurred at either site.
Any fires which occur are reported to the ECO immediately.	Yes	No	N/A	No fires have occurred at either site.
Smoking is only permitted in designated smoking areas, which are demarcated, equipped with ash trays and fire-fighting equipment, and located away from fire hazards such as fuel storage, refuelling areas, or dense/grassy vegetation.	Yes	No	N/A	Correctly implemented at the site camp at T4/5. The security guard at HAV1 Repl. has a valid fire extinguisher onsite and is smoking inside the hut.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
A Fire Officer (may be the ESO) is appointed by the Contractor to ensure immediate and appropriate actions in the event of a fire and to make employees aware of the fire procedure.	Yes	No	N/A	Correctly implemented.
The relevant authority is notified immediately when a fire starts, without waiting until it can no longer be controlled.	Yes	No	N/A	No fires have occurred at either site.
The Contractor has ensured that there is always suitable and sufficient firefighting equipment available onsite.	Yes	No	N/A	Correctly implemented at both sites.
The Contractor has submitted an EMS to the ECO covering the procedure to be followed in the event of a fire.	Yes	No	N/A	Correctly implemented.
Necessary materials and equipment for dealing with oil, fuel, and hazardous substance spills (spill kits) and leaks are always onsite and up to date as a pre-emptive fire protection method.	Yes	No	N/A	Correctly implemented. There is a spill kit in the container at the site camp at T4/5.
The storage of hazardous/flammable materials and substances complies with national, provincial, and local regulatory requirements.	Yes	No	N/A	Correctly implemented.
Hot works				
Any welding and/or hot work has been undertaken with the necessary safety equipment, i.e., welding screens with functional/serviced fire extinguishers onsite.	Yes	No	N/A	No hot works have been required at this stage.
Designated staff have undergone fire-safety training and are certified to operate fire extinguishers and put out fires safely and quickly.	Yes	No	N/A	Correctly implemented.
Solid Waste Management, Litter and Refuse				
The site is kept neat and clean, and littering is prohibited.	Yes	No	N/A	Correctly implemented at T4/5. Partial compliance at HAV1 Repl. The security guard at HAV1 Repl. is smoking inside the hut, however, the cigarette buds are not being placed into the provided bin but rather on the ground outside the hut. The security guard was requested to pick up the buds and place them in the bin.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)

(a)



(b)



11-07-2025, 10:30 – Cigarette buds found on the ground outside the security hut at HAV1 Repl. (a). The smoking area is correctly used at T4/5 (b).

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Burying or dumping of waste materials, vegetation, litter, or refuse onsite is prohibited.	Yes	No	N/A	No waste has been buried or dumped at either site.
Lockable and weatherproof bins with lids are provided in sufficient number and capacity to store daily solid waste. Lids are kept firmly on the bins, and they are emptied regularly, at least once a week, to prevent overflow.	Yes	No	N/A	Correctly implemented. The Contractor has obtained lockable bins for both sites. They have been labelled “R” for recyclable waste and “G” for general waste. The bins at T4/5 are inside the site container and a bin has been provided for the security guard at HAV1 Repl. which is latched to prevent animals accessing it.

(a)

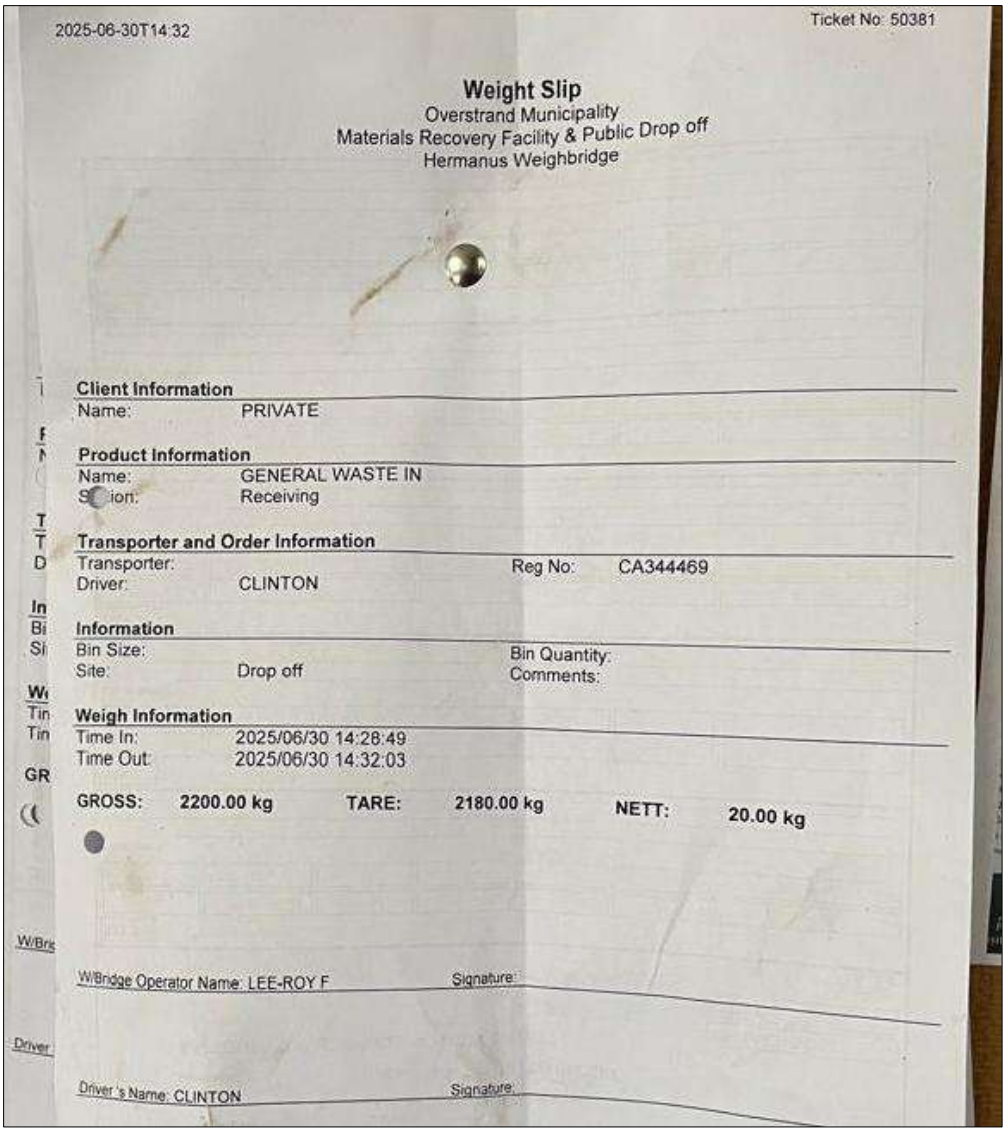


(b)



11-07-2025, 10:30 – Bins onsite at both HAV1 Repl. (a) and T4/5 (b).

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Waste from bins may be temporarily stored onsite in a central waste area that is weatherproof and scavenger proof (lockable), and which the ECO has approved.	Yes	No	N/A	No general waste is stored onsite. Waste bins are emptied when full.
Refuse is recycled wherever possible, with containers provided for glass, paper, metals, and plastics, and contents delivered to suitable recycling facilities when necessary.	Yes	No	N/A	Correctly implemented.
All construction waste or spoil material is recycled wherever possible, either onsite or taken back to the Contractor's workshop for disposal, with disposal slips provided.	Yes	No	N/A	Correctly implemented.
All litter and refuse are disposed of offsite at an approved landfill site. The Contractor provides the ECO with a certificate of disposal and retains a copy in the Site file.	Yes	No	N/A	Correctly implemented. Waste disposal slips from the Civils Contractor are pinned to the board in the site office at T4/5.



2025-06-30T14:32 Ticket No: 50381

Weight Slip
Overstrand Municipality
Materials Recovery Facility & Public Drop off
Hermanus Weighbridge

Client Information
Name: PRIVATE

Product Information
Name: GENERAL WASTE IN
Section: Receiving

Transporter and Order Information
Transporter:
Driver: CLINTON
Reg No: CA344469

Information
Bin Size:
Site: Drop off
Bin Quantity:
Comments:

Weigh Information
Time In: 2025/06/30 14:28:49
Time Out: 2025/06/30 14:32:03

GROSS: 2200.00 kg TARE: 2180.00 kg NETT: 20.00 kg

W/Bridge Operator Name: LEE-ROY F Signature:

Driver's Name: CLINTON Signature:

11-07-2025, 10:30 – Waste disposal slip received for general waste disposal on the 30-06-2025.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Contaminated Water Management				
Water containing pollutants such as cement, concrete, lime, chemicals, oils, and fuels is discharged into a conservancy tank for removal to a licensed disposal facility. A certificate of disposal is retained in the Site file. This applies to water from concrete batching plants and runoff from fuel storage, refuelling, or equipment washing areas.	**Yes**	**No**	**N/A**	Correctly implemented. No disposal of such has been completed yet.
No paint products, chemical additives, or cleaners (e.g., thinners and turpentine) or their wash water are disposed of onsite.	**Yes**	**No**	**N/A**	There are no paint products onsite.
The Contractor notifies the ECO immediately of any pollution incidents onsite and takes all reasonable measures to contain and minimize the effects of the pollution.	**Yes**	**No**	**N/A**	No pollution incidents have occurred.
Lights				
The Contractor ensures that onsite lighting does not cause avoidable disturbances to surrounding users and does not attract unwanted insects or animals. All installed lighting is energy-efficient where practical and is turned off when not in use.	**Yes**	**No**	**N/A**	No work will be occurring at night at either site.
Noise				
The Contractor limits noise levels (for example, by installing and maintaining silencers on plant equipment or using hay bales to lessen the noise).	**Yes**	**No**	**N/A**	Not required at this stage. Will be implemented if required.
Employees are provided with adequate PPE with respect to ear protection.	**Yes**	**No**	**N/A**	As above.
No amplified music or sound equipment is allowed onsite. Audio equipment may only be used at low volumes to remain unobtrusive. Sound amplification is permitted only in emergency situations	**Yes**	**No**	**N/A**	No music or sound equipment present onsite at either site.
Dust Management				
The Contractor takes all reasonable measures to minimise the generation of dust.	**Yes**	**No**	**N/A**	Not required at this stage due to wet weather conditions.
Stockpiles are kept in sheltered areas and managed in the following manner: Stockpile slopes are minimized to a natural angle of repose; stockpile sizes have been limited to a maximum height of 2 meters and stockpiles not in active use have been covered with shade cloth or geofabric.	**Yes**	**No**	**N/A**	Correctly implemented at T4/5. Subsoil stockpiles have not been covered with shade cloth, but this is not an issue due to the current wet conditions, as well as being largely clay based and unlikely to blow away. Soil stockpiles are in the process of being returned as backfill material, on top of bedding material. Topsoil stockpiles are required to be covered with shade cloth. See section “Topsoil Management” below. Not currently required at HAV1. Repl.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Dust suppression (wetting or other best practicable environmental option) is used in and around the Construction area, along haul roads, at stockpiles, and any additional area indicated by the EO/ECO.	**Yes**	**No**	**N/A**	Not required at this stage due to wet weather conditions.
Dowsing, with non-potable water (not including treated effluent or seawater, which may not be used for any activities), is implemented to reduce and control dust fallout.	**Yes**	**No**	**N/A**	As above.
Construction Personnel Information Posters				
Environmental information posters ("dos and don'ts") have been erected at eating areas and other common areas. Posters are maintained in good condition and replaced if damaged or illegible.	**Yes**	**No**	**N/A**	Correctly implemented. Environmental ("dos and don'ts") posters and emergency numbers have been displayed at the site camp at T4/5. The ECO has a small white board pinned up in the site office which is updated weekly with items to be addressed by the Contractor. This is to aid in communication between the ECO and the Contractor's team.
Emergency Procedures				
EMS procedures are in place for emergencies and are being followed.	**Yes**	**No**	**N/A**	No emergencies have occurred.
In the event of an emergency, the Overstrand Municipality's Emergency Call Centre has been contacted using the appropriate numbers. Emergency contact numbers, including the local firefighting service, are posted in the Contractor's office and near the onsite telephone, and are retained in the Site file	**Yes**	**No**	**N/A**	As above.
General Protections in Terms of the National Heritage Resources Act (25 of 1999)				
If any heritage resource is encountered, work is stopped immediately, and the Engineer and ECO are notified. In this case, the Engineer/ECO contacts the relevant Heritage Authority, and work proceeds only upon their approval.	**Yes**	**No**	**N/A**	No heritage resources have been discovered.
A copy of the Record of Decision issued by Heritage Authorities is kept onsite, and The Contractor complies with the heritage management specifics outlined in the EMPr.	**Yes**	**No**	**N/A**	As above.
Protection of Natural Features				
The Contractor does not deface, paint, damage or mark any natural features situated in or around the site for survey or other purposes, unless agreed beforehand with the Engineer, ECO and Landowner.	**Yes**	**No**	**N/A**	Correctly implemented.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Any features affected by the Contractor in shall be restored/rehabilitated to the satisfaction of the ECO and Landowner.	Yes	No	N/A	No features have been affected.
Protection of Flora and Fauna				
Vegetation and flora are not removed, damaged, or disturbed except as necessary for the works, as specified by the ECO.	Yes	No	N/A	Correctly implemented. Note: Beginning March 2025, during the overhead cable installation at T4/5, all vegetation beneath the cable was brush-cut and improperly treated. The area will be monitored until the alien vegetation can be correctly identified and treated with an appropriate herbicide for proper removal.
A Specialist has identified natural vegetation or rare/endangered flora to be preserved. The Contractor has demarcated these areas as "no-go areas" to protect the flora. Necessary measures have been taken to ensure the protection of identified flora.	Yes	No	N/A	Search and Rescue was completed by a Specialist for the pipeline route at T4/5 on 25-02-2025 and 08-05-2025. Not required at HAV1 Repl.
Equipment has not been driven across natural vegetation, where possible. Areas of needless vegetation destruction have been reinstated to the standard specified by the ECO.	Yes	No	N/A	Correctly implemented.
Trapping, poisoning, shooting, or hunting of animals, including collecting carcasses, is strictly prohibited. No domestic pets or livestock are permitted onsite, and Site staff are prohibited from keeping pets. Measures are in place to keep domestic and native animals from surrounding Landowners safe from unprotected Works.	Yes	No	N/A	No hunting has occurred.
Clearing of Vegetation				
Vegetation clearance is strictly limited to what is required for construction activities. A qualified Botanical Specialist has been appointed to identify and oversee the removal, rescue, and relocation of Species of Conservation Concern (SOCC).	Yes	No	N/A	Search and Rescue has been completed by a Specialist for the pipeline route at T4/5. See above. Not required at HAV1 Repl.
Vegetation clearance has been approved by the Botanical Specialist, in line with the approved EMPr. vegetation clearance is restricted to the exploration camp, approved access routes, and areas where vegetation interferes with construction activities. No undue or unnecessary vegetation removal has occurred.	Yes	No	N/A	Correctly implemented.
Approved vegetation clearance is undertaken by hand using handheld implements, cutting vegetation at ground level without uprooting. Root structures are not removed or tampered with, and roots are left intact and in situ as far as reasonably possible.	Yes	No	N/A	Correctly implemented by a Specialist for the pipeline route at T4/5. Remaining vegetation is to be included in the topsoil stockpiles as per the request of the Specialist. Not required at HAV1 Repl.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
No tracked or wheeled mechanised equipment is used for vegetation clearance.	Yes	No	N/A	As above.
Vegetation clearance is conducted in phases to reduce erosion and water pollution. Clearing operations are scheduled to minimise the exposure time of cleared areas before construction starts. Cleared areas are stabilised as soon as possible where necessary.	Yes	No	N/A	As above.
Site clearance activities cease immediately upon encountering fauna. Fauna is safely relocated before activities resume.	Yes	No	N/A	As above.
Vegetation is disposed of at an approved disposal site. Burying or burning of vegetation is strictly prohibited. Cut vegetation is to be disposed of at a licensed landfill facility with slips provided to the ECO.	Yes	No	N/A	No further vegetation disposal has occurred.
Riparian and Instream Habitat				
No construction activities occur within riparian or wetland habitats.	Yes	No	N/A	Correctly implemented.
Topsoil Management				
Topsoil (up to 300 mm deep, or to bedrock if shallower) and root material from cleared vegetation are stripped for rehabilitation and revegetation. Stripping is done according to the specified depth.	Yes	No	N/A	Correctly implemented. Topsoil has been cleared along the entire length of the pipeline to avoid compaction from excavators and timeline delays. Note: All line items under this section are applicable to T4/5 only and not HAV1 Repl., as no topsoil will be cleared at HAV1 Repl.
Topsoil is stripped from all areas subject to compaction, as per environmental specifications and ECO direction. Topsoil from different areas is stockpiled separately and returned to its original location, as well as stored separately from subsoil.	Yes	No	N/A	All required topsoil along the pipeline route has been cleared.
Topsoil is covered with shade cloth or geofabric to prevent desiccation.	Yes	No	N/A	All topsoil piles have been correctly covered with shade cloth to prevent desiccation.
Stockpiles are placed on previously disturbed areas or areas with minimal environmental impact. Stockpiles do not exceed 2 m in height and maintain a natural angle of repose.	Yes	No	N/A	Subsoil stockpiles have been placed outside of the demarcated area on top of vegetation. The Contractor was requested to seek advice from the Rehabilitation Specialist on how to remove the soil without damaging the underlying vegetation. This is outstanding since the 05-06-2025. Note: The Contractor has been instructed by the Rehabilitation Specialist to remove the subsoil by hand to prevent damage to vegetation and topsoil.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Erosion control measures (e.g., bund walls) are in place to prevent stockpile erosion and compaction. Stockpiles do not obstruct water flow or cause water damming.	Yes	No	N/A	All topsoil stockpiles have been correctly covered with shade cloth. Subsoil and bedding stockpiles have not been covered with shade cloth but this is not an issue due to the current wet conditions, as well as being largely clay based and unlikely to blow away.
Topsoil and subsoil are stockpiled separately and reinstated in reverse order. Topsoil is only handled during removal and reinstatement. Replaced soil is compacted and levelled with adjacent areas, especially near watercourses.	Yes	No	N/A	Correctly implemented. Topsoil will be reinstated by the Rehabilitation Contractor once the pipeline has been completed.
Erosion and Sedimentation Control				
Any erosion or sedimentation on or off-site has been identified and reported. Rectification measures, as specified by the ECO, have been implemented.	Yes	No	N/A	Erosion is occurring along the access road to both HAV1 Repl. and T4/5 and will be addressed if and when necessary. See section “Access Routes/Haul Roads” above.
Any tunnels or erosion channels have been backfilled, compacted, and restored.	Yes	No	N/A	The existing trench, adjacent to which the pipeline will be laid, is already existing on the property and will be reinstated to its state prior to works following the installation of the pipeline at T4/5.
Cleared areas have been stabilised to prevent erosion, as per ECO’s guidance.	Yes	No	N/A	Not required at this stage.
Earthworks Management				
Excavated trenches are demarcated and fenced off as “no-go” areas when no Construction activity is underway. Trenches and excavations are backfilled as soon as possible, ideally during pipeline/cabling laydown.	Yes	No	N/A	Correctly implemented. The Contractor has reinstated the danger tape along the upslope boundary of the working area at T4/5. Note: All line items under this section are applicable to T4/5 only and not HAV1 Repl., as no further earthworks are required at HAV1 Repl.
Open trenches are inspected daily for trapped animals, and any found are safely relocated. Excavation in watercourses/wetlands occurs only in the dry season and is avoided during predicted heavy rains.	Yes	No	N/A	Correctly implemented. All trenches are inspected daily for fauna which may be trapped, and none have been found to date. Note: the existing trench, adjacent to which the pipeline will be laid, is already existing on the property and will be reinstated to its state prior to works following the installation of the pipeline at T4/5.
Soils are appropriately compacted according to the natural soil characteristics of the area to preserve future surface and subsurface drainage through the previously trenched areas.	Yes	No	N/A	Correctly implemented. Trenches are backfilled with original subsoil and local bedding material.
Stockpiles are kept free of weeds throughout construction. Stockpiles are not placed within the 1:20 flood line, within 50 m of wetlands/watercourses, or outside designated areas in construction diagrams.	Yes	No	N/A	Subsoil stockpiles have been placed outside of the demarcated area at T4/5. See section “Topsoil Management” above.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Only backfill material from an approved, alien-free source is used. Backfill is free of foreign matter such as litter, waste, vegetation, and seed stock.	Yes	No	N/A	Trenches are backfilled with original subsoil material and clean bedding has been sourced from a local company.
Changes in natural gradients due to Construction activities are avoided where possible or mitigated by levelling the slope to the original gradient during rehabilitation.	Yes	No	N/A	The existing trench, adjacent to which the pipeline will be laid, is already existing on the property and will be reinstated to its original state prior to works following the installation of the pipeline at T4/5.
Trenching				
Trenching for services shall be undertaken in accordance with the engineering specifications with the following environmental amplifications.	Yes	No	N/A	Correctly implemented.
A buffer zone must be implemented for each wetland/watercourse and construction within the buffer zone must be restricted to the trench line and working side of the trench.	Yes	No	N/A	Trenching will not occur adjacent or next to a wetland and/or watercourse.
Soil shall be excavated and used for refilling trenches i.e., soil from the first trench shall be excavated and stockpiled, thereafter soil from the second excavated trench length shall be used to backfill the trench behind it once the services have been laid. The last trench shall be filled using the soil stockpiled from the first trench.	Yes	No	N/A	The majority of the trench at T4/5 has been backfilled with only ~150 m open on the borehole-side of the trench line. The Contractor is hoping to complete the trenching and backfilling by 24-07-2025.
Trench lengths shall be kept as short as practically possible before backfilling and compacting.	Yes	No	N/A	See above.
Trenches shall be re-filled to the same level as (or slightly higher to allow for settlement) the surrounding land surface to minimise erosion.	Yes	No	N/A	The existing trench, adjacent to which the pipeline will be laid, is already existing on the property and will be reinstated to its original state prior to works following the installation of the pipeline at T4/5.
Protection of Watercourses, Waterbodies and Wetlands				
The Contractor ensures that all watercourses and waterbodies are protected from contamination or degradation as a result of their activities, including protection from direct or indirect spills of pollutants.	Yes	No	N/A	No watercourses and/or waterbodies have been contaminated or degraded. It is expected that stormwater (or rainwater runoff) will be heavily silted after flowing through the construction area, however, a Freshwater Specialist is monitoring downslope ecosystems for potential impacts.
In the event of a spill, prompt action (as planned and approved in the Emergency Plan Method Statement) is taken to clear the polluted or affected areas, and the Engineer and ECO has been notified immediately.	Yes	No	N/A	Correctly implemented.
No activities occur within wetland areas unless necessary, with approval from the Engineer and ECO.	Yes	No	N/A	Correctly implemented.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Stormwater, Runoff Management and General Water Management				
No stormwater containing waste, or water containing waste emanating from Construction activities is discharged into a watercourse or waterbody.	**Yes**	**No**	**N/A**	Correctly implemented. One section of trench at T4/5 has rainwater in it. The Contractor's trench ends at a low point in the landscape with a culvert beneath the access road to allow stormwater to drain downslope. The Contractor's trench is overflowing through the existing culvert into the downslope vegetation. Stormwater mitigation measures have been put in place by means of PVC piping to drain the water across the footpath as well as by placing a large pipe across the berm and the adjacent road. Initially the water was running down the road but an extension was added to the end of the pipe to divert the water into the adjacent heavily vegetated area. Stormwater management is not required within the site area at HAV1 Repl, however, erosion is still looked out for.



(a)

(b)



(c)





(d)



(e)

11-07-2025, 10:30 – The water entering the trench is flowing downslope within the trench toward the culvert (a). From there, it continues downslope into dense vegetation (e). The Contractor had diverted a particularly high flowing area of stormwater through a PVC pipe across the trench and into the road (b) and (c) an extension was added (d) and the flow of water was diverted into dense vegetation (e).

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Uncontaminated water is removed from the site by allowing it to seep back into the soil around the site.	Yes	No	N/A	As above.
Suitable control of runoff is ensured during the Construction phase to prevent erosion of topsoil on stockpiles and adjacent land and undeveloped portions of the site. Erosion is monitored, and mitigation measures are implemented including, but not limited to, utilisation of sandbags and berms to prevent water from engrossing on sensitive ecosystems and to focus drainage into soft sands around the site.	Yes	No	N/A	Correctly implemented. There is currently one section of runoff which is flowing next to the footpath and into the trench. The flow of water was impeding construction and was diverted across the trench into the downslope vegetation, see above. There has been no erosion observed thus far (with the exception of the access roads). Construction runoff is being allowed to flow through the trench into a low point in the landscape with a culvert beneath the access road to drain downslope. See photographs above.
Clean water and dirty water systems are managed independently and be kept separately.	Yes	No	N/A	Not required at this stage as there are no construction materials present in the water from the trench. Sediments coming from the trench stormwater are considered clean insitu material (soluble soils and clays in solution). Thus the water is considered to be clean.



11-07-2025, 10:30 – The water entering the trench is flowing downslope within the trench toward the culvert (a). From there, it continues downslope into dense

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Erosion and stormwater management measures, such as berms, silt fences, and/or hessian curtains, have been implemented to prevent sedimentation of freshwater features and divert stormwater away from erosion-prone areas. Erosion control measures are being monitored regularly throughout the construction phase to ensure effectiveness.	**Yes**	**No**	**N/A**	The Contractor has been requested to put erosion and stormwater management measures in place as the wet season has started, and erosion is being monitored. See above.
Stormwater is directed towards stabilised areas to dissipate the energy of water flow. No ponding of stormwater is occurring on the site. Stormwater is confined to a dedicated stormwater channel on the Site. Stormwater from bunded areas is collected in a suitable container for proper disposal off-site.	**Yes**	**No**	**N/A**	Stormwater is being directed through an existing culvert and into dense vegetation. In addition, a small section of the trench has been stabilised with sandbags. There are currently no bunded areas onsite.
 **11-07-2025, 10:30 – Sandbags have been used along a short section of the trench for stabilisation.**				
Increased runoff from vegetation clearance and/or soil compaction is being managed to prevent erosion and silt entry into streams.	**Yes**	**No**	**N/A**	The increased runoff from the heavy rains is directed through dense vegetation which will reduce silt loads into the downslope stream. However, a Freshwater Specialist is monitoring downslope ecosystems for potential impacts.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Temporary Site Closure				
In the event of temporary site closure (for a period exceeding one week), the Contractor's ESO shall carry out checks and report on compliance to the ECO.	**Yes**	**No**	**N/A**	Neither site is currently temporarily closed.
Fire extinguishers are serviced and accessible.	**Yes**	**No**	**N/A**	As above.
There is adequate ventilation in enclosed spaces.	**Yes**	**No**	**N/A**	As above.
All hazardous substance stores are securely locked.	**Yes**	**No**	**N/A**	As above.
Fencing and barriers are in place.	**Yes**	**No**	**N/A**	As above.
Emergency and management contact details are prominently displayed and available.	**Yes**	**No**	**N/A**	As above.
Wind and dust mitigation measures e.g., straw, brush packs, irrigation, etc. are in place.	**Yes**	**No**	**N/A**	As above.
Excavated and filled slopes and stockpiles are at a stable angle and capable of accommodating normal expected water flows.	**Yes**	**No**	**N/A**	As above.
There are sufficient detention ponds or channels in place.	**Yes**	**No**	**N/A**	As above.
Cement and materials stores are secured.	**Yes**	**No**	**N/A**	As above.
Toilets are empty, secured, and lockable.	**Yes**	**No**	**N/A**	As above.
Central waste area and all refuse bins are empty and secured.	**Yes**	**No**	**N/A**	As above.
Contaminated water conservancy tank empty.	**Yes**	**No**	**N/A**	As above.
Any bunded areas are clean and treated with an approved product where applicable (e.g., Spill Sorb or Enretech #1 Powder or equivalent).	**Yes**	**No**	**N/A**	As above.
Drip trays are empty and secure.	**Yes**	**No**	**N/A**	As above.
Excavations should not be left open during temporary closures. If an excavation must remain open during temporary closure, then someone must check the excavation on a regular basis for the presence of animals and for the need to de-water (especially after rainfall).	**Yes**	**No**	**N/A**	As above.
Demolition and Removal of Structures				
The Contractor demolishes and removes from site everything not forming part of the Permanent Works, prior to landscaping and rehabilitation.	**Yes**	**No**	**N/A**	Work is ongoing. Not required at this stage.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
All material generated from the demolition and removal of structures from site are appropriately disposed of if not reused. All incidental excavations are refilled and adequately compacted and rehabilitated.	**Yes**	**No**	**N/A**	As above.

The responsible personnel shall identify the root cause of Non-Compliance found and adopt the appropriate Corrective and Preventive Actions for mitigation measures. Confirmation of the effectiveness of the Corrective and Preventive Actions shall be verified by the ECO and approved by the Overstrand Municipality within an agreed time.



(Environmental Control Officer: Melissa Weeks)

Date: 11-07-2025

ENVIRONMENTAL SITE INSPECTION

Revision 1

Project and Site Information			
Date	18-07-2025	**Site Location**	HAV1 Repl.: -34.398490°; 19.209445° T4/5: -34.375420°; 19.246203°
Time	11:00	**Site Owner**	HAV1 Repl.: Overstrand Municipality T4/5: Bouchard Finlayson Winery
Project Title	972 – Hemel en Aarde Expansion	**Inspected By**	ECO Melissa Weeks
Contract	SC2504_2024 Civil, Mechanical & Electrical	**Stage / Status during Inspection**	HAV1 Repl.: The borehole has been connected to the mains water line. T4/5: Pump installation has been completed, awaiting test pumping. Further electrical work and network connections are being installed. Note: The site camp at T4/5 will serve for both it and HAV1 Repl.
Corresponding Method Statement	Environmental Method Statement: Supply and Install Mechanical, Electrical and Civil Borehole Hermanus	**Environmental Method Statement Date**	17-02-2025

Summary of Non-Compliance Issues

Site / Area	Aspect	Date Identified	Date Corrected	Action Taken
T4/5	The drip tray beneath the excavator onsite is broken and needs to be replaced.	14-03-2025	03-04-2025	The Contractor was requested to obtain a new drip tray.
	The excavator arm is leaking oil, which is currently dripping onto the excavator itself rather than the ground. However, the ground beneath is not protected by a drip tray, creating a risk of contamination if the oil starts to drip further.	14-03-2025	03-04-2025	Although no oil has spilled onto the ground yet, the Contractor was instructed to place a drip tray beneath the arm as a precaution and to either repair the leak or remove the excavator from the site. On the 20-03-2025 it was noted by the ECO that a drip tray has been placed below the dripping arm of the excavator. On the 27-03-2025 it was noted that a cloth was used to temporarily stop the dripping of oil from the excavator.
HAV1 Repl. & T4/5	There are no bins onsite.	14-03-2025	25-04-2025	The Contractor was requested to obtain bins for general, hazardous and recycling waste.
T4/5	There are no environmental (“dos and don’ts”) posters/signs on display at the site camp.	14-03-2025	27-03-2025	The Contractor was requested to display an environmental awareness poster.

Summary of Non-Compliance Issues				
Site / Area	**Aspect**	**Date Identified**	**Date Corrected**	**Action Taken**
HAV1 Repl.	There is no smoking area defined onsite.	20-03-2025	27-03-2025	The Contractor was requested to set up a smoking area with a nearby fire extinguisher.
	Partial Compliance. There is no defined eating area for staff onsite.	20-03-2025	10-04-2025	The Contractor was requested to define an eating area onsite.
	Partial Compliance. The toilet is latched from the outside to prevent animals from entering but is not secured to prevent toppling.	20-03-2025	03-04-2025	The Contractor was requested to secure the toilet to the ground.
	There were no fire extinguishers onsite.	20-03-2025	27-03-2025	The Contractor was requested to take a fire extinguisher from the site camp to HAV1 Repl. every time they are working onsite.
HAV1 Repl. & T4/5	The working area at HAV1 Repl. has been demarcated with danger tape, but T4/5 has not been.	27-03-2025	03-04-2025	The Contractor was requested to demarcate the working area using temporary fencing.
	Disposal of both general waste and brush-cut alien vegetation has been completed. The Contractor reported that no disposal slips were issued by the municipal facilities.	03-04-2024	08-04-2025	The ECO visited the municipal facility to enquire about proof of disposal for the alien vegetation. Staff explained that they do not typically provide official stamps or signatures. However, a logbook of incoming vehicle registration plates is maintained. The ECO has requested that, if permitted, the Contractor take a photo of the logbook showing their vehicle's entry. The general waste facility does issue disposal slips when vehicles go over the weighbridge. If not, staff are usually willing to sign a slip provided by the Contractor. On 08-04-2025 the Contractor confirmed that they had attempted to obtain a disposal slip for the waste that had already been offloaded. However, the facility would not issue a slip retrospectively. Going forward, the Contractor has been instructed to use the weighbridge to ensure proper disposal documentation is provided.
HAV1 Repl.	An oily fuel drum has been used for staff to store their lunch bags. It is unclear whether the oil was present beneath the bags during the inspection on 10-04-2025.	17-04-2025	24-04-2025	The Contractor was requested to immediately remove the oily drum from site and place it in the container at site camp.
	Partial Compliance. Two small cement spills have been observed at HAV1 Repl.	17-04-2025	22-04-2025	The Contractor was requested to pick these up and place them with the excess rubble that is stored on a plastic sheet adjacent to the pumphouse for disposal.

Summary of Non-Compliance Issues				
Site / Area	**Aspect**	**Date Identified**	**Date Corrected**	**Action Taken**
	A small amount of litter was seen around the site area.	29-04-2025	29-04-2025	The Contractor immediately cleaned up the litter.
Site Camp	Partial Compliance. The Contractor does not have a copy of the MSDS for Bricure (cement sealant) onsite.	08-05-2025	29-05-2025	The Contractor was requested to obtain a copy of this MSDS for the site file. The ECO tried finding this online but was unsuccessful.
HAV1 Repl.	Partial Compliance. A section of the barrier fence around the site has blown over.	19-05-2025	05-06-2025	The Contractor was requested to reinstate the barrier fence. Note: on the 29-05-2025 a section of the barrier fence has been removed. The Contractor was requested to reinstate the barrier fence.
	Partial Compliance. The toilet onsite is secured to the ground but not latched.	19-05-2025	29-05-2025	The Contractor was requested to ensure that the toilets onsite are always latched closed to prevent animals from entering.
T4/5	The Contractor has separated the topsoil from the subsoil but has not demarcated the topsoil.	19-05-2025	29-05-2025	The Contractor was requested to cover topsoil with netting to ensure it is kept separate from subsoil and not mistakenly used as such.
	Partial Compliance. Topsoil has not yet been cleared along the pipeline route in some areas where the excavators are operating. If not removed promptly, it is at risk of becoming compacted.	19-05-2025	29-05-2025	The Contractor was instructed to remove the topsoil along the excavator route before excavation work continues.
	Topsoil stockpiles have not been covered with netting.	19-05-2025	30-06-2025	The ECO requested netting be placed over topsoil stockpiles for demarcation and to prevent erosion. 05-06-2025: Majority of the topsoil stockpiles have been covered with shade cloth, but not all.
	Some sections of the barrier tape have been buried by subsoil stockpiles which have been placed outside of the demarcated area.	29-05-2025	13-06-2025	The Contractor was requested to reinstate the danger tape.
	One generator onsite was correctly placed inside a drip tray, while the other was not. Additionally, the crane truck did not have any drip trays beneath it.	29-05-2025	05-06-2025	The Contractor was instructed to ensure that all generators are placed inside drip trays and not directly on the ground, and that all vehicles have appropriate drip trays positioned underneath them.
	Subsoil stockpiles have been placed outside of the demarcated area on top of vegetation.	05-06-2025	Pending	The Contractor was requested to seek advice from the Rehabilitation Specialist on how to remove the soil without damaging the underlying vegetation. Note: The Contractor has been instructed by the Rehabilitation Specialist to remove the subsoil by hand to prevent damage to vegetation and topsoil.

Summary of Non-Compliance Issues				
Site / Area	**Aspect**	**Date Identified**	**Date Corrected**	**Action Taken**
	The majority of the trench remains open due to time constraints and the approaching rainy season, which has made it difficult for the Contractor to complete trenching and backfilling in smaller sections as outlined in the EMS.	05-06-2025	03-07-2025	The Contractor is making a consistent effort to comply with all other EMS conditions and continue work responsibly under the circumstances.
	The large excavator onsite is leaking oil from underneath onto a plastic sheet. This is a new leak and unrelated to the leak identified on 14-03-2025. No evidence of spills beneath the sheet are evident.	13-06-2025	03-07-2025	The Contractor was requested to repair the excavator or remove it from site. 19-06-2025: A small amount of oil dripped outside of the plastic area onto the ground despite the excavator being repaired. The small spill was immediately picked up. The Contractor was requested to repair the excavator again. 26-06-2025: A small oil spill occurred beneath the excavator due to leftover oil from recent repairs and the absence of a drip tray. The contractor was instructed to clean the machine and carry out further repairs to identify and stop the leak.
	Partial Compliance. A small amount of cement spilled outside the shuttering.	13-06-2025	19-05-2025	The Contractor was requested to wait for the cement to dry and then pick it up and dispose of it as rubble.
Site Camp	The Electrical Contractor was to be inducted by the primary Contractor ahead of the installation of the electrical boxes. When the Contractor was asked to provide the ECO with an induction register, none could be provided.	03-07-2025	11-07-2025	The Contractor was requested to induct the Electrical Contractor and provide the ECO with a copy of the attendance register.
T4/5	Partial Compliance. The plastic beneath the small excavator had blown out from beneath the machine. The large excavator had drip trays beneath it, however, they were full of rainwater.	03-07-2025	11-07-2025	The Contractor was not onsite at the time of the inspection but was requested to rectify.
HAV1 Repl.	Partial Compliance. The security guard is smoking inside the hut, however, the cigarette buds are not being placed into the provided bin but rather on the ground outside the hut.	11-07-2025	18-07-2025	The security guard was requested to pick up the buds and place them in the bin.
T4/5	The large excavator onsite is leaking oil into a drip tray.	18-07-2025	Pending	The Contractor was requested to fix the excavator or remove it from site.

Summary of Non-Compliance Issues				
Site / Area	**Aspect**	**Date Identified**	**Date Corrected**	**Action Taken**
	Some sections of barrier fencing are broken along the trench working area.	18-07-2025	Pending	The Contractor was requested to reinstate the fencing.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
General				
Is the overall appearance of the site visually acceptable and tidy?	**Yes**	**No**	**N/A**	Correctly implemented at HAV1 Repl. and T4/5.



(a)

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)

(b)

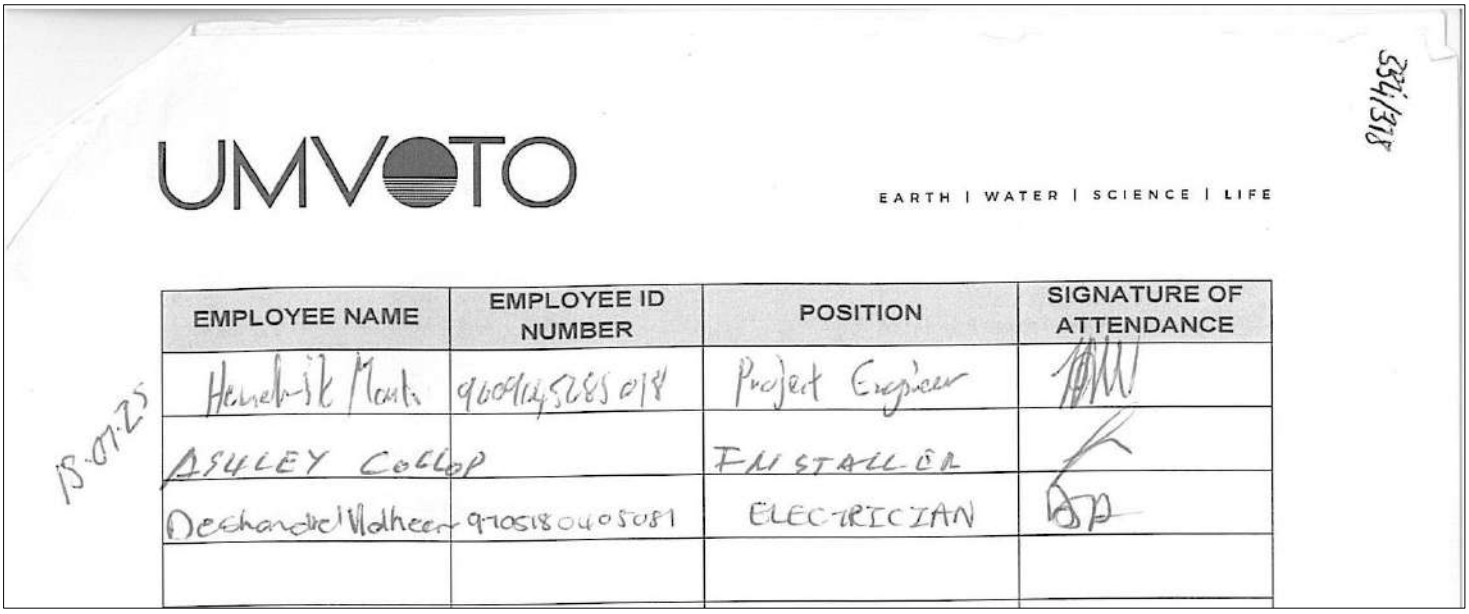


(c)



18-07-2025, 11:00 – A trench has been dug at HAV1 Repl. to connect the borehole to the mains water line (a). Electrical work is underway at the pump house at T4/5 (b). Trenching and laying of the pipeline is in progress at T4/5 (c), and therefore the majority of the trench is now closed.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
A copy of the EMS will always be available onsite in the site file.	Yes	No	N/A	A copy of the EMS is available in the site file.
Environmental Awareness Training				
The Contractor ensures that all employees, and those of their Sub-Contractor, attend an Environmental Awareness Training Course (EATC), conducted by the ECO. The training will cover key environmental features of the working area, its surroundings, and the environmental controls outlined in this specification.	Yes	No	N/A	An EATC was given to staff on the 24-02-2025 at the Contractor's offices. Further training has been given by the ECO to local labour and/or Subcontractors onsite on the 20-03-2025, 03-04-2025, 12-05-2025, 19-05-2025, 29-05-2025, 03-07-2025, and 18-07-2025.



UMVOTO

EARTH | WATER | SCIENCE | LIFE

EMPLOYEE NAME	EMPLOYEE ID NUMBER	POSITION	SIGNATURE OF ATTENDANCE
Hendrik Mouton	9009145285 018	Project Engineer	
ASHLEY COLLOP		INSTALLER	
Deshandre Matheen	9705180405081	ELECTRICIAN	

18-07-2025, 11:00 – Additional EATC (a) and (b) was given to the Electrical Contractor on the 18-07-2025 by the ECO.

The initial EATC shall be held within 28 days from the Commencement Date, and subsequent courses shall be arranged for new employees coming onto Site after the initial training course. Provision shall also be made for refresher courses to be undertaken on a quarterly basis during the Contract	Yes	No	N/A	Correctly implemented. See above.
The Contractor provides proof of attendance by all their employees in the form of a signed attendance register for each session. All environmental training registers are kept on file.	Yes	No	N/A	Correctly implemented.
Site Division, Demarcation and "No-Go" Areas				
The location, layout and establishment of the Contractors camp shall be approved by the ECO prior to the start of establishment.	Yes	No	N/A	Correctly implemented at both sites.
The Contractor restricts all their activities, materials, plant equipment and personnel to within the Site or any working areas specified or indicated on the drawings.	Yes	No	N/A	Correctly implemented at both sites.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Permanent and/or temporary fences have been erected and maintained in the locations specified in the Scope of Work or drawings, and, if specified, before the commencement of any construction activities.	**Yes**	**No**	**N/A**	Correctly implemented at HAV1 Repl. Partial Compliance at T4/5. Some sections of the barrier tape have come loose along the pipeline route. The Contractor was requested to reinstate these.

(a)



(b)



Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
 (c) 18-07-2025, 11:00 – Some sections of barrier tape along the pipeline route are no longer in place.				
Where environmentally sensitive areas are specified as “no-go” areas, no person, plant, equipment, or material shall enter these areas at any time, in accordance with the Contractor's authority.	Yes	No	N/A	Correctly implemented. No staff have been seen outside of the working area.
Access Routes/Haul Roads				
The Contractor controls the movement of all vehicles and construction equipment, including those of suppliers and subcontractors, ensuring they remain on designated routes and are distributed to prevent undue traffic concentration. All vehicle and equipment movement complies with relevant laws. The movement of such vehicles and construction equipment is planned and operated to minimise disruption to regular users of the routes.	Yes	No	N/A	Correctly implemented.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
As far as possible the Contractor uses existing access and haul routes.	Yes	No	N/A	Correctly implemented.
Any damage to existing access roads caused by construction activities has been repaired to the satisfaction of the Engineer using material similar to the original. The cost of repairs has been covered by the Contractor.	Yes	No	N/A	The road leading to HAV1 Repl. is slowly being damaged by erosion, which happens regularly in this area. The Contractor will repair the road should it be deemed necessary for access. Some erosion damage has been observed at T4/5. The Contractor will repair the road should it be deemed necessary for access.
No new access roads or tracks have been constructed without the Landowner's consent.	Yes	No	N/A	Correctly implemented.
Where new routes are required to gain site access, prior approval from the Engineer and ECO have been obtained. New access routes disturb the smallest possible area, avoid all "no-go" areas, and follow natural contours where possible.	Yes	No	N/A	No new routes are required at this stage.
Vehicle trips have been kept to a minimum to reduce vegetation damage, and all equipment has remained on the demarcated access route.	Yes	No	N/A	Correctly implemented. Vehicles are not driving over vegetation outside of working areas.
All directional signage for vehicle and equipment movement required by the Contractor, their Subcontractors or Suppliers is of an approved design and located as approved by the Engineer.	Yes	No	N/A	No directional signage is currently required.
Eating Areas				
The Contractor has designated eating areas within the approved camp.	Yes	No	N/A	Correctly implemented at the site camp at T4/5. The eating area at HAV1 Repl. has been removed as the Contractor is not onsite. The security guard is eating inside the hut at HAV1 Repl.
The feeding of, or leaving of food for, animals is strictly prohibited.	Yes	No	N/A	No food is left out for animals.
Sufficient bins are provided in specified areas, and lockable bins are used where required to prevent animal access (especially baboons).	Yes	No	N/A	Correctly implemented. See section "Solid Waste Management, Litter and Refuse".
Any cooking onsite is done on well-maintained gas cookers with valid fire extinguishers present. No open fires for cooking purposes are permitted under any circumstances.	Yes	No	N/A	No cooking is being done onsite.
Materials Handling, Use and Storage				
The Contractor shall ensure that any delivery drivers and visitors to site are informed of all procedures and restrictions. A visitor's register has been kept on file.	Yes	No	N/A	Correctly implemented.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Materials shall be appropriately secured to ensure safe passage between destinations. Loads, will be secured appropriately to prevent them spilling from the vehicle during transit.	Yes	No	N/A	Correctly implemented.
The Contractor shall be responsible for any clean up resulting from the failure by their Employees or Suppliers to properly secure transported materials.	Yes	No	N/A	No clean-up has been required.
All manufactured and/or imported materials shall, where reasonably possible, be stored within the Contractor's camp and, if so required by the Engineer/ECO, out of the rain.	Yes	No	N/A	Correctly implemented. Pipeline sections have been moved out of the trench opposite the site camp due to rainwater filling the trench. The pipes have been moved in front of the pumphouse at the site camp at T4/5. A stockpile of bedding material has been placed at the entrance to the farm and has been property demarcated as such. Further building material has been stored in the containers and in a fenced off area next to the Contractors site camp. No materials are being stored at HAV1 Repl.
The location and method of protection of such materials stored outside of the Contractor's camp and the method of rehabilitation of these areas, shall be subject to the Engineer/ECO's approval. Stockpile areas shall be approved by the Engineer/ECO before any stockpiling commences.	Yes	No	N/A	Correctly implemented.
Handling, Use and Storage of Hazardous Substances				
Surfaces where hydrocarbon spills may occur are adequately prepared to prevent pollution.	Yes	No	N/A	Correctly implemented.
The ECO has been informed of all hazardous substances stored onsite, and MSDSs have been provided.	Yes	No	N/A	MSDSs for petrol, diesel, cement, and Bricure are available in the site file.
Hazardous substances are stored in an appropriate area, in leak proof containers which are correctly labelled. Bunding the area will be required if necessary, as per the ECO.	Yes	No	N/A	Correctly implemented at the site camp and T4/5. There are no hazardous substances at HAV1 Repl.
Spills are immediately contained, the source is isolated, and the spillage is removed. Cleanup is conducted by applying absorbent material or by removing contaminated soil.	Yes	No	N/A	No leaks or spills were observed by the ECO during the inspection, and as such, no spills have occurred since the 26-06-2025.
Treatment or remediation of the spill is done to the satisfaction of the ECO, with waste disposed of at a licensed facility and disposal slips provided to the ECO.	Yes	No	N/A	No spills were observed by the ECO during the inspection, and as such, no spills have occurred since the 26-06-2025.The contaminated material is stored inside the storage container at the site camp.
Hydrocarbon Management (Fuels, Oils and lubricants)				
Hydrocarbon storage area is located where it does not pose a risk to sensitive ecosystems and or traffic and staff safety.	Yes	No	N/A	Correctly implemented. All fuel is stored in the container at the site camp at T4/5. There is no machinery or equipment at HAV1 Repl.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Surfaces, where the possibility of hydrocarbon spillage exists, are prepared in such a way as to mitigate these risks.	**Yes**	**No**	**N/A**	Correctly implemented. The plastic beneath the small excavator was in place. The smaller generators and pumps were stored away in the container at site camp. The large excavator did have a drip tray beneath it and the oil in the drip tray was noted as a leak from the excavator. See photograph of the large excavator and leak in section “Equipment Maintenance and Storage” below.



(a)

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
 **(b) 18-07-2025, 11:00 – The plastic beneath the small excavator was in place (a) and the other small generators were in the storage container (b).**				
Drip trays are placed under all parked or stationary plant/vehicles/machinery, and these containers are inspected to ensure no leakage occurs.	**Yes**	**No**	**N/A**	Correctly implemented. The large excavator onsite is leaking oil into the drip tray. See photograph in section “Equipment Maintenance and Storage” below.
Diesel/fuel is stored in sound storage tanks or in bowsers, and the tanks/bowsers are placed within a bunded area or on an area where the ground has been protected.	**Yes**	**No**	**N/A**	Correctly implemented. See section “Handling, Use and Storage of Hazardous Substances” above.
A spill kit is available on-site at all times, and unauthorized access to the fuel storage area is prevented.	**Yes**	**No**	**N/A**	A spill kit is available at the site camp at T4/5.
No smoking is permitted near the fuel storage area.	**Yes**	**No**	**N/A**	Correctly implemented. Smoking occurs at the site camp at T4/5. The security guard is smoking inside the hut at HAV1 Repl. A bottle is used as an ashtray for cigarette buds. See section “Fire Control” below.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
The Contractor has ensured that there is adequate fire-fighting equipment at the fuel stores.	Yes	No	N/A	Correctly implemented. See section “Fire Control” below.
Fuel containers are secured during transport.	Yes	No	N/A	Correctly implemented.
The surface under the refuelling area is protected against pollution to the ECO's satisfaction prior to refuelling activities. Equipment is refuelled with the use of drip trays.	Yes	No	N/A	No refuelling has been observed by the ECO.
Plant				
Equipment selection and operation are done with environmental degradation minimized, and equipment operators are made aware of environmental requirements and controls. Environmental training registers are kept on file onsite.	Yes	No	N/A	Correctly implemented. All machine operators have received Environmental Awareness Training by the ECO. See section “Environmental Awareness Training” above.
Equipment Maintenance and Storage				
Leaking equipment or vehicles emitting noticeably excessive fumes are repaired immediately or removed from Site.	Yes	No	N/A	The large excavator onsite is leaking oil into a drip tray. However, no spills outside of the drip tray were observed. The Contractor was requested to either repair the excavator or remove it from site.

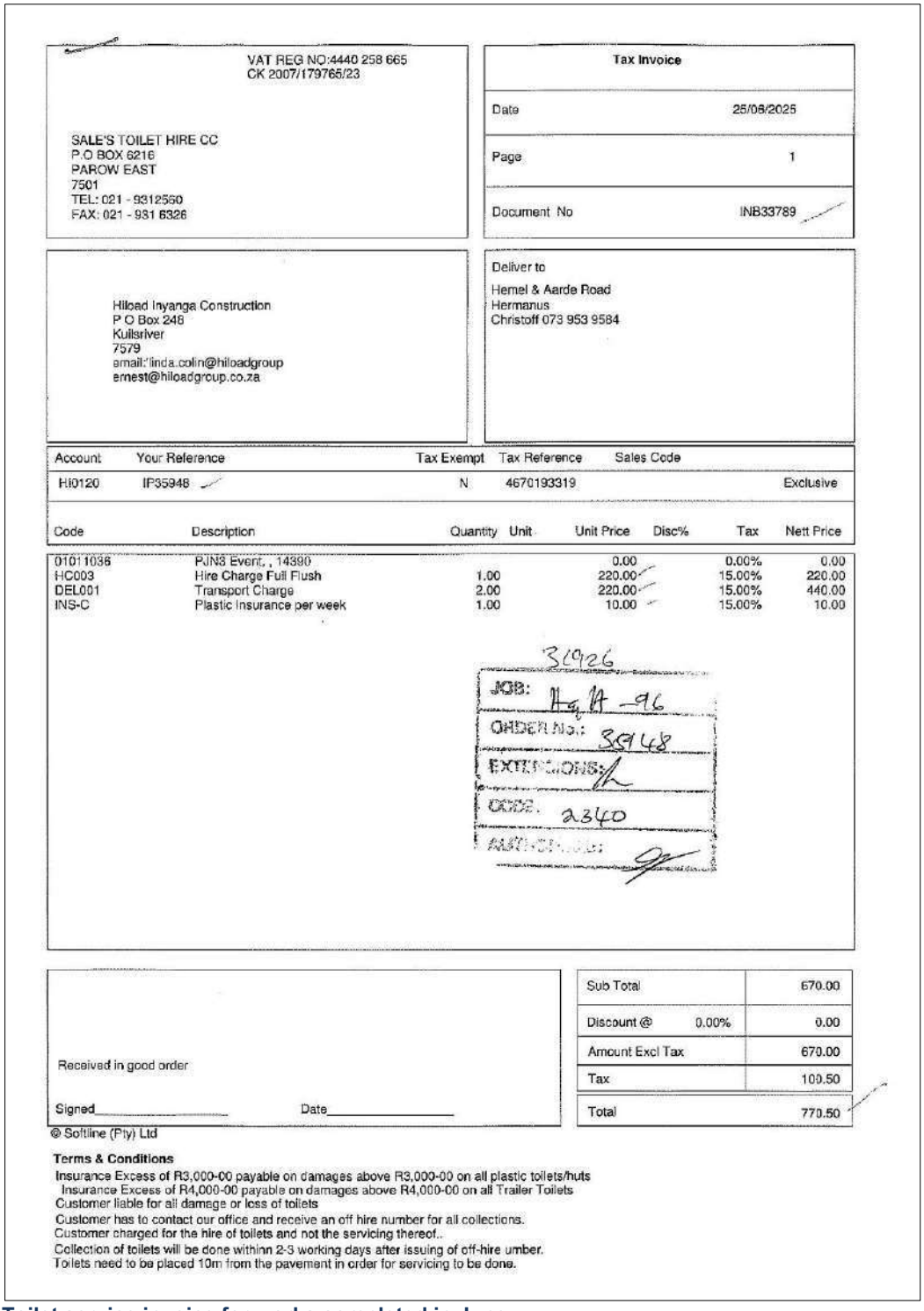


18-07-2025, 11:00 – The large excavator onsite is leaking oil into a drip tray at the site camp at T4/5.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Vehicles and machinery are serviced off-site, or if onsite maintenance is necessary, it is done outside sensitive areas, with prior approval from the Engineer and ECO. Portable drip trays on plastic are used to collect waste oil and lubricants to prevent environmental contamination.	Yes	No	N/A	Due to the size of the excavator, offsite repairs are not possible. Repairs are completed away from sensitive areas as and the Contractor was reminded to place mitigations beneath the excavator prior to completing repairs.
Drip trays are provided in construction areas for stationary/parked equipment, inspected and emptied daily, and monitored during rain events to prevent overflow. The Contractor ensures that equipment is covered so that rainwater is excluded from the drip trays.	Yes	No	N/A	Correctly implemented. Hazardous liquid waste is stored in a labelled bottle on a drip tray in the storage container at the site camp at T4/5.
Oil from drip trays is stored in clean drums on protected ground and removed regularly to an oil-recycling centre. Proof of disposal is kept on file onsite.	Yes	No	N/A	The amount of oil in drip trays has been minimal and is not sufficient to be stored in a drum for recycling. The Contractor is wiping excess oil with a rag and placing the rags into the solid hazardous waste drum in the storage container at T4/5 to be disposed of in due course. Proof of disposal still to be provided when disposed of.
Washing of equipment onsite is strictly prohibited.	Yes	No	N/A	No washing of equipment covered in hydrocarbons has occurred. Washing of cement covered tools has been allowed. See section “Cement and Concrete Batching” below.
Cement and Concrete Batching				
Batching will only occur in areas which are located on a smooth impermeable surface (concrete or 250 pm plastic) and cement is batched (mixed) in a bunded area within the boundaries of the development footprint.	Yes	No	N/A	Concrete work is complete for now.
Cement is stored within weatherproof facilities/covered to prevent environmental contamination.	Yes	No	N/A	Correctly implemented. Cement bags are kept in the container at the site camp at T4/5.
All wastewater resulting from batching of cement/concrete is disposed of via the contaminated water management system and is not discharged into the environment.	Yes	No	N/A	No washing of tools is currently occurring.
Waste water from cement/concrete works and tool washing will be directed into a sump lined with bidim.	Yes	No	N/A	Sumps have not been dug at the site camp at T4/5 as the Contractor is washing tools in a water drum. The Contractor was reminded that no washing of tools at HAV1 Repl. is allowed due to there being no sump or water drum onsite. Tools are to be cleaned in the drum at T4/5 only.
Once work is complete the bidim sump will be removed and the waste material will be disposed of at a licenced facility.	Yes	No	N/A	Not required at this stage. Waste sediments are allowed to settle at the bottom of the drum and will be disposed of at a licenced facility when necessary.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Diversion berms are installed to direct contaminated water to a storage area, and contaminated water storage areas are protected from overflow, rain, and flooding.	Yes	No	N/A	Not required at this stage.
Sand, aggregate, cement or additives used during the mixing process are stored and appropriately and to prevent contamination of the surrounding environment.	Yes	No	N/A	As above.
Empty cement bags are stored in weatherproof containers to prevent contamination and are disposed of regularly through the hazardous waste management system.	Yes	No	N/A	Empty cement bags (neutralised with water) were placed in with general waste for disposal when required.
Reasonable measures are taken by the Contractor to prevent cement/concrete spillage during batching and construction. The ground beneath the shoots of cement trucks shall be protected with plastic sheeting.	Yes	No	N/A	No cement works are currently underway.
Spoiled or excess aggregate/cement/concrete is removed and disposed of through the solid waste management system, with a disposal certificate retained in the site file.	Yes	No	N/A	There is currently no excess rubble at either site.
Ablution and Toilet Facilities				
Washing, defecating, and urinating are only permitted at designated facilities.	Yes	No	N/A	No washing, defecating, or urinating has occurred outside of toilet facilities at either site.
Ablution facilities, including shelter, toilets, and washing facilities, are provided by the Contractor for all personnel onsite. Toilet facilities are provided at a ratio of at least 1 toilet per 30 workers (1:15 preferred).	Yes	No	N/A	Correctly implemented at both sites.
Toilet facilities are located within the Contractor's camp, but also at work areas remote from the camp, all to the satisfaction of the ECO.	Yes	No	N/A	Correctly implemented at both sites.
All portable toilets are adequately secured to the ground to prevent them toppling over because of wind or any other cause, and latched closed to prevent fauna getting in.	Yes	No	N/A	Correctly implemented at both sites.
The Contractor has ensured that the entrances to these toilets are maintained in a hygienic state, serviced regularly, that no spillage occurs when they are cleaned and that contents are removed from Site.	Yes	No	N/A	Correctly implemented at both sites.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)



VAT REG NO:4440 258 665
CK 2007/179765/23

SALE'S TOILET HIRE CC
P.O BOX 6216
PAROW EAST
7501
TEL: 021 - 9312550
FAX: 021 - 931 6326

Tax Invoice

Date 25/06/2025

Page 1

Document No INB33789

Hiload Inyanga Construction
P O Box 248
Kuilsriver
7579
email:'linda.colin@hiloadgroup
ernest@hiloadgroup.co.za

Deliver to
Hemel & Aarde Road
Hermanus
Christoff 073 953 9584

Account	Your Reference	Tax Exempt	Tax Reference	Sales Code	
HI0120	IP35948	N	4670193319		Exclusive

Code	Description	Quantity	Unit	Unit Price	Disc%	Tax	Nett Price
01011036	PJN3 Event, , 14390			0.00		0.00%	0.00
HC003	Hire Charge Full Flush	1.00		220.00		15.00%	220.00
DEL001	Transport Charge	2.00		220.00		15.00%	440.00
INS-C	Plastic Insurance per week	1.00		10.00		15.00%	10.00

31926
JOB: Hq A -96
ORDER No.: 35948
EXTENSIONS:
2340

Received in good order

Signed_____ Date_____

Sub Total		670.00
Discount @	0.00%	0.00
Amount Excl Tax		670.00
Tax		100.50
Total		770.50

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Terms & Conditions

Insurance Excess of R3,000-00 payable on damages above R3,000-00 on all plastic toilets/huts
Insurance Excess of R4,000-00 payable on damages above R4,000-00 on all Trailer Toilets
Customer liable for all damage or loss of toilets
Customer has to contact our office and receive an off hire number for all collections.
Customer charged for the hire of toilets and not the servicing thereof..
Collection of toilets will be done within 2-3 working days after issuing of off-hire umber.
Toilets need to be placed 10m from the pavement in order for servicing to be done.

17-07-2025, 11:30 – Toilet service invoice for works completed in June.

Discharge of waste from toilets into the environment and burial of waste is strictly prohibited.	Yes	No	N/A	No waste from toilets has been buried.
No ablution facilities are located closer than 50 m to any watercourse, wetland or other surface water body.	Yes	No	N/A	Correctly implemented at both sites.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Water Use				
Water is conserved wherever possible, with efforts to minimize usage and immediate attention given to any wastage.	**Yes**	**No**	**N/A**	Correctly implemented.
Water for potable use is sourced from a legal source, and the Contractor absolves the Employer of all risk or liability regarding compliance with relevant statutory obligations.	**Yes**	**No**	**N/A**	Correctly implemented. Water for construction at both sites is taken from the municipal line running from the old HAV1 borehole. The water is transported to T4/5 in jerry cans.
Water is not abstracted from private property without the prior written approval of the Landowner.	**Yes**	**No**	**N/A**	Correctly implemented. Permission was given to the Contractor by the Overstrand Municipality to use the groundwater from the old HAV1 borehole.
Only non-potable water from an approved source is used for construction activities such as dust suppression, etc.	**Yes**	**No**	**N/A**	Correctly implemented.
Water for construction purposes is bought to site in bowsers and stored in appropriately if required.	**Yes**	**No**	**N/A**	Water for T4/5 is transported in jerry cans when needed. It has been stored in an open container onsite and is used for the washing of cement covered tools when required, in lieu of a bidim-lined sump in the ground.
The Contractor ensures that the re-use of construction water is maximised.	**Yes**	**No**	**N/A**	Correctly implemented.
Fire Control				
The Contractor takes adequate precautions to ensure that the fire hazard on and near the site is reduced to a minimum and no fires have occurred/ been lit onsite.	**Yes**	**No**	**N/A**	Correctly implemented. No fires have occurred at either site.
Any fires which occur are reported to the ECO immediately.	**Yes**	**No**	**N/A**	No fires have occurred at either site.
Smoking is only permitted in designated smoking areas, which are demarcated, equipped with ash trays and fire-fighting equipment, and located away from fire hazards such as fuel storage, refuelling areas, or dense/grassy vegetation.	**Yes**	**No**	**N/A**	Correctly implemented at the site camp at T4/5. The security guard at HAV1 Repl. has a valid fire extinguisher onsite and is smoking inside the hut.
A Fire Officer (may be the ESO) is appointed by the Contractor to ensure immediate and appropriate actions in the event of a fire and to make employees aware of the fire procedure.	**Yes**	**No**	**N/A**	Correctly implemented.
The relevant authority is notified immediately when a fire starts, without waiting until it can no longer be controlled.	**Yes**	**No**	**N/A**	No fires have occurred at either site.
The Contractor has ensured that there is always suitable and sufficient firefighting equipment available onsite.	**Yes**	**No**	**N/A**	Correctly implemented at both sites.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)

(a)



(b)



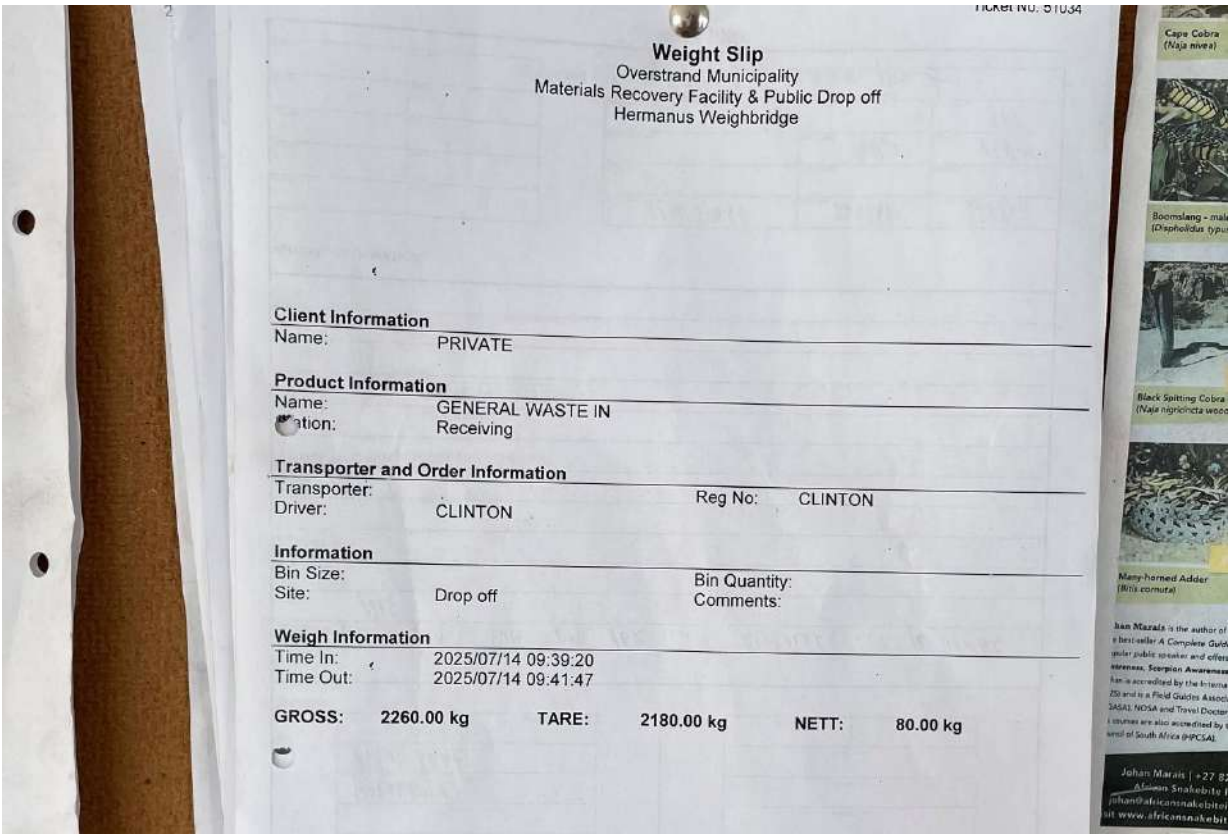
18-07-2025, 11:00 – Valid fire extinguishers are available at both T4/5 (a) and HAV1 Repl. (b).

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
The Contractor has submitted an EMS to the ECO covering the procedure to be followed in the event of a fire.	Yes	No	N/A	Correctly implemented.
Necessary materials and equipment for dealing with oil, fuel, and hazardous substance spills (spill kits) and leaks are always onsite and up to date as a pre-emptive fire protection method.	Yes	No	N/A	Correctly implemented. There is a spill kit in the container at the site camp at T4/5.
The storage of hazardous/flammable materials and substances complies with national, provincial, and local regulatory requirements.	Yes	No	N/A	Correctly implemented.
Hot works				
Any welding and/or hot work has been undertaken with the necessary safety equipment, i.e., welding screens with functional/serviced fire extinguishers onsite.	Yes	No	N/A	No hot works have been required at this stage.
Designated staff have undergone fire-safety training and are certified to operate fire extinguishers and put out fires safely and quickly.	Yes	No	N/A	Correctly implemented.
Solid Waste Management, Litter and Refuse				
The site is kept neat and clean, and littering is prohibited.	Yes	No	N/A	Correctly implemented at T4/5. The security guard at HAV1 Repl. is smoking inside the hut, but cigarette buds were not being placed into the provided bin. This has since been rectified.



18-07-2025, 11:00 – Cigarette buds found on the ground outside the security hut at HAV1 Repl. have been removed.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Burying or dumping of waste materials, vegetation, litter, or refuse onsite is prohibited.	Yes	No	N/A	No waste has been buried or dumped at either site.
Lockable and weatherproof bins with lids are provided in sufficient number and capacity to store daily solid waste. Lids are kept firmly on the bins, and they are emptied regularly, at least once a week, to prevent overflow.	Yes	No	N/A	Correctly implemented. The Contractor has obtained lockable bins for both sites. They have been labelled "R" for recyclable waste and "G" for general waste. The bins at T4/5 are inside the site container and a bin has been provided for the security guard at HAV1 Repl. which is latched to prevent animals accessing it.
Waste from bins may be temporarily stored onsite in a central waste area that is weatherproof and scavenger proof (lockable), and which the ECO has approved.	Yes	No	N/A	No general waste is stored onsite. Waste bins are emptied when full.
Refuse is recycled wherever possible, with containers provided for glass, paper, metals, and plastics, and contents delivered to suitable recycling facilities when necessary.	Yes	No	N/A	Correctly implemented.
All construction waste or spoil material is recycled wherever possible, either onsite or taken back to the Contractor's workshop for disposal, with disposal slips provided.	Yes	No	N/A	Correctly implemented.
All litter and refuse are disposed of offsite at an approved landfill site. The Contractor provides the ECO with a certificate of disposal and retains a copy in the Site file.	Yes	No	N/A	Correctly implemented. Waste disposal slips from the Civils Contractor are pinned to the board in the site office at T4/5.



Weight Slip
Overstrand Municipality
Materials Recovery Facility & Public Drop off
Hermanus Weighbridge

Client Information
Name: PRIVATE

Product Information
Name: GENERAL WASTE IN
ation: Receiving

Transporter and Order Information
Transporter:
Driver: CLINTON
Reg No: CLINTON

Information
Bin Size:
Site: Drop off
Bin Quantity:
Comments:

Weigh Information
Time In: 2025/07/14 09:39:20
Time Out: 2025/07/14 09:41:47

GROSS: 2260.00 kg TARE: 2180.00 kg NETT: 80.00 kg

18-07-2025, 11:00 – Waste disposal slip received for general waste disposal on the 14-07-2025.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Contaminated Water Management				
Water containing pollutants such as cement, concrete, lime, chemicals, oils, and fuels is discharged into a conservancy tank for removal to a licensed disposal facility. A certificate of disposal is retained in the Site file. This applies to water from concrete batching plants and runoff from fuel storage, refuelling, or equipment washing areas.	**Yes**	**No**	**N/A**	Correctly implemented. No disposal of such has been completed yet.
No paint products, chemical additives, or cleaners (e.g., thinners and turpentine) or their wash water are disposed of onsite.	**Yes**	**No**	**N/A**	There are no paint products onsite.
The Contractor notifies the ECO immediately of any pollution incidents onsite and takes all reasonable measures to contain and minimize the effects of the pollution.	**Yes**	**No**	**N/A**	No pollution incidents have occurred.
Lights				
The Contractor ensures that onsite lighting does not cause avoidable disturbances to surrounding users and does not attract unwanted insects or animals. All installed lighting is energy-efficient where practical and is turned off when not in use.	**Yes**	**No**	**N/A**	No work will be occurring at night at either site.
Noise				
The Contractor limits noise levels (for example, by installing and maintaining silencers on plant equipment or using hay bales to lessen the noise).	**Yes**	**No**	**N/A**	Not required at this stage. Will be implemented if required.
Employees are provided with adequate PPE with respect to ear protection.	**Yes**	**No**	**N/A**	As above.
No amplified music or sound equipment is allowed onsite. Audio equipment may only be used at low volumes to remain unobtrusive. Sound amplification is permitted only in emergency situations	**Yes**	**No**	**N/A**	No music or sound equipment present onsite at either site.
Dust Management				
The Contractor takes all reasonable measures to minimise the generation of dust.	**Yes**	**No**	**N/A**	Not required at this stage due to wet weather conditions.
Stockpiles are kept in sheltered areas and managed in the following manner: Stockpile slopes are minimized to a natural angle of repose; stockpile sizes have been limited to a maximum height of 2 meters and stockpiles not in active use have been covered with shade cloth or geofabric.	**Yes**	**No**	**N/A**	Correctly implemented at T4/5. Subsoil stockpiles have not been covered with shade cloth, but this is not an issue due to the current wet conditions, as well as being largely clay based and unlikely to blow away. Soil stockpiles are in the process of being returned as backfill material, on top of bedding material. Topsoil stockpiles are required to be covered with shade cloth. See section “Topsoil Management” below. Not currently required at HAV1. Repl.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Dust suppression (wetting or other best practicable environmental option) is used in and around the Construction area, along haul roads, at stockpiles, and any additional area indicated by the EO/ECO.	Yes	No	N/A	Not required at this stage due to wet weather conditions.
Dowsing, with non-potable water (not including treated effluent or seawater, which may not be used for any activities), is implemented to reduce and control dust fallout.	Yes	No	N/A	As above.
Construction Personnel Information Posters				
Environmental information posters ("dos and don'ts") have been erected at eating areas and other common areas. Posters are maintained in good condition and replaced if damaged or illegible.	Yes	No	N/A	Correctly implemented. Environmental ("dos and don'ts") posters and emergency numbers have been displayed at the site camp at T4/5. The ECO has a small white board pinned up in the site office which is updated weekly with items to be addressed by the Contractor. This is to aid in communication between the ECO and the Contractor's team.
Emergency Procedures				
EMS procedures are in place for emergencies and are being followed.	Yes	No	N/A	No emergencies have occurred.
In the event of an emergency, the Overstrand Municipality's Emergency Call Centre has been contacted using the appropriate numbers. Emergency contact numbers, including the local firefighting service, are posted in the Contractor's office and near the onsite telephone, and are retained in the Site file	Yes	No	N/A	As above.
General Protections in Terms of the National Heritage Resources Act (25 of 1999)				
If any heritage resource is encountered, work is stopped immediately, and the Engineer and ECO are notified. In this case, the Engineer/ECO contacts the relevant Heritage Authority, and work proceeds only upon their approval.	Yes	No	N/A	No heritage resources have been discovered.
A copy of the Record of Decision issued by Heritage Authorities is kept onsite, and The Contractor complies with the heritage management specifics outlined in the EMPr.	Yes	No	N/A	As above.
Protection of Natural Features				
The Contractor does not deface, paint, damage or mark any natural features situated in or around the site for survey or other purposes, unless agreed beforehand with the Engineer, ECO and Landowner.	Yes	No	N/A	Correctly implemented.
Any features affected by the Contractor in shall be restored/rehabilitated to the satisfaction of the ECO and Landowner.	Yes	No	N/A	No features have been affected.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Protection of Flora and Fauna				
Vegetation and flora are not removed, damaged, or disturbed except as necessary for the works, as specified by the ECO.	**Yes**	**No**	**N/A**	Correctly implemented. Note: Beginning March 2025, during the overhead cable installation at T4/5, all vegetation beneath the cable was brush-cut and improperly treated. The area will be monitored until the alien vegetation can be correctly identified and treated with an appropriate herbicide for proper removal.
A Specialist has identified natural vegetation or rare/endangered flora to be preserved. The Contractor has demarcated these areas as "no-go areas" to protect the flora. Necessary measures have been taken to ensure the protection of identified flora.	**Yes**	**No**	**N/A**	Search and Rescue was completed by a Specialist for the pipeline route at T4/5 on 25-02-2025 and 08-05-2025. Not required at HAV1 Repl.
Equipment has not been driven across natural vegetation, where possible. Areas of needless vegetation destruction have been reinstated to the standard specified by the ECO.	**Yes**	**No**	**N/A**	Correctly implemented.
Trapping, poisoning, shooting, or hunting of animals, including collecting carcasses, is strictly prohibited. No domestic pets or livestock are permitted onsite, and Site staff are prohibited from keeping pets. Measures are in place to keep domestic and native animals from surrounding Landowners safe from unprotected Works.	**Yes**	**No**	**N/A**	No hunting has occurred.
Clearing of Vegetation				
Vegetation clearance is strictly limited to what is required for construction activities. A qualified Botanical Specialist has been appointed to identify and oversee the removal, rescue, and relocation of Species of Conservation Concern (SOCC).	**Yes**	**No**	**N/A**	Search and Rescue has been completed by a Specialist for the pipeline route at T4/5. See above. Not required at HAV1 Repl.
Vegetation clearance has been approved by the Botanical Specialist, in line with the approved EMPr. vegetation clearance is restricted to the exploration camp, approved access routes, and areas where vegetation interferes with construction activities. No undue or unnecessary vegetation removal has occurred.	**Yes**	**No**	**N/A**	Correctly implemented.
Approved vegetation clearance is undertaken by hand using handheld implements, cutting vegetation at ground level without uprooting. Root structures are not removed or tampered with, and roots are left intact and in situ as far as reasonably possible.	**Yes**	**No**	**N/A**	Correctly implemented by a Specialist for the pipeline route at T4/5. Remaining vegetation is to be included in the topsoil stockpiles as per the request of the Specialist. Not required at HAV1 Repl.
No tracked or wheeled mechanised equipment is used for vegetation clearance.	**Yes**	**No**	**N/A**	As above.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Vegetation clearance is conducted in phases to reduce erosion and water pollution. Clearing operations are scheduled to minimise the exposure time of cleared areas before construction starts. Cleared areas are stabilised as soon as possible where necessary.	Yes	No	N/A	As above.
Site clearance activities cease immediately upon encountering fauna. Fauna is safely relocated before activities resume.	Yes	No	N/A	As above.
Vegetation is disposed of at an approved disposal site. Burying or burning of vegetation is strictly prohibited. Cut vegetation is to be disposed of at a licensed landfill facility with slips provided to the ECO.	Yes	No	N/A	No further vegetation disposal has occurred.
Riparian and Instream Habitat				
No construction activities occur within riparian or wetland habitats.	Yes	No	N/A	Correctly implemented.
Topsoil Management				
Topsoil (up to 300 mm deep, or to bedrock if shallower) and root material from cleared vegetation are stripped for rehabilitation and revegetation. Stripping is done according to the specified depth.	Yes	No	N/A	Correctly implemented. Topsoil has been cleared along the entire length of the pipeline to avoid compaction from excavators and timeline delays. Note: All line items under this section are applicable to T4/5 only and not HAV1 Repl., as no topsoil will be cleared at HAV1 Repl.
Topsoil is stripped from all areas subject to compaction, as per environmental specifications and ECO direction. Topsoil from different areas is stockpiled separately and returned to its original location, as well as stored separately from subsoil.	Yes	No	N/A	All required topsoil along the pipeline route has been cleared.
Topsoil is covered with shade cloth or geofabric to prevent desiccation.	Yes	No	N/A	All topsoil piles have been correctly covered with shade cloth to prevent desiccation.
Stockpiles are placed on previously disturbed areas or areas with minimal environmental impact. Stockpiles do not exceed 2 m in height and maintain a natural angle of repose.	Yes	No	N/A	Subsoil stockpiles have been placed outside of the demarcated area on top of vegetation. The Contractor was requested to seek advice from the Rehabilitation Specialist on how to remove the soil without damaging the underlying vegetation. This is outstanding since the 05-06-2025. The Contractor has been instructed by the Rehabilitation Specialist to remove the subsoil by hand to prevent damage to vegetation and topsoil. It was noted during the inspection that one small section of subsoil had been replaced by the Contractor about 100 m from the borehole.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
 **18-07-2025, 11:00 – The subsoil which was placed outside the demarcated area has been removed.**				
Erosion control measures (e.g., bund walls) are in place to prevent stockpile erosion and compaction. Stockpiles do not obstruct water flow or cause water damming.	**Yes**	**No**	**N/A**	All topsoil stockpiles have been correctly covered with shade cloth. Subsoil and bedding stockpiles have not been covered with shade cloth but this is not an issue due to the current wet conditions, as well as being largely clay based and unlikely to blow away.
Topsoil and subsoil are stockpiled separately and reinstated in reverse order. Topsoil is only handled during removal and reinstatement. Replaced soil is compacted and levelled with adjacent areas, especially near watercourses.	**Yes**	**No**	**N/A**	Correctly implemented. Topsoil will be reinstated by the Rehabilitation Contractor once the pipeline has been completed.
Erosion and Sedimentation Control				
Any erosion or sedimentation on or off-site has been identified and reported. Rectification measures, as specified by the ECO, have been implemented.	**Yes**	**No**	**N/A**	Erosion is occurring along the access road to both HAV1 Repl. and T4/5 and will be addressed if and when necessary. See section “Access Routes/Haul Roads” above.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Any tunnels or erosion channels have been backfilled, compacted, and restored.	Yes	No	N/A	The existing trench, adjacent to which the pipeline will be laid, is already existing on the property and will be reinstated to its state prior to works following the installation of the pipeline at T4/5.
Cleared areas have been stabilised to prevent erosion, as per ECO's guidance.	Yes	No	N/A	Not required at this stage.
Earthworks Management				
Excavated trenches are demarcated and fenced off as "no-go" areas when no Construction activity is underway. Trenches and excavations are backfilled as soon as possible, ideally during pipeline/cabling laydown.	Yes	No	N/A	Partial Compliance at T4/5: Some sections of the barrier tape have come loose along the pipeline route. The Contractor was requested to reinstate these. See photographs in section "Site Division, Demarcation and "No-Go" Areas" above. Note: All line items under this section are applicable to T4/5 only and not HAV1 Repl., as no further earthworks are required at HAV1 Repl.
Open trenches are inspected daily for trapped animals, and any found are safely relocated. Excavation in watercourses/wetlands occurs only in the dry season and is avoided during predicted heavy rains.	Yes	No	N/A	Correctly implemented. All trenches are inspected daily for fauna which may be trapped, and none have been found to date. Note: the existing trench, adjacent to which the pipeline will be laid, is already existing on the property and will be reinstated to its state prior to works following the installation of the pipeline at T4/5.
Soils are appropriately compacted according to the natural soil characteristics of the area to preserve future surface and subsurface drainage through the previously trenched areas.	Yes	No	N/A	Correctly implemented. Trenches are backfilled with original subsoil and local bedding material.
Stockpiles are kept free of weeds throughout construction. Stockpiles are not placed within the 1:20 flood line, within 50 m of wetlands/watercourses, or outside designated areas in construction diagrams.	Yes	No	N/A	Subsoil stockpiles have been placed outside of the demarcated area at T4/5. See section "Topsoil Management" above.
Only backfill material from an approved, alien-free source is used. Backfill is free of foreign matter such as litter, waste, vegetation, and seed stock.	Yes	No	N/A	Trenches are backfilled with original subsoil material and clean bedding has been sourced from a local company.
Changes in natural gradients due to Construction activities are avoided where possible or mitigated by levelling the slope to the original gradient during rehabilitation.	Yes	No	N/A	The existing trench, adjacent to which the pipeline will be laid, is already existing on the property and will be reinstated to its original state prior to works following the installation of the pipeline at T4/5.
Trenching				
Trenching for services shall be undertaken in accordance with the engineering specifications with the following environmental amplifications.	Yes	No	N/A	Correctly implemented.
A buffer zone must be implemented for each wetland/watercourse and construction within the buffer zone must be restricted to the trench line and working side of the trench.	Yes	No	N/A	Trenching will not occur adjacent or next to a wetland and/or watercourse.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Soil shall be excavated and used for refilling trenches i.e., soil from the first trench shall be excavated and stockpiled, thereafter soil from the second excavated trench length shall be used to backfill the trench behind it once the services have been laid. The last trench shall be filled using the soil stockpiled from the first trench.	Yes	No	N/A	The majority of the trench at T4/5 has been backfilled with only ~100 m open on the borehole-side of the trench line. The Contractor is hoping to complete the trenching and backfilling by 24-07-2025.
Trench lengths shall be kept as short as practically possible before backfilling and compacting.	Yes	No	N/A	See above.
Trenches shall be re-filled to the same level as (or slightly higher to allow for settlement) the surrounding land surface to minimise erosion.	Yes	No	N/A	The existing trench, adjacent to which the pipeline will be laid, is already existing on the property and will be reinstated to its original state prior to works following the installation of the pipeline at T4/5.
Protection of Watercourses, Waterbodies and Wetlands				
The Contractor ensures that all watercourses and waterbodies are protected from contamination or degradation as a result of their activities, including protection from direct or indirect spills of pollutants.	Yes	No	N/A	No watercourses and/or waterbodies have been contaminated or degraded. It is expected that stormwater (or rainwater runoff) will be heavily silted after flowing through the construction area, however, a Freshwater Specialist is monitoring downslope ecosystems for potential impacts.
In the event of a spill, prompt action (as planned and approved in the Emergency Plan Method Statement) is taken to clear the polluted or affected areas, and the Engineer and ECO has been notified immediately.	Yes	No	N/A	Correctly implemented.
No activities occur within wetland areas unless necessary, with approval from the Engineer and ECO.	Yes	No	N/A	Correctly implemented.
Stormwater, Runoff Management and General Water Management				
No stormwater containing waste, or water containing waste emanating from Construction activities is discharged into a watercourse or waterbody.	Yes	No	N/A	Correctly implemented. One section of trench at T4/5 has rainwater in it. The Contractor's trench ends at a low point in the landscape with a culvert beneath the access road to allow stormwater to drain downslope. The Contractor's trench is overflowing through the existing culvert into the downslope vegetation. Stormwater management is not required within the site area at HAV1 Repl, however, erosion is still looked out for.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)

(a)



(b)



18-07-2025, 11:00 – The water entering the trench is currently flowing across the footpath and into the trench (a). From there, it is allowed to flow to a low point where it will flow out of the farmers culvert and into downstream vegetation (b).

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Uncontaminated water is removed from the site by allowing it to seep back into the soil around the site.	Yes	No	N/A	As above.
Suitable control of runoff is ensured during the Construction phase to prevent erosion of topsoil on stockpiles and adjacent land and undeveloped portions of the site. Erosion is monitored, and mitigation measures are implemented including, but not limited to, utilisation of sandbags and berms to prevent water from engrossing on sensitive ecosystems and to focus drainage into soft sands around the site.	Yes	No	N/A	Correctly implemented. There is currently one section of runoff which is flowing next to the footpath and into the trench. The flow of water was impeding construction and was diverted across the trench into the downslope vegetation, see above. There has been no erosion observed thus far (with the exception of the access roads). Construction runoff is being allowed to flow through the trench into a low point in the landscape with a culvert beneath the access road to drain downslope. See photographs above.
Clean water and dirty water systems are managed independently and be kept separately.	Yes	No	N/A	Not required at this stage as there are no construction materials present in the water from the trench. Sediments coming from the trench stormwater are considered clean insitu material (soluble soils and clays in solution). Thus the water is considered to be clean.
Erosion and stormwater management measures, such as berms, silt fences, and/or hessian curtains, have been implemented to prevent sedimentation of freshwater features and divert stormwater away from erosion-prone areas. Erosion control measures are being monitored regularly throughout the construction phase to ensure effectiveness.	Yes	No	N/A	The Contractor has been requested to put erosion and stormwater management measures in place as the wet season has started, and erosion is being monitored. See above.
Stormwater is directed towards stabilised areas to dissipate the energy of water flow. No ponding of stormwater is occurring on the site. Stormwater is confined to a dedicated stormwater channel on the Site. Stormwater from bunded areas is collected in a suitable container for proper disposal off-site.	Yes	No	N/A	Stormwater is being directed through an existing culvert and into dense vegetation. In addition, a small section of the trench has been stabilised with sandbags. There are currently no bunded areas onsite.
Increased runoff from vegetation clearance and/or soil compaction is being managed to prevent erosion and silt entry into streams.	Yes	No	N/A	The increased runoff from the heavy rains is directed through dense vegetation which will reduce silt loads into the downslope stream. However, a Freshwater Specialist is monitoring downslope ecosystems for potential impacts.
Temporary Site Closure				
In the event of temporary site closure (for a period exceeding one week), the Contractor's ESO shall carry out checks and report on compliance to the ECO.	Yes	No	N/A	Neither site is currently temporarily closed.
Fire extinguishers are serviced and accessible.	Yes	No	N/A	As above.
There is adequate ventilation in enclosed spaces.	Yes	No	N/A	As above.
All hazardous substance stores are securely locked.	Yes	No	N/A	As above.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Fencing and barriers are in place.	**Yes**	**No**	**N/A**	As above.
Emergency and management contact details are prominently displayed and available.	**Yes**	**No**	**N/A**	As above.
Wind and dust mitigation measures e.g., straw, brush packs, irrigation, etc. are in place.	**Yes**	**No**	**N/A**	As above.
Excavated and filled slopes and stockpiles are at a stable angle and capable of accommodating normal expected water flows.	**Yes**	**No**	**N/A**	As above.
There are sufficient detention ponds or channels in place.	**Yes**	**No**	**N/A**	As above.
Cement and materials stores are secured.	**Yes**	**No**	**N/A**	As above.
Toilets are empty, secured, and lockable.	**Yes**	**No**	**N/A**	As above.
Central waste area and all refuse bins are empty and secured.	**Yes**	**No**	**N/A**	As above.
Contaminated water conservancy tank empty.	**Yes**	**No**	**N/A**	As above.
Any bunded areas are clean and treated with an approved product where applicable (e.g., Spill Sorb or Enretech #1 Powder or equivalent).	**Yes**	**No**	**N/A**	As above.
Drip trays are empty and secure.	**Yes**	**No**	**N/A**	As above.
Excavations should not be left open during temporary closures. If an excavation must remain open during temporary closure, then someone must check the excavation on a regular basis for the presence of animals and for the need to de-water (especially after rainfall).	**Yes**	**No**	**N/A**	As above.
Demolition and Removal of Structures				
The Contractor demolishes and removes from site everything not forming part of the Permanent Works, prior to landscaping and rehabilitation.	**Yes**	**No**	**N/A**	Work is ongoing. Not required at this stage.
All material generated from the demolition and removal of structures from site are appropriately disposed of if not reused. All incidental excavations are refilled and adequately compacted and rehabilitated.	**Yes**	**No**	**N/A**	As above.

The responsible personnel shall identify the root cause of Non-Compliance found and adopt the appropriate Corrective and Preventive Actions for mitigation measures. Confirmation of the effectiveness of the Corrective and Preventive Actions shall be verified by the ECO and approved by the Overstrand Municipality within an agreed time.



(Environmental Control Officer: Melissa Weeks)

Date: 18-07-2025

ENVIRONMENTAL SITE INSPECTION

Revision 1

Project and Site Information			
Date	25-07-2025	**Site Location**	HAV1 Repl.: -34.398490°; 19.209445° T4/5: -34.375420°; 19.246203°
Time	11:00	**Site Owner**	HAV1 Repl.: Overstrand Municipality T4/5: Bouchard Finlayson Winery
Project Title	972 – Hemel en Aarde Expansion	**Inspected By**	ECO Melissa Weeks
Contract	SC2504_2024 Civil, Mechanical & Electrical	**Stage / Status during Inspection**	HAV1 Repl.: The borehole has been connected to the mains water line. Alien vegetation clearing has been undertaken to make space for the installation of a perimeter fence. T4/5: Test pumping is on hold as the Contractor is awaiting a pump connection which is on special order. The pipeline is installed; final connections and backfilling is underway. Note: The site camp at T4/5 will serve for both it and HAV1 Repl.
Corresponding Method Statement	Environmental Method Statement: Supply and Install Mechanical, Electrical and Civil Borehole Hermanus	**Environmental Method Statement Date**	17-02-2025

Summary of Non-Compliance Issues				
Site / Area	**Aspect**	**Date Identified**	**Date Corrected**	**Action Taken**
T4/5	The drip tray beneath the excavator onsite is broken and needs to be replaced.	14-03-2025	03-04-2025	The Contractor was requested to obtain a new drip tray.
	The excavator arm is leaking oil, which is currently dripping onto the excavator itself rather than the ground. However, the ground beneath is not protected by a drip tray, creating a risk of contamination if the oil starts to drip further.	14-03-2025	03-04-2025	Although no oil has spilled onto the ground yet, the Contractor was instructed to place a drip tray beneath the arm as a precaution and to either repair the leak or remove the excavator from the site. On the 20-03-2025 it was noted by the ECO that a drip tray has been placed below the dripping arm of the excavator. On the 27-03-2025 it was noted that a cloth was used to temporarily stop the dripping of oil from the excavator.

Summary of Non-Compliance Issues				
Site / Area	**Aspect**	**Date Identified**	**Date Corrected**	**Action Taken**
HAV1 Repl. & T4/5	There are no bins onsite.	14-03-2025	25-04-2025	The Contractor was requested to obtain bins for general, hazardous and recycling waste.
T4/5	There are no environmental ("dos and don'ts") posters/signs on display at the site camp.	14-03-2025	27-03-2025	The Contractor was requested to display an environmental awareness poster.
HAV1 Repl.	There is no smoking area defined onsite.	20-03-2025	27-03-2025	The Contractor was requested to set up a smoking area with a nearby fire extinguisher.
	Partial Compliance. There is no defined eating area for staff onsite.	20-03-2025	10-04-2025	The Contractor was requested to define an eating area onsite.
	Partial Compliance. The toilet is latched from the outside to prevent animals from entering but is not secured to prevent toppling.	20-03-2025	03-04-2025	The Contractor was requested to secure the toilet to the ground.
	There were no fire extinguishers onsite.	20-03-2025	27-03-2025	The Contractor was requested to take a fire extinguisher from the site camp to HAV1 Repl. every time they are working onsite.
HAV1 Repl. & T4/5	The working area at HAV1 Repl. has been demarcated with danger tape, but T4/5 has not been.	27-03-2025	03-04-2025	The Contractor was requested to demarcate the working area using temporary fencing.
	Disposal of both general waste and brush-cut alien vegetation has been completed. The Contractor reported that no disposal slips were issued by the municipal facilities.	03-04-2024	08-04-2025	The ECO visited the municipal facility to enquire about proof of disposal for the alien vegetation. Staff explained that they do not typically provide official stamps or signatures. However, a logbook of incoming vehicle registration plates is maintained. The ECO has requested that, if permitted, the Contractor take a photo of the logbook showing their vehicle's entry. The general waste facility does issue disposal slips when vehicles go over the weighbridge. If not, staff are usually willing to sign a slip provided by the Contractor. On 08-04-2025 the Contractor confirmed that they had attempted to obtain a disposal slip for the waste that had already been offloaded. However, the facility would not issue a slip retrospectively. Going forward, the Contractor has been instructed to use the weighbridge to ensure proper disposal documentation is provided.
HAV1 Repl.	An oily fuel drum has been used for staff to store their lunch bags. It is unclear whether the oil was present beneath the bags during the inspection on 10-04-2025.	17-04-2025	24-04-2025	The Contractor was requested to immediately remove the oily drum from site and place it in the container at site camp.

Summary of Non-Compliance Issues				
Site / Area	**Aspect**	**Date Identified**	**Date Corrected**	**Action Taken**
	Partial Compliance. Two small cement spills have been observed at HAV1 Repl.	17-04-2025	22-04-2025	The Contractor was requested to pick these up and place them with the excess rubble that is stored on a plastic sheet adjacent to the pumphouse for disposal.
	A small amount of litter was seen around the site area.	29-04-2025	29-04-2025	The Contractor immediately cleaned up the litter.
Site Camp	Partial Compliance. The Contractor does not have a copy of the MSDS for Bricure (cement sealant) onsite.	08-05-2025	29-05-2025	The Contractor was requested to obtain a copy of this MSDS for the site file. The ECO tried finding this online but was unsuccessful.
HAV1 Repl.	Partial Compliance. A section of the barrier fence around the site has blown over.	19-05-2025	05-06-2025	The Contractor was requested to reinstate the barrier fence. Note: on the 29-05-2025 a section of the barrier fence has been removed. The Contractor was requested to reinstate the barrier fence.
	Partial Compliance. The toilet onsite is secured to the ground but not latched.	19-05-2025	29-05-2025	The Contractor was requested to ensure that the toilets onsite are always latched closed to prevent animals from entering.
T4/5	The Contractor has separated the topsoil from the subsoil but has not demarcated the topsoil.	19-05-2025	29-05-2025	The Contractor was requested to cover topsoil with netting to ensure it is kept separate from subsoil and not mistakenly used as such.
	Partial Compliance. Topsoil has not yet been cleared along the pipeline route in some areas where the excavators are operating. If not removed promptly, it is at risk of becoming compacted.	19-05-2025	29-05-2025	The Contractor was instructed to remove the topsoil along the excavator route before excavation work continues.
	Topsoil stockpiles have not been covered with netting.	19-05-2025	30-06-2025	The ECO requested netting be placed over topsoil stockpiles for demarcation and to prevent erosion. 05-06-2025: Majority of the topsoil stockpiles have been covered with shade cloth, but not all.
	Some sections of the barrier tape have been buried by subsoil stockpiles which have been placed outside of the demarcated area.	29-05-2025	13-06-2025	The Contractor was requested to reinstate the danger tape.
	One generator onsite was correctly placed inside a drip tray, while the other was not. Additionally, the crane truck did not have any drip trays beneath it.	29-05-2025	05-06-2025	The Contractor was instructed to ensure that all generators are placed inside drip trays and not directly on the ground, and that all vehicles have appropriate drip trays positioned underneath them.

Summary of Non-Compliance Issues				
Site / Area	**Aspect**	**Date Identified**	**Date Corrected**	**Action Taken**
	Subsoil stockpiles have been placed outside of the demarcated area on top of vegetation.	05-06-2025	Pending	The Contractor was requested to seek advice from the Rehabilitation Specialist on how to remove the soil without damaging the underlying vegetation. Note: The Contractor has been instructed by the Rehabilitation Specialist to remove the subsoil by hand to prevent damage to vegetation and topsoil.
	The majority of the trench remains open due to time constraints and the approaching rainy season, which has made it difficult for the Contractor to complete trenching and backfilling in smaller sections as outlined in the EMS.	05-06-2025	03-07-2025	The Contractor is making a consistent effort to comply with all other EMS conditions and continue work responsibly under the circumstances.
	The large excavator onsite is leaking oil from underneath onto a plastic sheet. This is a new leak and unrelated to the leak identified on 14-03-2025. No evidence of spills beneath the sheet are evident.	13-06-2025	03-07-2025	The Contractor was requested to repair the excavator or remove it from site. 19-06-2025: A small amount of oil dripped outside of the plastic area onto the ground despite the excavator being repaired. The small spill was immediately picked up. The Contractor was requested to repair the excavator again. 26-06-2025: A small oil spill occurred beneath the excavator due to leftover oil from recent repairs and the absence of a drip tray. The Contractor was instructed to clean the machine and carry out further repairs to identify and stop the leak.
	Partial Compliance. A small amount of cement spilled outside the shuttering.	13-06-2025	19-05-2025	The Contractor was requested to wait for the cement to dry and then pick it up and dispose of it as rubble.
Site Camp	The Electrical Contractor was to be inducted by the primary Contractor ahead of the installation of the electrical boxes. When the Contractor was asked to provide the ECO with an induction register, none could be provided.	03-07-2025	11-07-2025	The Contractor was requested to induct the Electrical Contractor and provide the ECO with a copy of the attendance register.
T4/5	Partial Compliance. The plastic beneath the small excavator had blown out from beneath the machine. The large excavator had drip trays beneath it, however, they were full of rainwater.	03-07-2025	11-07-2025	The Contractor was not onsite at the time of the inspection but was requested to rectify.

Summary of Non-Compliance Issues				
Site / Area	**Aspect**	**Date Identified**	**Date Corrected**	**Action Taken**
HAV1 Repl.	Partial Compliance. The security guard is smoking inside the hut, however, the cigarette buds are not being placed into the provided bin but rather on the ground outside the hut.	11-07-2025	18-07-2025	The security guard was requested to pick up the buds and place them in the bin.
T4/5	The large excavator onsite is leaking oil into a drip tray.	18-07-2025	Pending	The Contractor was requested to fix the excavator or remove it from site.
	Some sections of barrier fencing are broken along the trench working area.	18-07-2025	Pending	The Contractor was requested to reinstate the fencing.
	The TLB onsite was observed driving inside of the “no-go” area to dump material for backfilling. Fortunately, the ECO observed this on the first load of material and the vegetation was left slightly trampled but not damaged.	25-07-2025	Pending	The TLB driver was instructed to only drive within the working area.
	Partial compliance. Some topsoil stockpiles are no longer sufficiently covered with netting.	25-07-2025	Pending	The Contractor was requested to re-cover the topsoil stockpiles.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
General				
Is the overall appearance of the site visually acceptable and tidy?	**Yes**	**No**	**N/A**	Correctly implemented at HAV1 Repl. and T4/5.

(a)



Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)

(b)



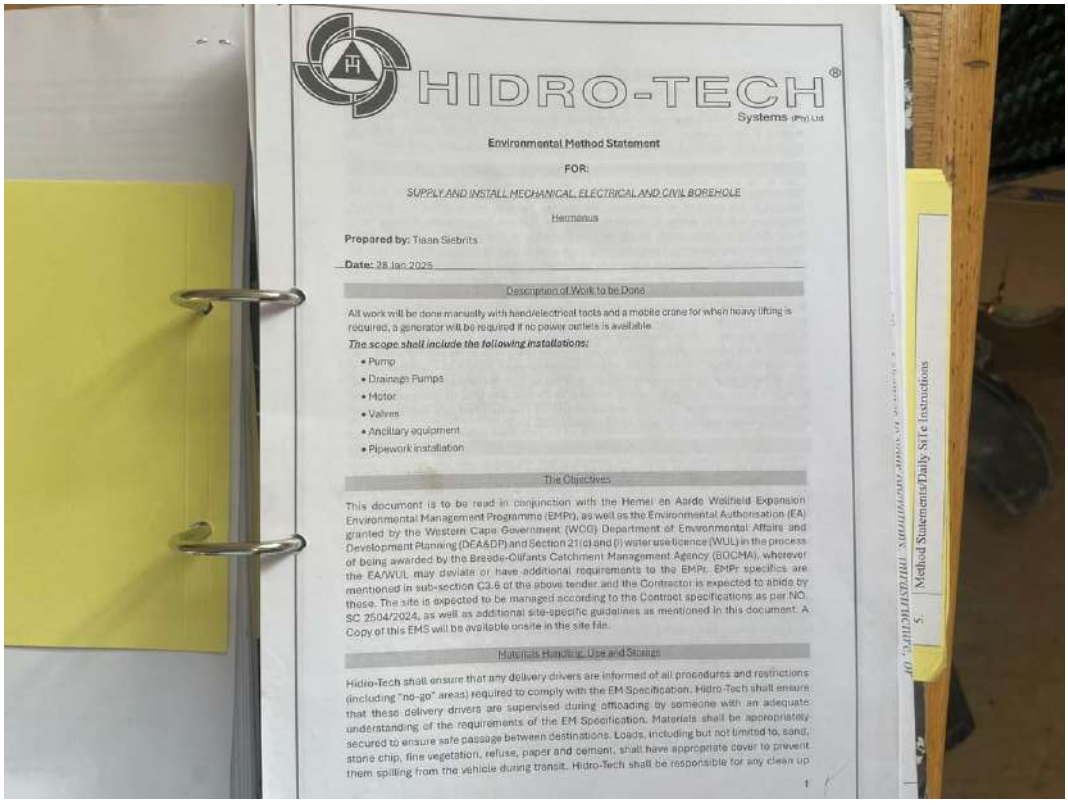
(c)



25-07-2025, 11:00 – The mains waterline at HAV1 has been connected (a). The final connections to the pump house are underway (b). The whole pipeline has been laid at T4/5 and backfilling is almost complete (c).

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
A copy of the EMS will always be available onsite in the site file.	Yes	No	N/A	A copy of the EMS, the BAR and the EA are available in the site file.

(a)


HIDRO-TECH® Systems (Pty) Ltd

Environmental Method Statement

FOR:

SUPPLY AND INSTALL MECHANICAL, ELECTRICAL AND CIVIL BOREHOLE

Hermanus

Prepared by: Tiaan Siebrits

Date: 28 Jan 2025

Description of Work to be Done

All work will be done manually with hand/electrical tools and a mobile crane for when heavy lifting is required, a generator will be required if no power outlets is available.

The scope shall include the following installations:

- Pump
- Drainage Pumps
- Motor
- Valves
- Ancillary equipment
- Pipework installation

The Objectives

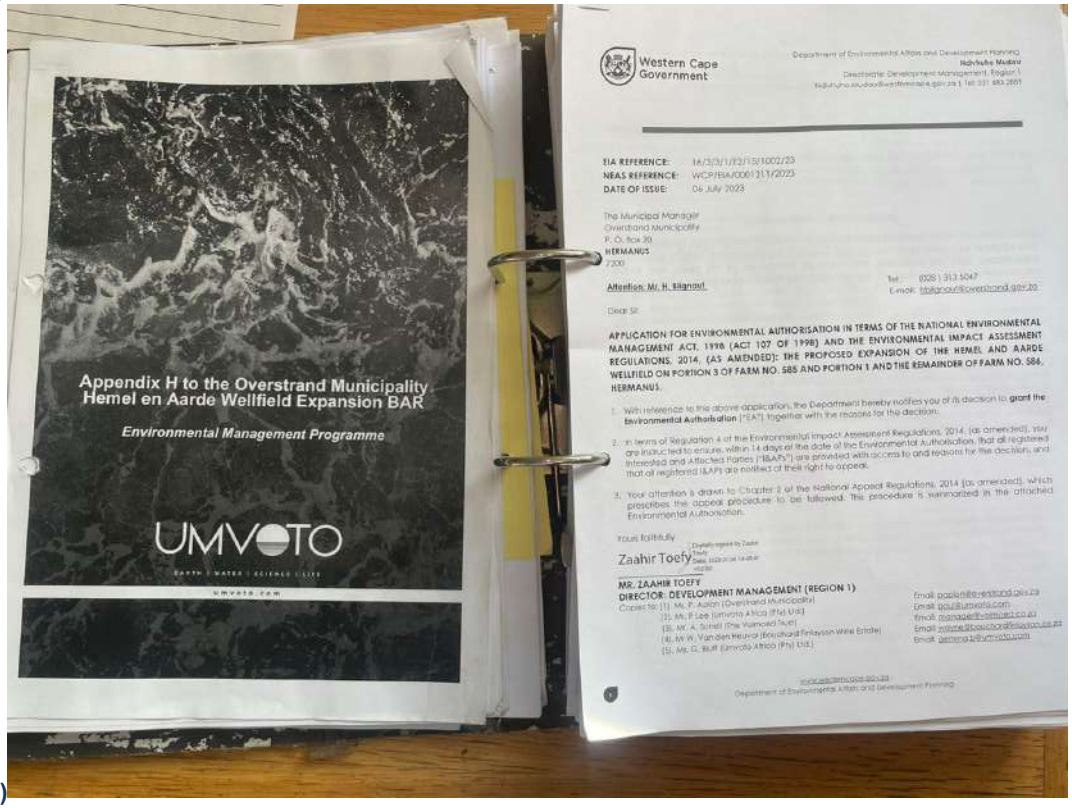
This document is to be read in conjunction with the Hemel en Aarde Wellfield Expansion Environmental Management Programme (EMPr), as well as the Environmental Authorisation (EA) granted by the Western Cape Government (WCG) Department of Environmental Affairs and Development Planning (DEA&DP) and Section 21(c) and (i) water use licence (WUL) in the process of being awarded by the Breede-Olifants Catchment Management Agency (BOCMA), wherever the EA/WUL may deviate or have additional requirements to the EMPr, EMPr specifics are mentioned in sub-section C3.6 of the above tender and the Contractor is expected to abide by these. The site is expected to be managed according to the Contract specifications as per NO. SC 2504/2024, as well as additional site-specific guidelines as mentioned in this document. A Copy of this EMS will be available onsite in the site file.

Materials Handling, Use and Storage

Hidro-Tech shall ensure that any delivery drivers are informed of all procedures and restrictions (including "no-go" areas) required to comply with the EM Specification. Hidro-Tech shall ensure that these delivery drivers are supervised during offloading by someone with an adequate understanding of the requirements of the EM Specification. Materials shall be appropriately secured to ensure safe passage between destinations. Loads, including but not limited to, sand, stone chip, fine vegetation, refuse, paper and cement, shall have appropriate cover to prevent them spilling from the vehicle during transit. Hidro-Tech shall be responsible for any clean up

5. Method Statements/Daily Site Instructions

(b)


Appendix H to the Overstrand Municipality
Hemel en Aarde Wellfield Expansion BAR

Environmental Management Programme

UMVOTO

Western Cape Government

EIA REFERENCE: 16/3/3/1/F2/15/1002/23
NEAS REFERENCE: WCP/EIA/0001311/2023
DATE OF ISSUE: 06 July 2023

The Municipal Manager
Overstrand Municipality
P. O. Box 20
HERMANUS
7200

Attention: Mr. H. Slingsby

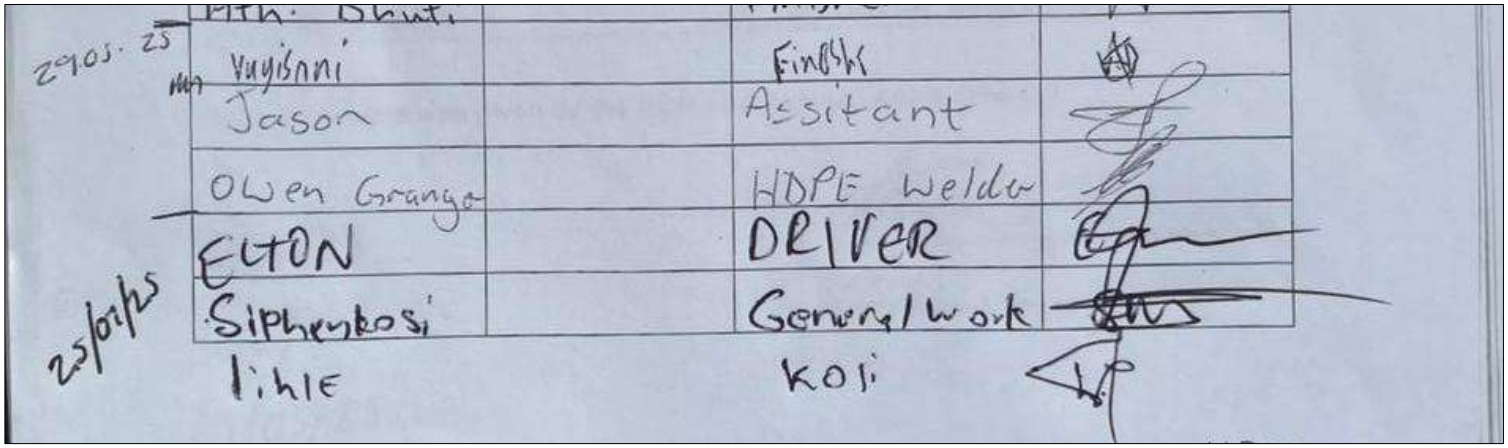
APPLICATION FOR ENVIRONMENTAL AUTHORISATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT, 1998 (ACT 107 OF 1998) AND THE ENVIRONMENTAL IMPACT ASSESSMENT REGULATIONS, 2014, (AS AMENDED): THE PROPOSED EXPANSION OF THE HEMEL AND AARDE WELLFIELD ON PORTION 3 OF FARM NO. 585 AND PORTION 1 AND THE REMAINDER OF FARM NO. 586, HERMANUS.

Yours faithfully

Zaahir Toefy

MR. ZAAHIR TOEFY
DIRECTOR: DEVELOPMENT MANAGEMENT (REGION 1)

25-07-2025, 11:00 – The EMS (a), the EMPr and the EA (b) are available in the site file.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Environmental Awareness Training				
The Contractor ensures that all employees, and those of their Sub-Contractor, attend an Environmental Awareness Training Course (EATC), conducted by the ECO. The training will cover key environmental features of the working area, its surroundings, and the environmental controls outlined in this specification.	**Yes**	**No**	**N/A**	An EATC was given to staff on the 24-02-2025 at the Contractor's offices. Further training has been given by the ECO to local labour and/or Subcontractors onsite on the 20-03-2025, 03-04-2025, 12-05-2025, 19-05-2025, 29-05-2025, 03-07-2025, 18-07-2025, and the 25-07-2025.
 **25-07-2025, 11:00 – Additional EATC new staff onsite on by the ECO.**				
The initial EATC shall be held within 28 days from the Commencement Date, and subsequent courses shall be arranged for new employees coming onto Site after the initial training course. Provision shall also be made for refresher courses to be undertaken on a quarterly basis during the Contract	**Yes**	**No**	**N/A**	Correctly implemented. See above.
The Contractor provides proof of attendance by all their employees in the form of a signed attendance register for each session. All environmental training registers are kept on file.	**Yes**	**No**	**N/A**	Correctly implemented.
Site Division, Demarcation and "No-Go" Areas				
The location, layout and establishment of the Contractors camp shall be approved by the ECO prior to the start of establishment.	**Yes**	**No**	**N/A**	Correctly implemented at both sites.
The Contractor restricts all their activities, materials, plant equipment and personnel to within the Site or any working areas specified or indicated on the drawings.	**Yes**	**No**	**N/A**	Correctly implemented at both sites.
Permanent and/or temporary fences have been erected and maintained in the locations specified in the Scope of Work or drawings, and, if specified, before the commencement of any construction activities.	**Yes**	**No**	**N/A**	Correctly implemented at HAV1 Repl. Partial Compliance at T4/5. Some sections of the barrier tape have come loose along the pipeline route. The Contractor was requested to reinstate these.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)

(a)



(b)



Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
 (c) 18-07-2025, 11:00 – Some sections of barrier tape along the pipeline route are no longer in place.				
Where environmentally sensitive areas are specified as “no-go” areas, no person, plant, equipment, or material shall enter these areas at any time, in accordance with the Contractor's authority.	Yes	No	N/A	The TLB onsite was observed driving inside of the “no-go” area to dump material for backfilling. Fortunately, the ECO observed this on the first load of material and the vegetation was left slightly trampled but not damaged. The TLB driver was instructed to only drive within the working area.
 25-07-2025, 11:00 – The TLB was observed outside of the working area.				

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Access Routes/Haul Roads				
The Contractor controls the movement of all vehicles and construction equipment, including those of suppliers and subcontractors, ensuring they remain on designated routes and are distributed to prevent undue traffic concentration. All vehicle and equipment movement complies with relevant laws. The movement of such vehicles and construction equipment is planned and operated to minimise disruption to regular users of the routes.	**Yes**	**No**	**N/A**	Correctly implemented.
As far as possible the Contractor uses existing access and haul routes.	**Yes**	**No**	**N/A**	Correctly implemented.
Any damage to existing access roads caused by construction activities has been repaired to the satisfaction of the Engineer using material similar to the original. The cost of repairs has been covered by the Contractor.	**Yes**	**No**	**N/A**	The road leading to HAV1 Repl. is slowly being damaged by erosion, which happens regularly in this area. The Contractor will repair the road should it be deemed necessary for access. Some erosion damage has been observed at T4/5. The Contractor will repair the road should it be deemed necessary for access. It was noted during the inspection that the road leading to T4/5 had been repaired.



(a)

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
 **(b) 25-07-2025, 11:00 – The road leading to T4/5 has been repaired.**				
No new access roads or tracks have been constructed without the Landowner's consent.	**Yes**	**No**	**N/A**	Correctly implemented. No new access roads have been required.
Where new routes are required to gain site access, prior approval from the Engineer and ECO have been obtained. New access routes disturb the smallest possible area, avoid all "no-go" areas, and follow natural contours where possible.	**Yes**	**No**	**N/A**	No new routes are required at this stage.
Vehicle trips have been kept to a minimum to reduce vegetation damage, and all equipment has remained on the demarcated access route.	**Yes**	**No**	**N/A**	The TLB was observed outside the working areas. See "Site Division, Demarcation and "No-Go" Areas" above.
All directional signage for vehicle and equipment movement required by the Contractor, their Subcontractors or Suppliers is of an approved design and located as approved by the Engineer.	**Yes**	**No**	**N/A**	No directional signage is currently required.
Eating Areas				
The Contractor has designated eating areas within the approved camp.	**Yes**	**No**	**N/A**	Correctly implemented at the site camp at T4/5. The eating area at HAV1 Repl. has been removed as the Contractor is not onsite. The security guard is eating inside the hut at HAV1 Repl.
The feeding of, or leaving of food for, animals is strictly prohibited.	**Yes**	**No**	**N/A**	No food is left out for animals.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Sufficient bins are provided in specified areas, and lockable bins are used where required to prevent animal access (especially baboons).	Yes	No	N/A	Correctly implemented. See section "Solid Waste Management, Litter and Refuse".
Any cooking onsite is done on well-maintained gas cookers with valid fire extinguishers present. No open fires for cooking purposes are permitted under any circumstances.	Yes	No	N/A	No cooking is being done onsite.
Materials Handling, Use and Storage				
The Contractor shall ensure that any delivery drivers and visitors to site are informed of all procedures and restrictions. A visitor's register has been kept on file.	Yes	No	N/A	Correctly implemented.
Materials shall be appropriately secured to ensure safe passage between destinations. Loads, will be secured appropriately to prevent them spilling from the vehicle during transit.	Yes	No	N/A	Correctly implemented.
The Contractor shall be responsible for any clean up resulting from the failure by their Employees or Suppliers to properly secure transported materials.	Yes	No	N/A	No clean-up has been required.
All manufactured and/or imported materials shall, where reasonably possible, be stored within the Contractor's camp and, if so required by the Engineer/ECO, out of the rain.	Yes	No	N/A	Correctly implemented. A stockpile of bedding material has been placed at the entrance to the farm and has been property demarcated as such. Further building material has been stored in the containers and in a fenced off area next to the Contractors site camp. No materials are being stored at HAV1 Repl.
The location and method of protection of such materials stored outside of the Contractor's camp and the method of rehabilitation of these areas, shall be subject to the Engineer/ECO's approval. Stockpile areas shall be approved by the Engineer/ECO before any stockpiling commences.	Yes	No	N/A	Correctly implemented.
Handling, Use and Storage of Hazardous Substances				
Surfaces where hydrocarbon spills may occur are adequately prepared to prevent pollution.	Yes	No	N/A	Correctly implemented.
The ECO has been informed of all hazardous substances stored onsite, and MSDSs have been provided.	Yes	No	N/A	MSDSs for petrol, diesel, cement, and Bricure are available in the site file.
Hazardous substances are stored in an appropriate area, in leak proof containers which are correctly labelled. Bunding the area will be required if necessary, as per the ECO.	Yes	No	N/A	Correctly implemented at the site camp and T4/5. There are no hazardous substances at HAV1 Repl.
Spills are immediately contained, the source is isolated, and the spillage is removed. Cleanup is conducted by applying absorbent material or by removing contaminated soil.	Yes	No	N/A	No leaks or spills were observed by the ECO during the inspection, and as such, no spills have occurred since the 26-06-2025.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Treatment or remediation of the spill is done to the satisfaction of the ECO, with waste disposed of at a licensed facility and disposal slips provided to the ECO.	Yes	No	N/A	No spills were observed by the ECO during the inspection, and as such, no spills have occurred since the 26-06-2025.The contaminated material is stored inside the storage container at the site camp.
Hydrocarbon Management (Fuels, Oils and lubricants)				
Hydrocarbon storage area is located where it does not pose a risk to sensitive ecosystems and or traffic and staff safety.	Yes	No	N/A	Correctly implemented. All fuel is stored in the container at the site camp at T4/5. There is no machinery or equipment at HAV1 Repl.
Surfaces, where the possibility of hydrocarbon spillage exists, are prepared in such a way as to mitigate these risks.	Yes	No	N/A	Correctly implemented. The small excavator and the TLB were in use at the time of the inspection. The smaller generators and pumps were on top of drip trays. The large excavator did have a drip tray beneath it and the oil in the drip tray was noted as a leak from the excavator. See photograph of the large excavator and leak in section “Equipment Maintenance and Storage” below.

(a)



(b)



25-07-2025, 11:00 – The small generators onsite were atop drip trays (a) and (b).

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Drip trays are placed under all parked or stationary plant/vehicles/machinery, and these containers are inspected to ensure no leakage occurs.	Yes	No	N/A	Correctly implemented. The large excavator onsite is leaking oil into the drip tray. See photograph in section “Equipment Maintenance and Storage” below.
Diesel/fuel is stored in sound storage tanks or in bowsers, and the tanks/bowsers are placed within a bunded area or on an area where the ground has been protected.	Yes	No	N/A	Correctly implemented. See section “Handling, Use and Storage of Hazardous Substances” above.
A spill kit is available on-site at all times, and unauthorized access to the fuel storage area is prevented.	Yes	No	N/A	A spill kit is available at the site camp at T4/5.
 **25-07-2025, 11:00 – A spill kit is available in the storage container at the site camp at T4/5.**				
No smoking is permitted near the fuel storage area.	Yes	No	N/A	Correctly implemented. Smoking occurs at the site camp at T4/5. The security guard is smoking inside the hut at HAV1 Repl. A bottle is used as an ashtray for cigarette buds. See section “Fire Control” below.
The Contractor has ensured that there is adequate fire-fighting equipment at the fuel stores.	Yes	No	N/A	Correctly implemented. See section “Fire Control” below.
Fuel containers are secured during transport.	Yes	No	N/A	Correctly implemented.
The surface under the refuelling area is protected against pollution to the ECO's satisfaction prior to refuelling activities. Equipment is refuelled with the use of drip trays.	Yes	No	N/A	No refuelling has been observed by the ECO.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Plant				
Equipment selection and operation are done with environmental degradation minimized, and equipment operators are made aware of environmental requirements and controls. Environmental training registers are kept on file onsite.	**Yes**	**No**	**N/A**	Correctly implemented. All machine operators have received Environmental Awareness Training by the ECO. See section “Environmental Awareness Training” above.
Equipment Maintenance and Storage				
Leaking equipment or vehicles emitting noticeably excessive fumes are repaired immediately or removed from Site.	**Yes**	**No**	**N/A**	The large excavator onsite is leaking oil into a drip tray. However, no spills outside of the drip tray were observed. The Contractor is in the process of having the excavator removed from site for repairs.
 **25-07-2025, 11:00 – The large excavator onsite is leaking oil into a drip tray at the site camp at T4/5.**				
Vehicles and machinery are serviced off-site, or if onsite maintenance is necessary, it is done outside sensitive areas, with prior approval from the Engineer and ECO. Portable drip trays on plastic are used to collect waste oil and lubricants to prevent environmental contamination.	**Yes**	**No**	**N/A**	The large excavator will be removed offsite for repairs.
Drip trays are provided in construction areas for stationary/parked equipment, inspected and emptied daily, and monitored during rain events to prevent overflow. The Contractor ensures that equipment is covered so that rainwater is excluded from the drip trays.	**Yes**	**No**	**N/A**	Correctly implemented. Hazardous liquid waste is stored in a labelled bottle on a drip tray in the storage container at the site camp at T4/5.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Oil from drip trays is stored in clean drums on protected ground and removed regularly to an oil-recycling centre. Proof of disposal is kept on file onsite.	Yes	No	N/A	The amount of oil in drip trays has been minimal and is not sufficient to be stored in a drum for recycling. The Contractor is wiping excess oil with a rag and placing the rags into the solid hazardous waste drum in the storage container at T4/5 to be disposed of in due course. Proof of disposal still to be provided when disposed of.
Washing of equipment onsite is strictly prohibited.	Yes	No	N/A	No washing of equipment covered in hydrocarbons has occurred. Washing of cement covered tools has been allowed. See section “Cement and Concrete Batching” below.
Cement and Concrete Batching				
Batching will only occur in areas which are located on a smooth impermeable surface (concrete or 250 pm plastic) and cement is batched (mixed) in a bunded area within the boundaries of the development footprint.	Yes	No	N/A	Concrete work is complete for now.
Cement is stored within weatherproof facilities/covered to prevent environmental contamination.	Yes	No	N/A	Correctly implemented. Cement bags are kept in the container at the site camp at T4/5.
All wastewater resulting from batching of cement/concrete is disposed of via the contaminated water management system and is not discharged into the environment.	Yes	No	N/A	No washing of tools is currently occurring.
Waste water from cement/concrete works and tool washing will be directed into a sump lined with bidim.	Yes	No	N/A	Sumps have not been dug at the site camp at T4/5 as the Contractor is washing tools in a water drum. The Contractor was reminded that no washing of tools at HAV1 Repl. is allowed due to there being no sump or water drum onsite. Tools are to be cleaned in the drum at T4/5 only.
Once work is complete the bidim sump will be removed and the waste material will be disposed of at a licenced facility.	Yes	No	N/A	Not required at this stage. Waste sediments are allowed to settle at the bottom of the drum and will be disposed of at a licenced facility when necessary.
Diversion berms are installed to direct contaminated water to a storage area, and contaminated water storage areas are protected from overflow, rain, and flooding.	Yes	No	N/A	Not required at this stage.
Sand, aggregate, cement or additives used during the mixing process are stored and appropriately and to prevent contamination of the surrounding environment.	Yes	No	N/A	As above.
Empty cement bags are stored in weatherproof containers to prevent contamination and are disposed of regularly through the hazardous waste management system.	Yes	No	N/A	Empty cement bags (neutralised with water) were placed in with general waste for disposal when required.
Reasonable measures are taken by the Contractor to prevent cement/concrete spillage during batching and construction. The ground beneath the shoots of cement trucks shall be protected with plastic sheeting.	Yes	No	N/A	No cement works are currently underway.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Spoiled or excess aggregate/cement/concrete is removed and disposed of through the solid waste management system, with a disposal certificate retained in the site file.	Yes	No	N/A	There is currently no excess rubble at either site.
Ablution and Toilet Facilities				
Washing, defecating, and urinating are only permitted at designated facilities.	Yes	No	N/A	No washing, defecating, or urinating has occurred outside of toilet facilities at either site.
Ablution facilities, including shelter, toilets, and washing facilities, are provided by the Contractor for all personnel onsite. Toilet facilities are provided at a ratio of at least 1 toilet per 30 workers (1:15 preferred).	Yes	No	N/A	Correctly implemented at both sites.
Toilet facilities are located within the Contractor's camp, but also at work areas remote from the camp, all to the satisfaction of the ECO.	Yes	No	N/A	Correctly implemented at both sites.
All portable toilets are adequately secured to the ground to prevent them toppling over because of wind or any other cause, and latched closed to prevent fauna getting in.	Yes	No	N/A	Correctly implemented at both sites.

(a)



(b)

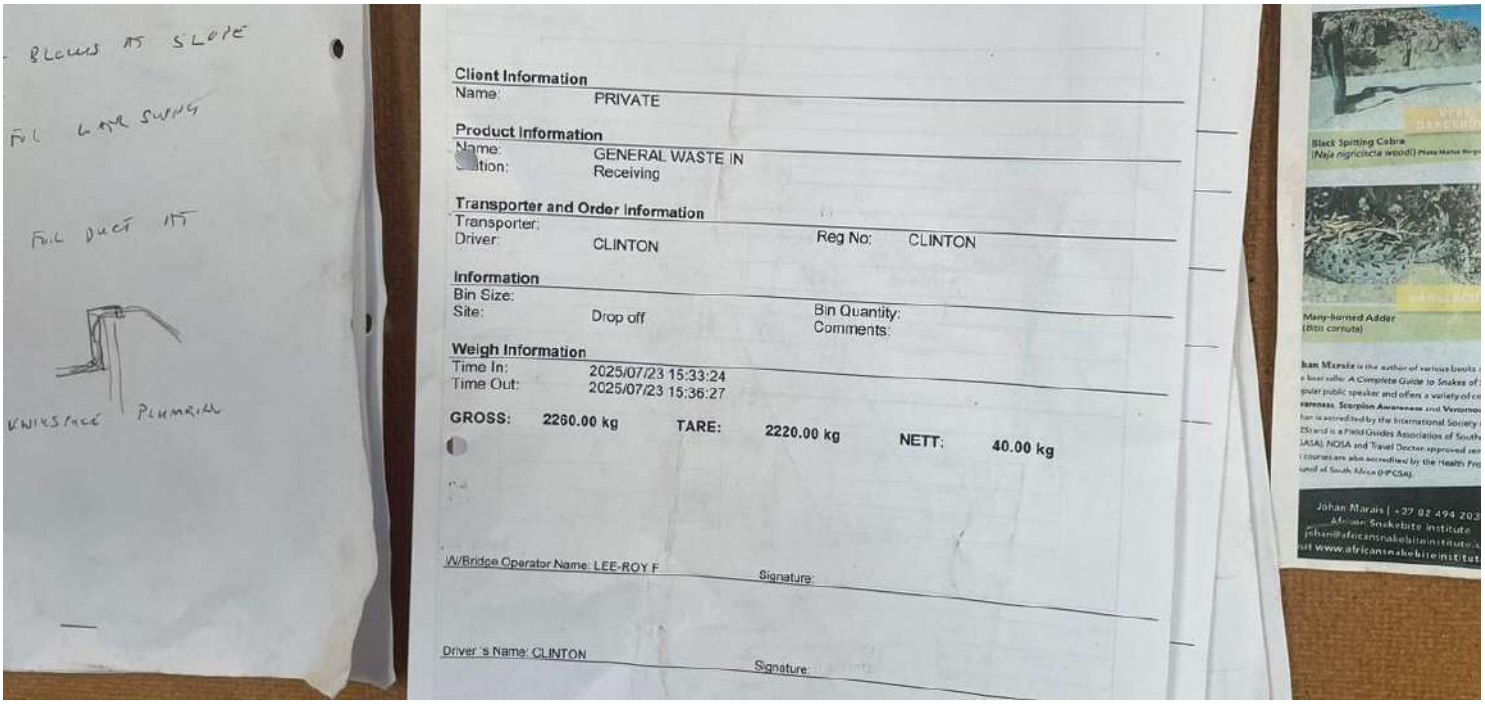


25-07-2025, 11:00 – Toilets are locked at both T4/5 (a) and HAv1 Repl. (b) to prevent animals accessing them.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
The Contractor has ensured that the entrances to these toilets are maintained in a hygienic state, serviced regularly, that no spillage occurs when they are cleaned and that contents are removed from Site.	Yes	No	N/A	Correctly implemented at both sites.
Discharge of waste from toilets into the environment and burial of waste is strictly prohibited.	Yes	No	N/A	No waste from toilets has been buried.
No ablution facilities are located closer than 50 m to any watercourse, wetland or other surface water body.	Yes	No	N/A	Correctly implemented at both sites.
Water Use				
Water is conserved wherever possible, with efforts to minimize usage and immediate attention given to any wastage.	Yes	No	N/A	Correctly implemented.
Water for potable use is sourced from a legal source, and the Contractor absolves the Employer of all risk or liability regarding compliance with relevant statutory obligations.	Yes	No	N/A	Correctly implemented. Water for construction at both sites is taken from the municipal line running from the old HAV1 borehole. The water is transported to T4/5 in jerry cans.
Water is not abstracted from private property without the prior written approval of the Landowner.	Yes	No	N/A	Correctly implemented. Permission was given to the Contractor by the Overstrand Municipality to use the groundwater from the old HAV1 borehole.
Only non-potable water from an approved source is used for construction activities such as dust suppression, etc.	Yes	No	N/A	Correctly implemented.
Water for construction purposes is bought to site in bowsers and stored in appropriately if required.	Yes	No	N/A	Water for T4/5 is transported in jerry cans when needed. It has been stored in an open container onsite and is used for the washing of cement covered tools when required, in lieu of a bidim-lined sump in the ground.
The Contractor ensures that the re-use of construction water is maximised.	Yes	No	N/A	Correctly implemented.
Fire Control				
The Contractor takes adequate precautions to ensure that the fire hazard on and near the site is reduced to a minimum and no fires have occurred/ been lit onsite.	Yes	No	N/A	Correctly implemented. No fires have occurred at either site.
Any fires which occur are reported to the ECO immediately.	Yes	No	N/A	No fires have occurred at either site.
Smoking is only permitted in designated smoking areas, which are demarcated, equipped with ash trays and fire-fighting equipment, and located away from fire hazards such as fuel storage, refuelling areas, or dense/grassy vegetation.	Yes	No	N/A	Correctly implemented at the site camp at T4/5. The security guard at HAV1 Repl. has a valid fire extinguisher onsite and is smoking inside the hut.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
A Fire Officer (may be the ESO) is appointed by the Contractor to ensure immediate and appropriate actions in the event of a fire and to make employees aware of the fire procedure.	Yes	No	N/A	Correctly implemented.
The relevant authority is notified immediately when a fire starts, without waiting until it can no longer be controlled.	Yes	No	N/A	No fires have occurred at either site.
The Contractor has ensured that there is always suitable and sufficient firefighting equipment available onsite.	Yes	No	N/A	Correctly implemented at both sites.
The Contractor has submitted an EMS to the ECO covering the procedure to be followed in the event of a fire.	Yes	No	N/A	Correctly implemented.
Necessary materials and equipment for dealing with oil, fuel, and hazardous substance spills (spill kits) and leaks are always onsite and up to date as a pre-emptive fire protection method.	Yes	No	N/A	Correctly implemented. There is a spill kit in the container at the site camp at T4/5.
The storage of hazardous/flammable materials and substances complies with national, provincial, and local regulatory requirements.	Yes	No	N/A	Correctly implemented.
Hot works				
Any welding and/or hot work has been undertaken with the necessary safety equipment, i.e., welding screens with functional/serviced fire extinguishers onsite.	Yes	No	N/A	No hot works have been required at this stage.
Designated staff have undergone fire-safety training and are certified to operate fire extinguishers and put out fires safely and quickly.	Yes	No	N/A	Correctly implemented.
Solid Waste Management, Litter and Refuse				
The site is kept neat and clean, and littering is prohibited.	Yes	No	N/A	Correctly implemented at T4/5. The security guard at HAV1 Repl. is smoking inside the hut, but cigarette buds were not being placed into the provided bin. This has since been rectified.
Burying or dumping of waste materials, vegetation, litter, or refuse onsite is prohibited.	Yes	No	N/A	No waste has been buried or dumped at either site.
Lockable and weatherproof bins with lids are provided in sufficient number and capacity to store daily solid waste. Lids are kept firmly on the bins, and they are emptied regularly, at least once a week, to prevent overflow.	Yes	No	N/A	Correctly implemented. The Contractor has obtained lockable bins for both sites. They have been labelled “R” for recyclable waste and “G” for general waste. The bins at T4/5 are inside the site container and a bin has been provided for the security guard at HAV1 Repl. which is latched to prevent animals accessing it.
Waste from bins may be temporarily stored onsite in a central waste area that is weatherproof and scavenger proof (lockable), and which the ECO has approved.	Yes	No	N/A	No general waste is stored onsite. Waste bins are emptied when full.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Refuse is recycled wherever possible, with containers provided for glass, paper, metals, and plastics, and contents delivered to suitable recycling facilities when necessary.	Yes	No	N/A	Correctly implemented.
All construction waste or spoil material is recycled wherever possible, either onsite or taken back to the Contractor's workshop for disposal, with disposal slips provided.	Yes	No	N/A	Correctly implemented.
All litter and refuse are disposed of offsite at an approved landfill site. The Contractor provides the ECO with a certificate of disposal and retains a copy in the Site file.	Yes	No	N/A	Correctly implemented. Waste disposal slips from the Civils Contractor are pinned to the board in the site office at T4/5.

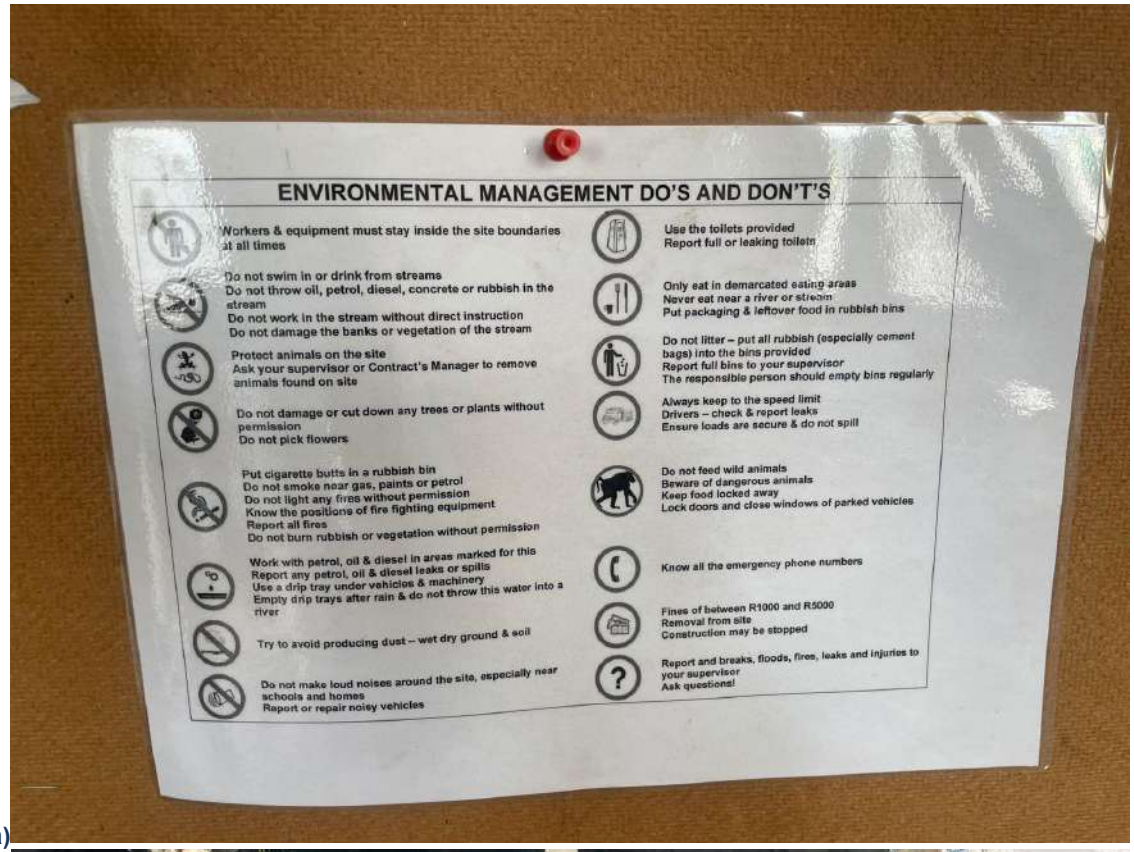


25-07-2025, 11:00 – Waste disposal slip for general waste disposal on the 23-07-2025.

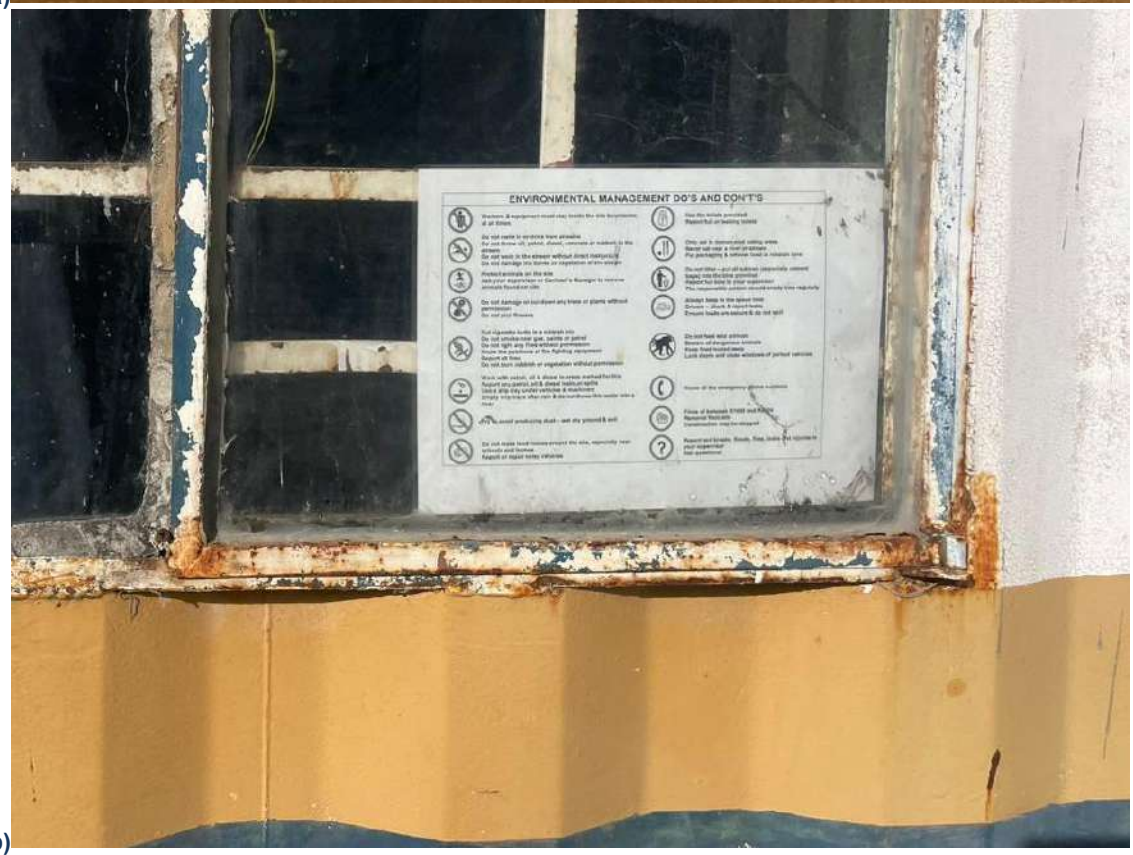
Contaminated Water Management				
Water containing pollutants such as cement, concrete, lime, chemicals, oils, and fuels is discharged into a conservancy tank for removal to a licensed disposal facility. A certificate of disposal is retained in the Site file. This applies to water from concrete batching plants and runoff from fuel storage, refuelling, or equipment washing areas.	Yes	No	N/A	Correctly implemented. No disposal of such has been completed yet.
No paint products, chemical additives, or cleaners (e.g., thinners and turpentine) or their wash water are disposed of onsite.	Yes	No	N/A	There are no paint products onsite.
The Contractor notifies the ECO immediately of any pollution incidents onsite and takes all reasonable measures to contain and minimize the effects of the pollution.	Yes	No	N/A	No pollution incidents have occurred.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Lights				
The Contractor ensures that onsite lighting does not cause avoidable disturbances to surrounding users and does not attract unwanted insects or animals. All installed lighting is energy-efficient where practical and is turned off when not in use.	**Yes**	**No**	**N/A**	No work will be occurring at night at either site.
Noise				
The Contractor limits noise levels (for example, by installing and maintaining silencers on plant equipment or using hay bales to lessen the noise).	**Yes**	**No**	**N/A**	Not required at this stage. Will be implemented if required.
Employees are provided with adequate PPE with respect to ear protection.	**Yes**	**No**	**N/A**	As above.
No amplified music or sound equipment is allowed onsite. Audio equipment may only be used at low volumes to remain unobtrusive. Sound amplification is permitted only in emergency situations	**Yes**	**No**	**N/A**	No music or sound equipment present onsite at either site.
Dust Management				
The Contractor takes all reasonable measures to minimise the generation of dust.	**Yes**	**No**	**N/A**	Not required at this stage due to wet weather conditions.
Stockpiles are kept in sheltered areas and managed in the following manner: Stockpile slopes are minimized to a natural angle of repose; stockpile sizes have been limited to a maximum height of 2 meters and stockpiles not in active use have been covered with shade cloth or geofabric.	**Yes**	**No**	**N/A**	At T4/5, subsoil stockpiles remain uncovered, but this is not currently an issue due to wet conditions and the clay-rich soil, which is unlikely to blow away. These stockpiles are being returned as backfill over the bedding material. Topsoil stockpiles, however, are still required to be covered with shade cloth. Not required at HAV1 Repl.
Dust suppression (wetting or other best practicable environmental option) is used in and around the Construction area, along haul roads, at stockpiles, and any additional area indicated by the EO/ECO.	**Yes**	**No**	**N/A**	Not required at this stage due to wet weather conditions.
Dowsing, with non-potable water (not including treated effluent or seawater, which may not be used for any activities), is implemented to reduce and control dust fallout.	**Yes**	**No**	**N/A**	As above.
Construction Personnel Information Posters				
Environmental information posters (“dos and don’ts”) have been erected at eating areas and other common areas. Posters are maintained in good condition and replaced if damaged or illegible.	**Yes**	**No**	**N/A**	Correctly implemented. Environmental (“dos and don’ts”) posters and emergency numbers have been displayed at the site camp at T4/5. The ECO has a small white board pinned up in the site office which is updated weekly with items to be addressed by the Contractor. This is to aid in communication between the ECO and the Contractor’s team.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)



(a)



(b)

25-07-2025, 11:00 – Environmental posters are displayed around the site camp.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Emergency Procedures				
EMS procedures are in place for emergencies and are being followed.	**Yes**	**No**	**N/A**	No emergencies have occurred.
In the event of an emergency, the Overstrand Municipality's Emergency Call Centre has been contacted using the appropriate numbers. Emergency contact numbers, including the local firefighting service, are posted in the Contractor's office and near the onsite telephone, and are retained in the Site file	**Yes**	**No**	**N/A**	As above.
General Protections in Terms of the National Heritage Resources Act (25 of 1999)				
If any heritage resource is encountered, work is stopped immediately, and the Engineer and ECO are notified. In this case, the Engineer/ECO contacts the relevant Heritage Authority, and work proceeds only upon their approval.	**Yes**	**No**	**N/A**	No heritage resources have been discovered.
A copy of the Record of Decision issued by Heritage Authorities is kept onsite, and The Contractor complies with the heritage management specifics outlined in the EMPr.	**Yes**	**No**	**N/A**	As above.
Protection of Natural Features				
The Contractor does not deface, paint, damage or mark any natural features situated in or around the site for survey or other purposes, unless agreed beforehand with the Engineer, ECO and Landowner.	**Yes**	**No**	**N/A**	Correctly implemented.
Any features affected by the Contractor in shall be restored/rehabilitated to the satisfaction of the ECO and Landowner.	**Yes**	**No**	**N/A**	No features have been affected.
Protection of Flora and Fauna				
Vegetation and flora are not removed, damaged, or disturbed except as necessary for the works, as specified by the ECO.	**Yes**	**No**	**N/A**	Correctly implemented. Note: Beginning March 2025, during the overhead cable installation at T4/5, all vegetation beneath the cable was brush-cut and improperly treated. The area will be monitored until the alien vegetation can be correctly identified and treated with an appropriate herbicide for proper removal. It is noted that the vegetation has grown back and can be positively identified for proper removal. The Contractor will complete this in due course.
A Specialist has identified natural vegetation or rare/endangered flora to be preserved. The Contractor has demarcated these areas as "no-go areas" to protect the flora. Necessary measures have been taken to ensure the protection of identified flora.	**Yes**	**No**	**N/A**	Search and Rescue was completed by a Specialist for the pipeline route at T4/5 on 25-02-2025 and 08-05-2025. Not required at HAV1 Repl.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Equipment has not been driven across natural vegetation, where possible. Areas of needless vegetation destruction have been reinstated to the standard specified by the ECO.	Yes	No	N/A	Correctly implemented.
Trapping, poisoning, shooting, or hunting of animals, including collecting carcasses, is strictly prohibited. No domestic pets or livestock are permitted onsite, and Site staff are prohibited from keeping pets. Measures are in place to keep domestic and native animals from surrounding Landowners safe from unprotected Works.	Yes	No	N/A	No hunting has occurred.
Clearing of Vegetation				
Vegetation clearance is strictly limited to what is required for construction activities. A qualified Botanical Specialist has been appointed to identify and oversee the removal, rescue, and relocation of Species of Conservation Concern (SOCC).	Yes	No	N/A	Search and Rescue has been completed by a Specialist for the pipeline route at T4/5. See above. Not required at HAV1 Repl.
Vegetation clearance has been approved by the Botanical Specialist, in line with the approved EMPr. vegetation clearance is restricted to the exploration camp, approved access routes, and areas where vegetation interferes with construction activities. No undue or unnecessary vegetation removal has occurred.	Yes	No	N/A	Correctly implemented.
Approved vegetation clearance is undertaken by hand using handheld implements, cutting vegetation at ground level without uprooting. Root structures are not removed or tampered with, and roots are left intact and in situ as far as reasonably possible.	Yes	No	N/A	Correctly implemented by a Specialist for the pipeline route at T4/5. Remaining vegetation is to be included in the topsoil stockpiles as per the request of the Specialist. Not required at HAV1 Repl.
No tracked or wheeled mechanised equipment is used for vegetation clearance.	Yes	No	N/A	As above.
Vegetation clearance is conducted in phases to reduce erosion and water pollution. Clearing operations are scheduled to minimise the exposure time of cleared areas before construction starts. Cleared areas are stabilised as soon as possible where necessary.	Yes	No	N/A	As above.
Site clearance activities cease immediately upon encountering fauna. Fauna is safely relocated before activities resume.	Yes	No	N/A	As above.
Vegetation is disposed of at an approved disposal site. Burying or burning of vegetation is strictly prohibited. Cut vegetation is to be disposed of at a licensed landfill facility with slips provided to the ECO.	Yes	No	N/A	No further vegetation disposal has occurred.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Riparian and Instream Habitat				
No construction activities occur within riparian or wetland habitats.	**Yes**	**No**	**N/A**	Correctly implemented.
Topsoil Management				
Topsoil (up to 300 mm deep, or to bedrock if shallower) and root material from cleared vegetation are stripped for rehabilitation and revegetation. Stripping is done according to the specified depth.	**Yes**	**No**	**N/A**	Correctly implemented. Topsoil has been cleared along the entire length of the pipeline to avoid compaction from excavators and timeline delays. Note: All line items under this section are applicable to T4/5 only and not HAV1 Repl., as no topsoil will be cleared at HAV1 Repl.
Topsoil is stripped from all areas subject to compaction, as per environmental specifications and ECO direction. Topsoil from different areas is stockpiled separately and returned to its original location, as well as stored separately from subsoil.	**Yes**	**No**	**N/A**	All required topsoil along the pipeline route has been cleared.
Topsoil is covered with shade cloth or geofabric to prevent desiccation.	**Yes**	**No**	**N/A**	Partial compliance. Some stockpiles of netting are no longer sufficiently covered with netting. The Contractor was requested to recover the below topsoil piles.



(a)

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
 (b) 25-07-2025, 11:00 – Some topsoil piles are no longer sufficiently covered with netting (a) and (b).				
Stockpiles are placed on previously disturbed areas or areas with minimal environmental impact. Stockpiles do not exceed 2 m in height and maintain a natural angle of repose.	Yes	No	N/A	Subsoil stockpiles have been placed outside of the demarcated area on top of vegetation. The Contractor was requested to seek advice from the Rehabilitation Specialist on how to remove the soil without damaging the underlying vegetation. This is outstanding since the 05-06-2025. The Contractor has been instructed by the Rehabilitation Specialist to remove the subsoil by hand to prevent damage to vegetation and topsoil. It was noted during the inspection in the 18-07-2025 that one small section of subsoil had been replaced by the Contractor about 100 m from the borehole. There was no change noted during the inspection on the 25-07-2025.
Erosion control measures (e.g., bund walls) are in place to prevent stockpile erosion and compaction. Stockpiles do not obstruct water flow or cause water damming.	Yes	No	N/A	Partial compliance for some topsoil stockpiles. See above. Subsoil and bedding stockpiles have not been covered with shade cloth but this is not an issue due to the current wet conditions, as well as being largely clay based and unlikely to blow away.
Topsoil and subsoil are stockpiled separately and reinstated in reverse order. Topsoil is only handled during removal and reinstatement. Replaced soil is compacted and levelled with adjacent areas, especially near watercourses.	Yes	No	N/A	Correctly implemented. Topsoil will be reinstated by the Rehabilitation Contractor once the pipeline has been completed.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Erosion and Sedimentation Control				
Any erosion or sedimentation on or off-site has been identified and reported. Rectification measures, as specified by the ECO, have been implemented.	**Yes**	**No**	**N/A**	Erosion is occurring along the access road to both HAV1 Repl. and T4/5 and will be addressed if and when necessary. See section “Access Routes/Haul Roads” above.
Any tunnels or erosion channels have been backfilled, compacted, and restored.	**Yes**	**No**	**N/A**	The existing trench, adjacent to which the pipeline will be laid, is already existing on the property and will be reinstated to its state prior to works following the installation of the pipeline at T4/5. This has not yet begun.
Cleared areas have been stabilised to prevent erosion, as per ECO’s guidance.	**Yes**	**No**	**N/A**	Not required at this stage.
Earthworks Management				
Excavated trenches are demarcated and fenced off as “no-go” areas when no Construction activity is underway. Trenches and excavations are backfilled as soon as possible, ideally during pipeline/cabling laydown.	**Yes**	**No**	**N/A**	Partial Compliance at T4/5: Some sections of the barrier tape have come loose along the pipeline route. The Contractor was requested to reinstate these. See photographs in section “Site Division, Demarcation and “No-Go” Areas” above. Note: All line items under this section are applicable to T4/5 only and not HAV1 Repl., as no further earthworks are required at HAV1 Repl.
Open trenches are inspected daily for trapped animals, and any found are safely relocated. Excavation in watercourses/wetlands occurs only in the dry season and is avoided during predicted heavy rains.	**Yes**	**No**	**N/A**	Correctly implemented. All trenches are inspected daily for fauna which may be trapped, and none have been found to date. Note: the existing trench, adjacent to which the pipeline will be laid, is already existing on the property and will be reinstated to its state prior to works following the installation of the pipeline at T4/5.
Soils are appropriately compacted according to the natural soil characteristics of the area to preserve future surface and subsurface drainage through the previously trenched areas.	**Yes**	**No**	**N/A**	Correctly implemented. Trenches are backfilled with original subsoil and local bedding material.
Stockpiles are kept free of weeds throughout construction. Stockpiles are not placed within the 1:20 flood line, within 50 m of wetlands/watercourses, or outside designated areas in construction diagrams.	**Yes**	**No**	**N/A**	Subsoil stockpiles have been placed outside of the demarcated area at T4/5. See section “Topsoil Management” above.
Only backfill material from an approved, alien-free source is used. Backfill is free of foreign matter such as litter, waste, vegetation, and seed stock.	**Yes**	**No**	**N/A**	Trenches are backfilled with original subsoil material and clean bedding has been sourced from a local company.
Changes in natural gradients due to Construction activities are avoided where possible or mitigated by levelling the slope to the original gradient during rehabilitation.	**Yes**	**No**	**N/A**	The existing trench, adjacent to which the pipeline will be laid, is already existing on the property and will be reinstated to its original state prior to works following the installation of the pipeline at T4/5.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Trenching				
Trenching for services shall be undertaken in accordance with the engineering specifications with the following environmental amplifications.	**Yes**	**No**	**N/A**	Correctly implemented.
A buffer zone must be implemented for each wetland/watercourse and construction within the buffer zone must be restricted to the trench line and working side of the trench.	**Yes**	**No**	**N/A**	Trenching will not occur adjacent or next to a wetland and/or watercourse.
Soil shall be excavated and used for refilling trenches i.e., soil from the first trench shall be excavated and stockpiled, thereafter soil from the second excavated trench length shall be used to backfill the trench behind it once the services have been laid. The last trench shall be filled using the soil stockpiled from the first trench.	**Yes**	**No**	**N/A**	The majority of the trench at T4/5 has been backfilled with only small sections open for the installation of breather manholes. The Contractor is hoping to complete the trenching and backfilling by 30-07-2025.
 **25-07-2025, 11:00 – Example of a breather manhole along the trench which is still to be backfilled and the manhole ring installed.**				
Trench lengths shall be kept as short as practically possible before backfilling and compacting.	**Yes**	**No**	**N/A**	The majority of the trench at T4/5 has been backfilled with only small sections open for the installation of breather manholes.
Trenches shall be re-filled to the same level as (or slightly higher to allow for settlement) the surrounding land surface to minimise erosion.	**Yes**	**No**	**N/A**	The existing trench, adjacent to which the pipeline will be laid, is already existing on the property and will be reinstated to its original state prior to works following the installation of the pipeline at T4/5.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Protection of Watercourses, Waterbodies and Wetlands				
The Contractor ensures that all watercourses and waterbodies are protected from contamination or degradation as a result of their activities, including protection from direct or indirect spills of pollutants.	**Yes**	**No**	**N/A**	No watercourses and/or waterbodies have been contaminated or degraded. It is expected that stormwater (or rainwater runoff) will be heavily silted after flowing through the construction area, however, a Freshwater Specialist is monitoring downslope ecosystems for potential impacts.
In the event of a spill, prompt action (as planned and approved in the Emergency Plan Method Statement) is taken to clear the polluted or affected areas, and the Engineer and ECO has been notified immediately.	**Yes**	**No**	**N/A**	Correctly implemented.
No activities occur within wetland areas unless necessary, with approval from the Engineer and ECO.	**Yes**	**No**	**N/A**	Correctly implemented.
Stormwater, Runoff Management and General Water Management				
No stormwater containing waste, or water containing waste emanating from Construction activities is discharged into a watercourse or waterbody.	**Yes**	**No**	**N/A**	Correctly implemented. The Contractor has closed majority of the trench. Once the farmers trench is reinstated the original stormwater design will be reinstated. Stormwater is currently not being diverted but is allowed to seep into the soil where the trench has been backfilled. Stormwater management is not required within the site area at HAV1 Repl, however, erosion is still looked out for.



25-07-2025, 11:00 – Stormwater seeping into the backfilled trench.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Uncontaminated water is removed from the site by allowing it to seep back into the soil around the site.	Yes	No	N/A	As above.
Suitable control of runoff is ensured during the Construction phase to prevent erosion of topsoil on stockpiles and adjacent land and undeveloped portions of the site. Erosion is monitored, and mitigation measures are implemented including, but not limited to, utilisation of sandbags and berms to prevent water from engrossing on sensitive ecosystems and to focus drainage into soft sands around the site.	Yes	No	N/A	Correctly implemented. There is currently one section of runoff which is flowing next to the footpath and into the trench. The flow of water was impeding construction and has been diverted into the trench, see above. There has been no erosion observed thus far (with the exception of the access roads). Construction runoff is being allowed to flow through the trench and seep back into the backfilled soil. See photographs above.
Clean water and dirty water systems are managed independently and be kept separately.	Yes	No	N/A	Not required at this stage as there are no construction materials present in the water from the trench. Sediments coming from the trench stormwater are considered clean insitu material (soluble soils and clays in solution). Thus the water is considered to be clean.
Erosion and stormwater management measures, such as berms, silt fences, and/or hessian curtains, have been implemented to prevent sedimentation of freshwater features and divert stormwater away from erosion-prone areas. Erosion control measures are being monitored regularly throughout the construction phase to ensure effectiveness.	Yes	No	N/A	The Contractor has been requested to put erosion and stormwater management measures in place as the wet season has started, and erosion is being monitored. See above.
Stormwater is directed towards stabilised areas to dissipate the energy of water flow. No ponding of stormwater is occurring on the site. Stormwater is confined to a dedicated stormwater channel on the Site. Stormwater from bunded areas is collected in a suitable container for proper disposal off-site.	Yes	No	N/A	Stormwater is currently not being diverted but is allowed to seep into the soil where the trench has been backfilled. There are currently no bunded areas onsite.
Increased runoff from vegetation clearance and/or soil compaction is being managed to prevent erosion and silt entry into streams.	Yes	No	N/A	Stormwater is currently not being diverted but is allowed to seep into the soil where the trench has been backfilled.
Temporary Site Closure				
In the event of temporary site closure (for a period exceeding one week), the Contractor's ESO shall carry out checks and report on compliance to the ECO.	Yes	No	N/A	Neither site is currently temporarily closed.
Fire extinguishers are serviced and accessible.	Yes	No	N/A	As above.
There is adequate ventilation in enclosed spaces.	Yes	No	N/A	As above.
All hazardous substance stores are securely locked.	Yes	No	N/A	As above.
Fencing and barriers are in place.	Yes	No	N/A	As above.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Emergency and management contact details are prominently displayed and available.	Yes	No	N/A	As above.
Wind and dust mitigation measures e.g., straw, brush packs, irrigation, etc. are in place.	Yes	No	N/A	As above.
Excavated and filled slopes and stockpiles are at a stable angle and capable of accommodating normal expected water flows.	Yes	No	N/A	As above.
There are sufficient detention ponds or channels in place.	Yes	No	N/A	As above.
Cement and materials stores are secured.	Yes	No	N/A	As above.
Toilets are empty, secured, and lockable.	Yes	No	N/A	As above.
Central waste area and all refuse bins are empty and secured.	Yes	No	N/A	As above.
Contaminated water conservancy tank empty.	Yes	No	N/A	As above.
Any bunded areas are clean and treated with an approved product where applicable (e.g., Spill Sorb or Enretech #1 Powder or equivalent).	Yes	No	N/A	As above.
Drip trays are empty and secure.	Yes	No	N/A	As above.
Excavations should not be left open during temporary closures. If an excavation must remain open during temporary closure, then someone must check the excavation on a regular basis for the presence of animals and for the need to de-water (especially after rainfall).	Yes	No	N/A	As above.
Demolition and Removal of Structures				
The Contractor demolishes and removes from site everything not forming part of the Permanent Works, prior to landscaping and rehabilitation.	Yes	No	N/A	Work is ongoing. Not required at this stage.
All material generated from the demolition and removal of structures from site are appropriately disposed of if not reused. All incidental excavations are refilled and adequately compacted and rehabilitated.	Yes	No	N/A	As above.

The responsible personnel shall identify the root cause of Non-Compliance found and adopt the appropriate Corrective and Preventive Actions for mitigation measures. Confirmation of the effectiveness of the Corrective and Preventive Actions shall be verified by the ECO and approved by the Overstrand Municipality within an agreed time.



(Environmental Control Officer: Melissa Weeks)

Date: 25-07-2025

ENVIRONMENTAL SITE INSPECTION

Revision 1

Project and Site Information			
Date	31-07-2025	**Site Location**	HAV1 Repl.: -34.398490°; 19.209445° T4/5: -34.375420°; 19.246203°
Time	12:00	**Site Owner**	HAV1 Repl.: Overstrand Municipality T4/5: Bouchard Finlayson Winery
Project Title	972 – Hemel en Aarde Expansion	**Inspected By**	ECO Melissa Weeks
Contract	SC2504_2024 Civil, Mechanical & Electrical	**Stage / Status during Inspection**	HAV1 Repl.: Installation of the perimeter fence is still underway. T4/5: Test pumping is still on hold as the Contractor is awaiting a pump connection which is on special order. The pipeline is installed; final connections and backfilling is still underway. Note: The site camp at T4/5 will serve for both it and HAV1 Repl.
Corresponding Method Statement	Environmental Method Statement: Supply and Install Mechanical, Electrical and Civil Borehole Hermanus	**Environmental Method Statement Date**	17-02-2025

Summary of Non-Compliance Issues				
Site / Area	**Aspect**	**Date Identified**	**Date Corrected**	**Action Taken**
T4/5	The drip tray beneath the excavator onsite is broken and needs to be replaced.	14-03-2025	03-04-2025	The Contractor was requested to obtain a new drip tray.
	The excavator arm is leaking oil, which is currently dripping onto the excavator itself rather than the ground. However, the ground beneath is not protected by a drip tray, creating a risk of contamination if the oil starts to drip further.	14-03-2025	03-04-2025	Although no oil has spilled onto the ground yet, the Contractor was instructed to place a drip tray beneath the arm as a precaution and to either repair the leak or remove the excavator from the site. On the 20-03-2025 it was noted by the ECO that a drip tray has been placed below the dripping arm of the excavator. On the 27-03-2025 it was noted that a cloth was used to temporarily stop the dripping of oil from the excavator.
HAV1 Repl. & T4/5	There are no bins onsite.	14-03-2025	25-04-2025	The Contractor was requested to obtain bins for general, hazardous and recycling waste.

Summary of Non-Compliance Issues				
Site / Area	**Aspect**	**Date Identified**	**Date Corrected**	**Action Taken**
T4/5	There are no environmental ("dos and don'ts") posters/signs on display at the site camp.	14-03-2025	27-03-2025	The Contractor was requested to display an environmental awareness poster.
HAV1 Repl.	There is no smoking area defined onsite.	20-03-2025	27-03-2025	The Contractor was requested to set up a smoking area with a nearby fire extinguisher.
	Partial Compliance. There is no defined eating area for staff onsite.	20-03-2025	10-04-2025	The Contractor was requested to define an eating area onsite.
	Partial Compliance. The toilet is latched from the outside to prevent animals from entering but is not secured to prevent toppling.	20-03-2025	03-04-2025	The Contractor was requested to secure the toilet to the ground.
	There were no fire extinguishers onsite.	20-03-2025	27-03-2025	The Contractor was requested to take a fire extinguisher from the site camp to HAV1 Repl. every time they are working onsite.
HAV1 Repl. & T4/5	The working area at HAV1 Repl. has been demarcated with danger tape, but T4/5 has not been.	27-03-2025	03-04-2025	The Contractor was requested to demarcate the working area using temporary fencing.
	Disposal of both general waste and brush-cut alien vegetation has been completed. The Contractor reported that no disposal slips were issued by the municipal facilities.	03-04-2024	08-04-2025	The ECO visited the municipal facility to enquire about proof of disposal for the alien vegetation. Staff explained that they do not typically provide official stamps or signatures. However, a logbook of incoming vehicle registration plates is maintained. The ECO has requested that, if permitted, the Contractor take a photo of the logbook showing their vehicle's entry. The general waste facility does issue disposal slips when vehicles go over the weighbridge. If not, staff are usually willing to sign a slip provided by the Contractor. On 08-04-2025 the Contractor confirmed that they had attempted to obtain a disposal slip for the waste that had already been offloaded. However, the facility would not issue a slip retrospectively. Going forward, the Contractor has been instructed to use the weighbridge to ensure proper disposal documentation is provided.
HAV1 Repl.	An oily fuel drum has been used for staff to store their lunch bags. It is unclear whether the oil was present beneath the bags during the inspection on 10-04-2025.	17-04-2025	24-04-2025	The Contractor was requested to immediately remove the oily drum from site and place it in the container at site camp.

Summary of Non-Compliance Issues				
Site / Area	**Aspect**	**Date Identified**	**Date Corrected**	**Action Taken**
	Partial Compliance. Two small cement spills have been observed at HAV1 Repl.	17-04-2025	22-04-2025	The Contractor was requested to pick these up and place them with the excess rubble that is stored on a plastic sheet adjacent to the pumphouse for disposal.
	A small amount of litter was seen around the site area.	29-04-2025	29-04-2025	The Contractor immediately cleaned up the litter.
Site Camp	Partial Compliance. The Contractor does not have a copy of the MSDS for Bricure (cement sealant) onsite.	08-05-2025	29-05-2025	The Contractor was requested to obtain a copy of this MSDS for the site file. The ECO tried finding this online but was unsuccessful.
HAV1 Repl.	Partial Compliance. A section of the barrier fence around the site has blown over.	19-05-2025	05-06-2025	The Contractor was requested to reinstate the barrier fence. Note: on the 29-05-2025 a section of the barrier fence has been removed. The Contractor was requested to reinstate the barrier fence.
	Partial Compliance. The toilet onsite is secured to the ground but not latched.	19-05-2025	29-05-2025	The Contractor was requested to ensure that the toilets onsite are always latched closed to prevent animals from entering.
T4/5	The Contractor has separated the topsoil from the subsoil but has not demarcated the topsoil.	19-05-2025	29-05-2025	The Contractor was requested to cover topsoil with netting to ensure it is kept separate from subsoil and not mistakenly used as such.
	Partial Compliance. Topsoil has not yet been cleared along the pipeline route in some areas where the excavators are operating. If not removed promptly, it is at risk of becoming compacted.	19-05-2025	29-05-2025	The Contractor was instructed to remove the topsoil along the excavator route before excavation work continues.
	Topsoil stockpiles have not been covered with netting.	19-05-2025	30-06-2025	The ECO requested netting be placed over topsoil stockpiles for demarcation and to prevent erosion. 05-06-2025: Majority of the topsoil stockpiles have been covered with shade cloth, but not all.
	Some sections of the barrier tape have been buried by subsoil stockpiles which have been placed outside of the demarcated area.	29-05-2025	13-06-2025	The Contractor was requested to reinstate the danger tape.
	One generator onsite was correctly placed inside a drip tray, while the other was not. Additionally, the crane truck did not have any drip trays beneath it.	29-05-2025	05-06-2025	The Contractor was instructed to ensure that all generators are placed inside drip trays and not directly on the ground, and that all vehicles have appropriate drip trays positioned underneath them.

Summary of Non-Compliance Issues				
Site / Area	**Aspect**	**Date Identified**	**Date Corrected**	**Action Taken**
	Subsoil stockpiles have been placed outside of the demarcated area on top of vegetation.	05-06-2025	Pending	The Contractor was requested to seek advice from the Rehabilitation Specialist on how to remove the soil without damaging the underlying vegetation. Note: The Contractor has been instructed by the Rehabilitation Specialist to remove the subsoil by hand to prevent damage to vegetation and topsoil.
	The majority of the trench remains open due to time constraints and the approaching rainy season, which has made it difficult for the Contractor to complete trenching and backfilling in smaller sections as outlined in the EMS.	05-06-2025	03-07-2025	The Contractor is making a consistent effort to comply with all other EMS conditions and continue work responsibly under the circumstances.
	The large excavator onsite is leaking oil from underneath onto a plastic sheet. This is a new leak and unrelated to the leak identified on 14-03-2025. No evidence of spills beneath the sheet are evident.	13-06-2025	03-07-2025	The Contractor was requested to repair the excavator or remove it from site. 19-06-2025: A small amount of oil dripped outside of the plastic area onto the ground despite the excavator being repaired. The small spill was immediately picked up. The Contractor was requested to repair the excavator again. 26-06-2025: A small oil spill occurred beneath the excavator due to leftover oil from recent repairs and the absence of a drip tray. The Contractor was instructed to clean the machine and carry out further repairs to identify and stop the leak.
	Partial Compliance. A small amount of cement spilled outside the shuttering.	13-06-2025	19-05-2025	The Contractor was requested to wait for the cement to dry and then pick it up and dispose of it as rubble.
Site Camp	The Electrical Contractor was to be inducted by the primary Contractor ahead of the installation of the electrical boxes. When the Contractor was asked to provide the ECO with an induction register, none could be provided.	03-07-2025	11-07-2025	The Contractor was requested to induct the Electrical Contractor and provide the ECO with a copy of the attendance register.
T4/5	Partial Compliance. The plastic beneath the small excavator had blown out from beneath the machine. The large excavator had drip trays beneath it, however, they were full of rainwater.	03-07-2025	11-07-2025	The Contractor was not onsite at the time of the inspection but was requested to rectify.

Summary of Non-Compliance Issues				
Site / Area	**Aspect**	**Date Identified**	**Date Corrected**	**Action Taken**
HAV1 Repl.	Partial Compliance. The security guard is smoking inside the hut, however, the cigarette buds are not being placed into the provided bin but rather on the ground outside the hut.	11-07-2025	18-07-2025	The security guard was requested to pick up the buds and place them in the bin.
T4/5	The large excavator onsite is leaking oil into a drip tray.	18-07-2025	31-07-2025	The Contractor was requested to fix the excavator or remove it from site.
	Some sections of barrier fencing are broken along the trench working area.	18-07-2025	Pending	The Contractor was requested to reinstate the fencing.
	The TLB onsite was observed driving inside of the “no-go” area to dump material for backfilling. Fortunately, the ECO observed this on the first load of material and the vegetation was left slightly trampled but not damaged.	25-07-2025	31-07-2025	The TLB driver was instructed to only drive within the working area.
	Partial compliance. Some topsoil stockpiles are no longer sufficiently covered with netting.	25-07-2025	Pending	The Contractor was requested to re-cover the topsoil stockpiles.
HAV1 Repl.	Partial compliance. The Fencing Contractor did not have a drip tray beneath the generator onsite, only some wooden boards.	31-07-2025	Pending	The Contractor was requested to obtain a drip tray.
	The Contractor was mixing cement for the fence post foundations inside a wheelbarrow but with no mitigation measures beneath.	31-07-2025	Pending	The Contractor was requested to mix cement with plastic beneath the mixing area to prevent spillage.

Monitored Parameter	**Yes**	**No**	**N/A**	**Comments** (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
General				
Is the overall appearance of the site visually acceptable and tidy?	**Yes**	**No**	**N/A**	Correctly implemented at HAV1 Repl. and T4/5.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)

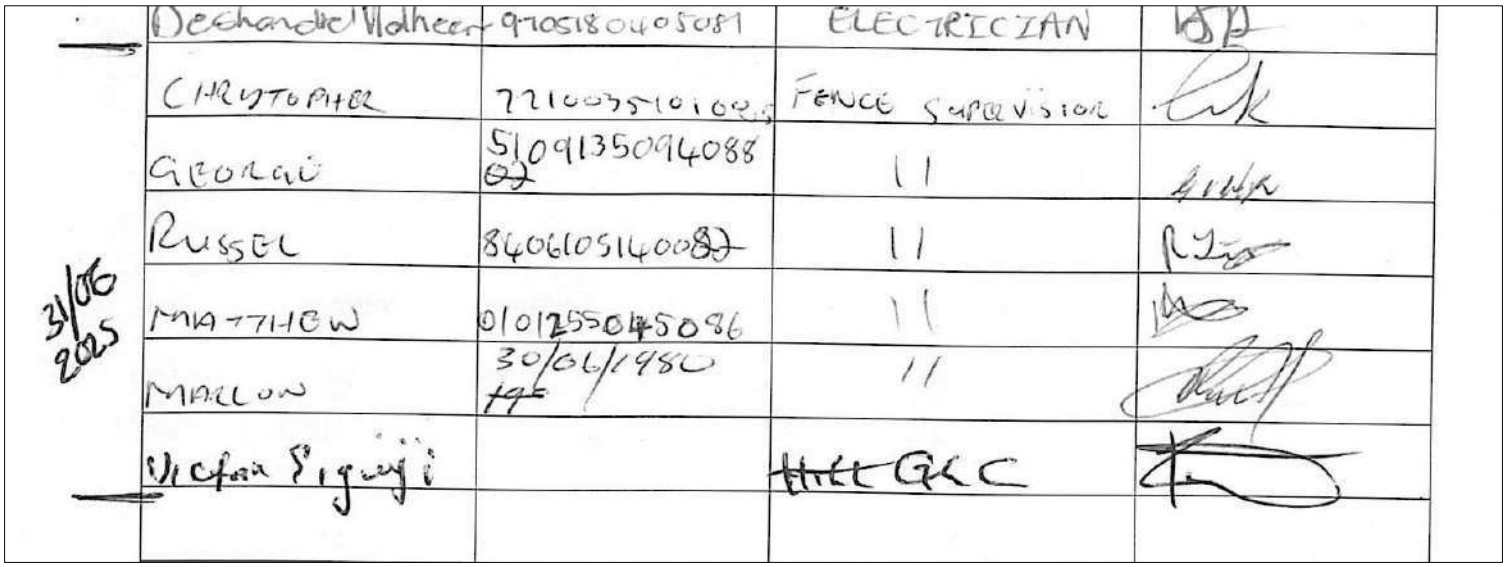
(a)



(b)



Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
 **(c) 31-07-2025, 12:00 – A perimeter fence is being installed at HAV1 Repl. (a). The final connections to the pump house and pump are underway at T4/5 (b). Shaping and reprofiling the area along the pipeline route is underway (c).**				
A copy of the EMS will always be available onsite in the site file.	**Yes**	**No**	**N/A**	A copy of the EMS, the BAR and the EA are available in the site file.
Environmental Awareness Training				
The Contractor ensures that all employees, and those of their Sub-Contractor, attend an Environmental Awareness Training Course (EATC), conducted by the ECO. The training will cover key environmental features of the working area, its surroundings, and the environmental controls outlined in this specification.	**Yes**	**No**	**N/A**	An EATC was given to staff on the 24-02-2025 at the Contractor's offices. Further training has been given by the ECO to local labour and/or Subcontractors onsite on the 20-03-2025, 03-04-2025, 12-05-2025, 19-05-2025, 29-05-2025, 03-07-2025, 18-07-2025, and the 25-07-2025. EATC was given to the Fencing Contractor on the 31-07-2025.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
				

				31-07-2025, 12:00 – Additional EATC was given to the Fencing Contractor onsite on by the ECO.
The initial EATC shall be held within 28 days from the Commencement Date, and subsequent courses shall be arranged for new employees coming onto Site after the initial training course. Provision shall also be made for refresher courses to be undertaken on a quarterly basis during the Contract	**Yes**	**No**	**N/A**	Correctly implemented. See above.
The Contractor provides proof of attendance by all their employees in the form of a signed attendance register for each session. All environmental training registers are kept on file.	**Yes**	**No**	**N/A**	Correctly implemented.
Site Division, Demarcation and "No-Go" Areas				
The location, layout and establishment of the Contractors camp shall be approved by the ECO prior to the start of establishment.	**Yes**	**No**	**N/A**	Correctly implemented at both sites.
The Contractor restricts all their activities, materials, plant equipment and personnel to within the Site or any working areas specified or indicated on the drawings.	**Yes**	**No**	**N/A**	Correctly implemented at both sites.
Permanent and/or temporary fences have been erected and maintained in the locations specified in the Scope of Work or drawings, and, if specified, before the commencement of any construction activities.	**Yes**	**No**	**N/A**	A permanent fence is being erected at HAV1 Repl. Partial Compliance at T4/5. Some sections of the barrier tape have come loose along the pipeline route. The Contractor was requested to reinstate these.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)

(a)



(b)



Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
 **(c) 31-07-2025, 11:00 – A permanent fence is being erected at HAV1 Repl. (a)Some sections of barrier tape along the pipeline route are no longer in place (b) and (c).**				
Where environmentally sensitive areas are specified as “no-go” areas, no person, plant, equipment, or material shall enter these areas at any time, in accordance with the Contractor's authority.	**Yes**	**No**	**N/A**	No staff or machinery have been observed outside of the working area at both sites.
Access Routes/Haul Roads				
The Contractor controls the movement of all vehicles and construction equipment, including those of suppliers and subcontractors, ensuring they remain on designated routes and are distributed to prevent undue traffic concentration. All vehicle and equipment movement complies with relevant laws. The movement of such vehicles and construction equipment is planned and operated to minimise disruption to regular users of the routes.	**Yes**	**No**	**N/A**	Correctly implemented.
As far as possible the Contractor uses existing access and haul routes.	**Yes**	**No**	**N/A**	Correctly implemented.
Any damage to existing access roads caused by construction activities has been repaired to the satisfaction of the Engineer using material similar to the original. The cost of repairs has been covered by the Contractor.	**Yes**	**No**	**N/A**	The road leading to HAV1 Repl. is slowly being damaged by erosion, which happens regularly in this area. The Contractor will repair the road should it be deemed necessary for access. Some erosion damage has been observed at T4/5. The Contractor will repair the road should it be deemed necessary for access. It was noted during the inspection that the road leading to T4/5 had been repaired.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
No new access roads or tracks have been constructed without the Landowner's consent.	Yes	No	N/A	Correctly implemented. No new access roads have been required.
Where new routes are required to gain site access, prior approval from the Engineer and ECO have been obtained. New access routes disturb the smallest possible area, avoid all "no-go" areas, and follow natural contours where possible.	Yes	No	N/A	No new routes are required at this stage.
Vehicle trips have been kept to a minimum to reduce vegetation damage, and all equipment has remained on the demarcated access route.	Yes	No	N/A	No staff or machinery have been observed outside of the working area at both sites.
All directional signage for vehicle and equipment movement required by the Contractor, their Subcontractors or Suppliers is of an approved design and located as approved by the Engineer.	Yes	No	N/A	No directional signage is currently required.
Eating Areas				
The Contractor has designated eating areas within the approved camp.	Yes	No	N/A	Correctly implemented at the site camp at T4/5. The eating area at HAV1 Repl. has been removed as the Contractor is not onsite. The security guard is eating inside the hut at HAV1 Repl.
The feeding of, or leaving of food for, animals is strictly prohibited.	Yes	No	N/A	No food is left out for animals.
Sufficient bins are provided in specified areas, and lockable bins are used where required to prevent animal access (especially baboons).	Yes	No	N/A	Correctly implemented. See section "Solid Waste Management, Litter and Refuse".
Any cooking onsite is done on well-maintained gas cookers with valid fire extinguishers present. No open fires for cooking purposes are permitted under any circumstances.	Yes	No	N/A	No cooking is being done onsite.
Materials Handling, Use and Storage				
The Contractor shall ensure that any delivery drivers and visitors to site are informed of all procedures and restrictions. A visitor's register has been kept on file.	Yes	No	N/A	Correctly implemented.
Materials shall be appropriately secured to ensure safe passage between destinations. Loads, will be secured appropriately to prevent them spilling from the vehicle during transit.	Yes	No	N/A	Correctly implemented.
The Contractor shall be responsible for any clean up resulting from the failure by their Employees or Suppliers to properly secure transported materials.	Yes	No	N/A	No clean-up has been required.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
All manufactured and/or imported materials shall, where reasonably possible, be stored within the Contractor's camp and, if so required by the Engineer/ECO, out of the rain.	Yes	No	N/A	Correctly implemented. A stockpile of bedding material has been placed at the entrance to the farm and has been property demarcated as such. Further building material has been stored in the containers and in a fenced off area next to the Contractors site camp. No materials are being stored at HAV1 Repl.
The location and method of protection of such materials stored outside of the Contractor's camp and the method of rehabilitation of these areas, shall be subject to the Engineer/ECO's approval. Stockpile areas shall be approved by the Engineer/ECO before any stockpiling commences.	Yes	No	N/A	Correctly implemented.
Handling, Use and Storage of Hazardous Substances				
Surfaces where hydrocarbon spills may occur are adequately prepared to prevent pollution.	Yes	No	N/A	Correctly implemented.
The ECO has been informed of all hazardous substances stored onsite, and MSDSs have been provided.	Yes	No	N/A	MSDSs for petrol, diesel, cement, and Bricure are available in the site file.
Hazardous substances are stored in an appropriate area, in leak proof containers which are correctly labelled. Bunding the area will be required if necessary, as per the ECO.	Yes	No	N/A	Correctly implemented at the site camp and T4/5. Fuel stored at HAV1 Repl. by the Fencing Contractor is stored in the back of the vehicle.



(a)

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)

(b)



(c)



31-07-2025, 12:00 – Drip tray beneath the chemicals stored in the site camp container at T4/5. The Fencing Contractor stored fuel, tools and cement in the back of the vehicles at HAV1 Repl. (b) and (c).

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Spills are immediately contained, the source is isolated, and the spillage is removed. Cleanup is conducted by applying absorbent material or by removing contaminated soil.	Yes	No	N/A	No leaks or spills were observed by the ECO during the inspection, and as such, no spills have occurred since the 26-06-2025.
Treatment or remediation of the spill is done to the satisfaction of the ECO, with waste disposed of at a licensed facility and disposal slips provided to the ECO.	Yes	No	N/A	No spills were observed by the ECO during the inspection, and as such, no spills have occurred since the 26-06-2025. The contaminated material is stored inside the storage container at the site camp.
Hydrocarbon Management (Fuels, Oils and lubricants)				
Hydrocarbon storage area is located where it does not pose a risk to sensitive ecosystems and or traffic and staff safety.	Yes	No	N/A	Correctly implemented. All fuel is stored in the container at the site camp at T4/5. There is no machinery or equipment at HAV1 Repl.
Surfaces, where the possibility of hydrocarbon spillage exists, are prepared in such a way as to mitigate these risks.	Yes	No	N/A	Correctly implemented at T4/5. The large excavator which was leaking oil into a drip tray from the inspection on the 25-07-2025 was removed from site and replaced with one which is not leaking. The new larger excavator and the small excavator were in use at the time of the inspection. A drip tray was beneath both the smaller generator and a site dumper. Partial compliance at HAV1 Repl. The Fencing Contractor did not have a drip tray beneath the generator onsite, only some wooden boards. The Contractor was requested to obtain a drip tray.



(a)

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
(a)  (b)  (c) **31-07-2025, 12:00 – Drip tray beneath both the site dumper (a) and a small generator (b) at T4/5. A small generator at HAV1 Repl. did not have a drip tray beneath it, only wooden boards (c).**				
Drip trays are placed under all parked or stationary plant/vehicles/machinery, and these containers are inspected to ensure no leakage occurs.	**Yes**	**No**	**N/A**	Correctly implemented at T4/5. Partial compliance at HAV1 Repl. See above.
Diesel/fuel is stored in sound storage tanks or in bowsers, and the tanks/bowsers are placed within a bunded area or on an area where the ground has been protected.	**Yes**	**No**	**N/A**	Correctly implemented. See section “Handling, Use and Storage of Hazardous Substances” above.
A spill kit is available on-site at all times, and unauthorized access to the fuel storage area is prevented.	**Yes**	**No**	**N/A**	A spill kit is available at the site camp at T4/5.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
No smoking is permitted near the fuel storage area.	Yes	No	N/A	Correctly implemented. Smoking occurs at the site camp at T4/5. The security guard is smoking inside the hut at HAV1 Repl. A bottle is used as an ashtray for cigarette buds. The Fencing Contractor is smoking next to the vehicle and placing his cigarette buds into the general waste bin.
The Contractor has ensured that there is adequate fire-fighting equipment at the fuel stores.	Yes	No	N/A	Correctly implemented. See section “Fire Control” below.
Fuel containers are secured during transport.	Yes	No	N/A	Correctly implemented. See photograph in section “Handling, Use and Storage of Hazardous Substances“ above.
The surface under the refuelling area is protected against pollution to the ECO's satisfaction prior to refuelling activities. Equipment is refuelled with the use of drip trays.	Yes	No	N/A	No refuelling has been observed by the ECO.
Plant				
Equipment selection and operation are done with environmental degradation minimized, and equipment operators are made aware of environmental requirements and controls. Environmental training registers are kept on file onsite.	Yes	No	N/A	Correctly implemented. All machine operators have received Environmental Awareness Training by the ECO. See section “Environmental Awareness Training” above.
Equipment Maintenance and Storage				
Leaking equipment or vehicles emitting noticeably excessive fumes are repaired immediately or removed from Site.	Yes	No	N/A	The large excavator which was onsite on the 25-07-2025 was leaking oil into a drip tray but has since been removed from site and replaced with one which does not leak.



31-07-2025, 12:00 – The new large excavator onsite at T4/5.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Vehicles and machinery are serviced off-site, or if onsite maintenance is necessary, it is done outside sensitive areas, with prior approval from the Engineer and ECO. Portable drip trays on plastic are used to collect waste oil and lubricants to prevent environmental contamination.	**Yes**	**No**	**N/A**	There are no vehicles or machinery onsite which are in need of repairs.
Drip trays are provided in construction areas for stationary/parked equipment, inspected and emptied daily, and monitored during rain events to prevent overflow. The Contractor ensures that equipment is covered so that rainwater is excluded from the drip trays.	**Yes**	**No**	**N/A**	Correctly implemented. Hazardous liquid waste is stored in a labelled bottle on a drip tray in the storage container at the site camp at T4/5. See photograph in section “Handling, Use and Storage of Hazardous Substances“ above.
Oil from drip trays is stored in clean drums on protected ground and removed regularly to an oil-recycling centre. Proof of disposal is kept on file onsite.	**Yes**	**No**	**N/A**	The amount of oil in drip trays has been minimal and is not sufficient to be stored in a drum for recycling. The Contractor is wiping excess oil with a rag and placing the rags into the solid hazardous waste drum in the storage container at T4/5 to be disposed of in due course. Proof of disposal still to be provided when disposed of.
 **31-07-2025, 12:00 – Solid hazardous waste is stored in a drum in the site container at the site camp at T4/5.**				
Washing of equipment onsite is strictly prohibited.	**Yes**	**No**	**N/A**	No washing of equipment covered in hydrocarbons has occurred. Washing of cement covered tools has been allowed. See section “Cement and Concrete Batching” below.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Cement and Concrete Batching				
Batching will only occur in areas which are located on a smooth impermeable surface (concrete or 250 pm plastic) and cement is batched (mixed) in a bunded area within the boundaries of the development footprint.	**Yes**	**No**	**N/A**	Concrete work is underway at HAV1 Repl. The Contractor was mixing cement for the fence post foundations inside a wheelbarrow but with no mitigation measures beneath. No spillage was observed; however, the Contractor was requested to mix cement with plastic sheeting beneath the mixing area as a prevention mitigation. No cement works are underway at T4/5.

(a)



(b)



31-07-2025, 12:00 – Cement for fence post foundations was poured at HAV1 Repl. (a). Cement mixing was occurring in a wheelbarrow with no mitigations beneath (b).

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Cement is stored within weatherproof facilities/covered to prevent environmental contamination.	Yes	No	N/A	Correctly implemented. Cement bags are kept in the container at the site camp at T4/5 and in the back of the Contractors vehicle at HAV1 Repl. See photograph in section “Handling, Use and Storage of Hazardous Substances” above. No cement bags are left onsite overnight at HAV1 Repl.
All wastewater resulting from batching of cement/concrete is disposed of via the contaminated water management system and is not discharged into the environment.	Yes	No	N/A	The Contractor said that the cement covered tools were going to be taken offsite at the end of the day to be cleaned through their waste management system at their laydown area.
Waste water from cement/concrete works and tool washing will be directed into a sump lined with bidim.	Yes	No	N/A	Sumps have not been dug at the site camp at T4/5 as the Contractor is washing tools in a water drum. The Contractor was reminded that no washing of tools at HAV1 Repl. is allowed due to there being no sump or water drum onsite. Tools are to be cleaned in the drum at T4/5 only.
Once work is complete the bidim sump will be removed and the waste material will be disposed of at a licenced facility.	Yes	No	N/A	Work is ongoing, however, the sump for cement washing was getting full and the waste sediments from the cement washing drum were allowed to settle and have been removed by the Contractor. They were taken to a licenced facility and disposed of as rubble. See disposal slip in section “Solid Waste Management, Litter and Refuse” below.



(a)

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
 (b) **30-07-2025, 14:00 – Sediments from cement washing sump were placed in bags and removed for disposal (a) and (b). Note: Photographs received from the Contractor Foreman onsite the day before the ECO inspection.**				
Diversion berms are installed to direct contaminated water to a storage area, and contaminated water storage areas are protected from overflow, rain, and flooding.	**Yes**	**No**	**N/A**	Not required at this stage.
Sand, aggregate, cement or additives used during the mixing process are stored and appropriately and to prevent contamination of the surrounding environment.	**Yes**	**No**	**N/A**	Correctly implemented.
Empty cement bags are stored in weatherproof containers to prevent contamination and are disposed of regularly through the hazardous waste management system.	**Yes**	**No**	**N/A**	No empty cement bags were observed by the ECO whilst onsite. The Fencing Contractor was requested to neutralise the empty bags with water before disposing of them as general rubble.
Reasonable measures are taken by the Contractor to prevent cement/concrete spillage during batching and construction. The ground beneath the shoots of cement trucks shall be protected with plastic sheeting.	**Yes**	**No**	**N/A**	The Contractor was mixing cement for the fence post foundations inside a wheelbarrow but with no mitigation measures beneath. No spillage was observed; however, the Contractor was requested to mix cement with plastic sheeting beneath the mixing area as a prevention mitigation. See photograph above.
Spoiled or excess aggregate/cement/concrete is removed and disposed of through the solid waste management system, with a disposal certificate retained in the site file.	**Yes**	**No**	**N/A**	There is currently no excess rubble at either site.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Ablution and Toilet Facilities				
Washing, defecating, and urinating are only permitted at designated facilities.	Yes	No	N/A	No washing, defecating, or urinating has occurred outside of toilet facilities at either site.
Ablution facilities, including shelter, toilets, and washing facilities, are provided by the Contractor for all personnel onsite. Toilet facilities are provided at a ratio of at least 1 toilet per 30 workers (1:15 preferred).	Yes	No	N/A	Correctly implemented at both sites.
Toilet facilities are located within the Contractor's camp, but also at work areas remote from the camp, all to the satisfaction of the ECO.	Yes	No	N/A	Correctly implemented at both sites.
All portable toilets are adequately secured to the ground to prevent them toppling over because of wind or any other cause, and latched closed to prevent fauna getting in.	Yes	No	N/A	Correctly implemented at both sites.
The Contractor has ensured that the entrances to these toilets are maintained in a hygienic state, serviced regularly, that no spillage occurs when they are cleaned and that contents are removed from Site.	Yes	No	N/A	Correctly implemented at both sites.
Discharge of waste from toilets into the environment and burial of waste is strictly prohibited.	Yes	No	N/A	No waste from toilets has been buried.
No ablution facilities are located closer than 50 m to any watercourse, wetland or other surface water body.	Yes	No	N/A	Correctly implemented at both sites.
Water Use				
Water is conserved wherever possible, with efforts to minimize usage and immediate attention given to any wastage.	Yes	No	N/A	Correctly implemented.
Water for potable use is sourced from a legal source, and the Contractor absolves the Employer of all risk or liability regarding compliance with relevant statutory obligations.	Yes	No	N/A	Correctly implemented. Water for construction at both sites is taken from the municipal line running from the old HAV1 borehole. The water is transported to T4/5 in jerry cans.
Water is not abstracted from private property without the prior written approval of the Landowner.	Yes	No	N/A	Correctly implemented. Permission was given to the Contractor by the Overstrand Municipality to use the groundwater from the old HAV1 borehole.
Only non-potable water from an approved source is used for construction activities such as dust suppression, etc.	Yes	No	N/A	Correctly implemented.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Water for construction purposes is bought to site in bowsers and stored in appropriately if required.	Yes	No	N/A	Water for T4/5 is transported in jerry cans when needed. It has been stored in an open container onsite and is used for the washing of cement covered tools when required, in lieu of a bidim-lined sump in the ground. The open container was cleaned out on the 30-07-2025. See photographs in section “Cement and Concrete Batching” above. The open container is currently being used to clean mud off tools at the end of the trench at T4/5.
 **31-07-2025, 12:00 – Open container used for rinsing muddy tools at the end of the trench at T4/5.**				
The Contractor ensures that the re-use of construction water is maximised.	Yes	No	N/A	Correctly implemented.
Fire Control				
The Contractor takes adequate precautions to ensure that the fire hazard on and near the site is reduced to a minimum and no fires have occurred/ been lit onsite.	Yes	No	N/A	Correctly implemented. No fires have occurred at either site.
Any fires which occur are reported to the ECO immediately.	Yes	No	N/A	No fires have occurred at either site.
Smoking is only permitted in designated smoking areas, which are demarcated, equipped with ash trays and fire-fighting equipment, and located away from fire hazards such as fuel storage, refuelling areas, or dense/grassy vegetation.	Yes	No	N/A	Correctly implemented at both the site camp at T4/5 and HAV1 Repl. The security guard at HAV1 Repl. has a valid fire extinguisher onsite and is smoking inside the hut.

(a)



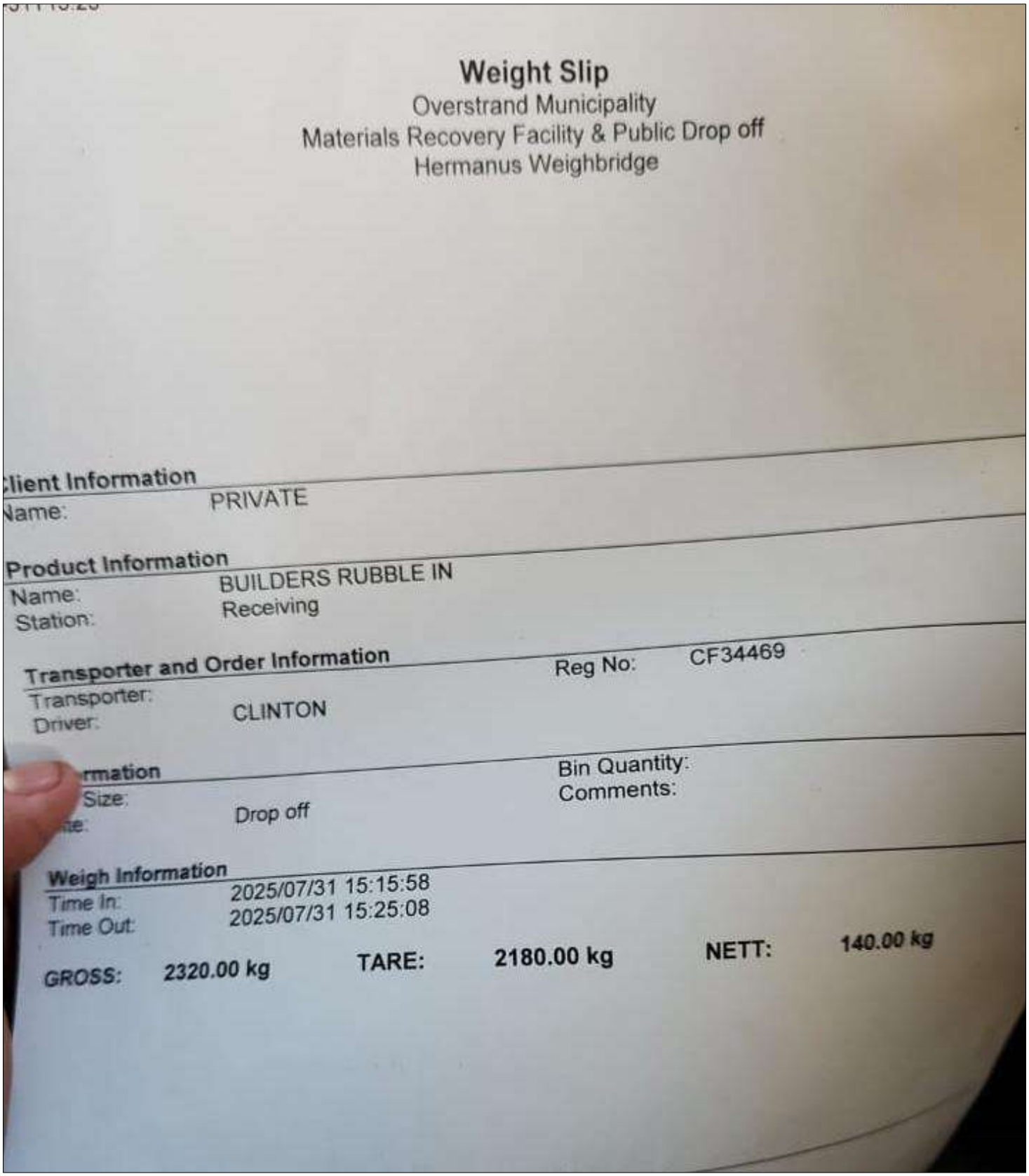
(b)



Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
 (c) **31-07-2025, 12:00 – Fire extinguishers at the smoking area at the site camp at T4/5 (a), and in the working areas at T4/5 (b) and HAV1 Repl. (c).**				
A Fire Officer (may be the ESO) is appointed by the Contractor to ensure immediate and appropriate actions in the event of a fire and to make employees aware of the fire procedure.	**Yes**	**No**	**N/A**	Correctly implemented.
The relevant authority is notified immediately when a fire starts, without waiting until it can no longer be controlled.	**Yes**	**No**	**N/A**	No fires have occurred at either site.
The Contractor has ensured that there is always suitable and sufficient firefighting equipment available onsite.	**Yes**	**No**	**N/A**	Correctly implemented at both sites.
The Contractor has submitted an EMS to the ECO covering the procedure to be followed in the event of a fire.	**Yes**	**No**	**N/A**	Correctly implemented.
Necessary materials and equipment for dealing with oil, fuel, and hazardous substance spills (spill kits) and leaks are always onsite and up to date as a pre-emptive fire protection method.	**Yes**	**No**	**N/A**	Correctly implemented. There is a spill kit in the container at the site camp at T4/5.
The storage of hazardous/flammable materials and substances complies with national, provincial, and local regulatory requirements.	**Yes**	**No**	**N/A**	Correctly implemented.
Hot works				
Any welding and/or hot work has been undertaken with the necessary safety equipment, i.e., welding screens with functional/serviced fire extinguishers onsite.	**Yes**	**No**	**N/A**	No hot works have been required at this stage.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Designated staff have undergone fire-safety training and are certified to operate fire extinguishers and put out fires safely and quickly.	Yes	No	N/A	Correctly implemented.
Solid Waste Management, Litter and Refuse				
The site is kept neat and clean, and littering is prohibited.	Yes	No	N/A	Correctly implemented at both sites.
Burying or dumping of waste materials, vegetation, litter, or refuse onsite is prohibited.	Yes	No	N/A	No waste has been buried or dumped at either site.
Lockable and weatherproof bins with lids are provided in sufficient number and capacity to store daily solid waste. Lids are kept firmly on the bins, and they are emptied regularly, at least once a week, to prevent overflow.	Yes	No	N/A	Correctly implemented. The Contractor has obtained lockable bins for both sites. They have been labelled “R” for recyclable waste and “G” for general waste. The bins at T4/5 are at the site camp in the common area and a bin has been provided for the at HAV1 Repl. All bins are latched to prevent animals accessing them. The Fencing Contractor at HAV1 Repl. is placing their waste into the Civils Contractors bins.
Waste from bins may be temporarily stored onsite in a central waste area that is weatherproof and scavenger proof (lockable), and which the ECO has approved.	Yes	No	N/A	No general waste is stored onsite. Waste bins are emptied when full.
Refuse is recycled wherever possible, with containers provided for glass, paper, metals, and plastics, and contents delivered to suitable recycling facilities when necessary.	Yes	No	N/A	Correctly implemented.
All construction waste or spoil material is recycled wherever possible, either onsite or taken back to the Contractor’s workshop for disposal, with disposal slips provided.	Yes	No	N/A	Correctly implemented.
All litter and refuse are disposed of offsite at an approved landfill site. The Contractor provides the ECO with a certificate of disposal and retains a copy in the Site file.	Yes	No	N/A	Correctly implemented. Waste disposal slips from the Civils Contractor are pinned to the board in the site office at T4/5.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)



Weight Slip
Overstrand Municipality
Materials Recovery Facility & Public Drop off
Hermanus Weighbridge

lient Information
Name: PRIVATE

Product Information
Name: BUILDERS RUBBLE IN
Station: Receiving

Transporter and Order Information
Transporter:
Driver: CLINTON
Reg No: CF34469

rmation
Size:
e: Drop off
Bin Quantity:
Comments:

Weigh Information
Time In: 2025/07/31 15:15:58
Time Out: 2025/07/31 15:25:08

GROSS: 2320.00 kg TARE: 2180.00 kg NETT: 140.00 kg

31-07-2025, 16:00 – Waste disposal slip for general waste disposal. Note: Photograph sent by the Contractor Foreman.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Contaminated Water Management				
Water containing pollutants such as cement, concrete, lime, chemicals, oils, and fuels is discharged into a conservancy tank for removal to a licensed disposal facility. A certificate of disposal is retained in the Site file. This applies to water from concrete batching plants and runoff from fuel storage, refuelling, or equipment washing areas.	**Yes**	**No**	**N/A**	Correctly implemented. No disposal of such has been completed yet.
No paint products, chemical additives, or cleaners (e.g., thinners and turpentine) or their wash water are disposed of onsite.	**Yes**	**No**	**N/A**	There are no paint products onsite.
The Contractor notifies the ECO immediately of any pollution incidents onsite and takes all reasonable measures to contain and minimize the effects of the pollution.	**Yes**	**No**	**N/A**	No pollution incidents have occurred.
Lights				
The Contractor ensures that onsite lighting does not cause avoidable disturbances to surrounding users and does not attract unwanted insects or animals. All installed lighting is energy-efficient where practical and is turned off when not in use.	**Yes**	**No**	**N/A**	No work will be occurring at night at either site.
Noise				
The Contractor limits noise levels (for example, by installing and maintaining silencers on plant equipment or using hay bales to lessen the noise).	**Yes**	**No**	**N/A**	Not required at this stage. Will be implemented if required.
Employees are provided with adequate PPE with respect to ear protection.	**Yes**	**No**	**N/A**	As above.
No amplified music or sound equipment is allowed onsite. Audio equipment may only be used at low volumes to remain unobtrusive. Sound amplification is permitted only in emergency situations	**Yes**	**No**	**N/A**	No music or sound equipment present onsite at either site.
Dust Management				
The Contractor takes all reasonable measures to minimise the generation of dust.	**Yes**	**No**	**N/A**	Not required at this stage due to wet weather conditions.
Stockpiles are kept in sheltered areas and managed in the following manner: Stockpile slopes are minimized to a natural angle of repose; stockpile sizes have been limited to a maximum height of 2 meters and stockpiles not in active use have been covered with shade cloth or geofabric.	**Yes**	**No**	**N/A**	At T4/5, subsoil stockpiles remain uncovered, but this is not currently an issue due to wet conditions and the clay-rich soil, which is unlikely to blow away. These stockpiles are being returned as backfill over the bedding material. Topsoil stockpiles, however, are still required to be covered with shade cloth. Not required at HAV1 Repl.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Dust suppression (wetting or other best practicable environmental option) is used in and around the Construction area, along haul roads, at stockpiles, and any additional area indicated by the EO/ECO.	Yes	No	N/A	Not required at this stage due to wet weather conditions.
Dowsing, with non-potable water (not including treated effluent or seawater, which may not be used for any activities), is implemented to reduce and control dust fallout.	Yes	No	N/A	As above.
Construction Personnel Information Posters				
Environmental information posters ("dos and don'ts") have been erected at eating areas and other common areas. Posters are maintained in good condition and replaced if damaged or illegible.	Yes	No	N/A	Correctly implemented. Environmental ("dos and don'ts") posters and emergency numbers have been displayed at the site camp at T4/5. The ECO has a small white board pinned up in the site office which is updated weekly with items to be addressed by the Contractor. This is to aid in communication between the ECO and the Contractor's team.
Emergency Procedures				
EMS procedures are in place for emergencies and are being followed.	Yes	No	N/A	No emergencies have occurred.
In the event of an emergency, the Overstrand Municipality's Emergency Call Centre has been contacted using the appropriate numbers. Emergency contact numbers, including the local firefighting service, are posted in the Contractor's office and near the onsite telephone, and are retained in the Site file	Yes	No	N/A	As above.
General Protections in Terms of the National Heritage Resources Act (25 of 1999)				
If any heritage resource is encountered, work is stopped immediately, and the Engineer and ECO are notified. In this case, the Engineer/ECO contacts the relevant Heritage Authority, and work proceeds only upon their approval.	Yes	No	N/A	No heritage resources have been discovered.
A copy of the Record of Decision issued by Heritage Authorities is kept onsite, and The Contractor complies with the heritage management specifics outlined in the EMPr.	Yes	No	N/A	As above.
Protection of Natural Features				
The Contractor does not deface, paint, damage or mark any natural features situated in or around the site for survey or other purposes, unless agreed beforehand with the Engineer, ECO and Landowner.	Yes	No	N/A	Correctly implemented.
Any features affected by the Contractor in shall be restored/rehabilitated to the satisfaction of the ECO and Landowner.	Yes	No	N/A	No features have been affected.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Protection of Flora and Fauna				
Vegetation and flora are not removed, damaged, or disturbed except as necessary for the works, as specified by the ECO.	**Yes**	**No**	**N/A**	Correctly implemented. Note: Beginning March 2025, during the overhead cable installation at T4/5, all vegetation beneath the cable was brush-cut and improperly treated. The area will be monitored until the alien vegetation can be correctly identified and treated with an appropriate herbicide for proper removal. It is noted that the vegetation has grown back and can be positively identified for proper removal. The Contractor will complete this in due course.
A Specialist has identified natural vegetation or rare/endangered flora to be preserved. The Contractor has demarcated these areas as "no-go areas" to protect the flora. Necessary measures have been taken to ensure the protection of identified flora.	**Yes**	**No**	**N/A**	Search and Rescue was completed by a Specialist for the pipeline route at T4/5 on 25-02-2025 and 08-05-2025. Not required at HAV1 Repl.
Equipment has not been driven across natural vegetation, where possible. Areas of needless vegetation destruction have been reinstated to the standard specified by the ECO.	**Yes**	**No**	**N/A**	Correctly implemented.
Trapping, poisoning, shooting, or hunting of animals, including collecting carcasses, is strictly prohibited. No domestic pets or livestock are permitted onsite, and Site staff are prohibited from keeping pets. Measures are in place to keep domestic and native animals from surrounding Landowners safe from unprotected Works.	**Yes**	**No**	**N/A**	No hunting has occurred.
Clearing of Vegetation				
Vegetation clearance is strictly limited to what is required for construction activities. A qualified Botanical Specialist has been appointed to identify and oversee the removal, rescue, and relocation of Species of Conservation Concern (SOCC).	**Yes**	**No**	**N/A**	Search and Rescue has been completed by a Specialist for the pipeline route at T4/5. See above. Not required at HAV1 Repl.
Vegetation clearance has been approved by the Botanical Specialist, in line with the approved EMPr. vegetation clearance is restricted to the exploration camp, approved access routes, and areas where vegetation interferes with construction activities. No undue or unnecessary vegetation removal has occurred.	**Yes**	**No**	**N/A**	Correctly implemented.
Approved vegetation clearance is undertaken by hand using handheld implements, cutting vegetation at ground level without uprooting. Root structures are not removed or tampered with, and roots are left intact and in situ as far as reasonably possible.	**Yes**	**No**	**N/A**	Correctly implemented by a Specialist for the pipeline route at T4/5. Remaining vegetation is to be included in the topsoil stockpiles as per the request of the Specialist. Not required at HAV1 Repl.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
No tracked or wheeled mechanised equipment is used for vegetation clearance.	Yes	No	N/A	As above.
Vegetation clearance is conducted in phases to reduce erosion and water pollution. Clearing operations are scheduled to minimise the exposure time of cleared areas before construction starts. Cleared areas are stabilised as soon as possible where necessary.	Yes	No	N/A	As above.
Site clearance activities cease immediately upon encountering fauna. Fauna is safely relocated before activities resume.	Yes	No	N/A	As above.
Vegetation is disposed of at an approved disposal site. Burying or burning of vegetation is strictly prohibited. Cut vegetation is to be disposed of at a licensed landfill facility with slips provided to the ECO.	Yes	No	N/A	No further vegetation disposal has occurred.
Riparian and Instream Habitat				
No construction activities occur within riparian or wetland habitats.	Yes	No	N/A	Correctly implemented.
Topsoil Management				
Topsoil (up to 300 mm deep, or to bedrock if shallower) and root material from cleared vegetation are stripped for rehabilitation and revegetation. Stripping is done according to the specified depth.	Yes	No	N/A	Correctly implemented. Topsoil has been cleared along the entire length of the pipeline to avoid compaction from excavators and timeline delays. Note: All line items under this section are applicable to T4/5 only and not HAV1 Repl., as no topsoil will be cleared at HAV1 Repl.
Topsoil is stripped from all areas subject to compaction, as per environmental specifications and ECO direction. Topsoil from different areas is stockpiled separately and returned to its original location, as well as stored separately from subsoil.	Yes	No	N/A	All required topsoil along the pipeline route has been cleared.
Topsoil is covered with shade cloth or geofabric to prevent desiccation.	Yes	No	N/A	Partial compliance. Some topsoil stockpiles are no longer sufficiently covered with netting. The Contractor was requested to recover the topsoil stockpiles as per the photograph below.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
 **31-07-2025, 12:00 – Example photograph of topsoil stockpiles no longer sufficiently covered with netting along the pipeline route.**				
Stockpiles are placed on previously disturbed areas or areas with minimal environmental impact. Stockpiles do not exceed 2 m in height and maintain a natural angle of repose.	Yes	No	N/A	Subsoil stockpiles have been placed outside of the demarcated area on top of vegetation. The Contractor was requested to seek advice from the Rehabilitation Specialist on how to remove the soil without damaging the underlying vegetation. This is outstanding since the 05-06-2025. The Contractor has been instructed by the Rehabilitation Specialist to remove the subsoil by hand to prevent damage to vegetation and topsoil. It was noted during the inspection in the 18-07-2025 that one small section of subsoil had been replaced by the Contractor about 100 m from the borehole. There was no change noted during the inspection on the 31-07-2025.
Erosion control measures (e.g., bund walls) are in place to prevent stockpile erosion and compaction. Stockpiles do not obstruct water flow or cause water damming.	Yes	No	N/A	Partial compliance for some topsoil stockpiles. See above. Subsoil and bedding stockpiles have not been covered with shade cloth but this is not an issue due to the current wet conditions, as well as being largely clay based and unlikely to blow away.
Topsoil and subsoil are stockpiled separately and reinstated in reverse order. Topsoil is only handled during removal and reinstatement. Replaced soil is compacted and levelled with adjacent areas, especially near watercourses.	Yes	No	N/A	Correctly implemented. Topsoil will be reinstated by the Rehabilitation Contractor once the pipeline has been completed.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Erosion and Sedimentation Control				
Any erosion or sedimentation on or off-site has been identified and reported. Rectification measures, as specified by the ECO, have been implemented.	**Yes**	**No**	**N/A**	Erosion is occurring along the access road to both HAV1 Repl. and T4/5 and will be addressed if and when necessary. See section “Access Routes/Haul Roads” above.
Any tunnels or erosion channels have been backfilled, compacted, and restored.	**Yes**	**No**	**N/A**	The existing trench, adjacent to which the pipeline will be laid, is already existing on the property and will be reinstated to its state prior to works following the installation of the pipeline at T4/5. This has not yet begun.
Cleared areas have been stabilised to prevent erosion, as per ECO’s guidance.	**Yes**	**No**	**N/A**	Not required at this stage.
Earthworks Management				
Excavated trenches are demarcated and fenced off as “no-go” areas when no Construction activity is underway. Trenches and excavations are backfilled as soon as possible, ideally during pipeline/cabling laydown.	**Yes**	**No**	**N/A**	Partial compliance at T4/5. Some sections of the barrier tape have come loose along the pipeline route. The Contractor was requested to reinstate these. See photographs in section “Site Division, Demarcation and “No-Go” Areas” above. Note: All line items under this section are applicable to T4/5 only and not HAV1 Repl., as no further earthworks are required at HAV1 Repl.
Open trenches are inspected daily for trapped animals, and any found are safely relocated. Excavation in watercourses/wetlands occurs only in the dry season and is avoided during predicted heavy rains.	**Yes**	**No**	**N/A**	Correctly implemented. All trenches are inspected daily for fauna which may be trapped, and none have been found to date. Note: The existing trench, adjacent to which the pipeline will be laid, is already existing on the property and will be reinstated to its state prior to works following the installation of the pipeline at T4/5.
Soils are appropriately compacted according to the natural soil characteristics of the area to preserve future surface and subsurface drainage through the previously trenched areas.	**Yes**	**No**	**N/A**	Correctly implemented. Trenches are backfilled with original subsoil and local bedding material.
Stockpiles are kept free of weeds throughout construction. Stockpiles are not placed within the 1:20 flood line, within 50 m of wetlands/watercourses, or outside designated areas in construction diagrams.	**Yes**	**No**	**N/A**	Subsoil stockpiles have been placed outside of the demarcated area at T4/5. See section “Topsoil Management” above.
Only backfill material from an approved, alien-free source is used. Backfill is free of foreign matter such as litter, waste, vegetation, and seed stock.	**Yes**	**No**	**N/A**	Trenches are backfilled with original subsoil material and clean bedding has been sourced from a local company.
Changes in natural gradients due to Construction activities are avoided where possible or mitigated by levelling the slope to the original gradient during rehabilitation.	**Yes**	**No**	**N/A**	The existing trench, adjacent to which the pipeline will be laid, is already existing on the property and will be reinstated to its original state prior to works following the installation of the pipeline at T4/5.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Trenching				
Trenching for services shall be undertaken in accordance with the engineering specifications with the following environmental amplifications.	**Yes**	**No**	**N/A**	Correctly implemented.
A buffer zone must be implemented for each wetland/watercourse and construction within the buffer zone must be restricted to the trench line and working side of the trench.	**Yes**	**No**	**N/A**	Trenching will not occur adjacent or next to a wetland and/or watercourse.
Soil shall be excavated and used for refilling trenches i.e., soil from the first trench shall be excavated and stockpiled, thereafter soil from the second excavated trench length shall be used to backfill the trench behind it once the services have been laid. The last trench shall be filled using the soil stockpiled from the first trench.	**Yes**	**No**	**N/A**	The majority of the trench at T4/5 has been backfilled with only small sections open for the installation of breather manholes.
 **31-07-2025, 12:00 – Example of a breather manhole along the trench which is still to be backfilled and the manhole ring installed.**				
Trench lengths shall be kept as short as practically possible before backfilling and compacting.	**Yes**	**No**	**N/A**	The majority of the trench at T4/5 has been backfilled with only small sections open for the installation of breather manholes.
Trenches shall be re-filled to the same level as (or slightly higher to allow for settlement) the surrounding land surface to minimise erosion.	**Yes**	**No**	**N/A**	The existing trench, adjacent to which the pipeline will be laid, is already existing on the property and will be reinstated to its original state prior to works following the installation of the pipeline at T4/5.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Protection of Watercourses, Waterbodies and Wetlands				
The Contractor ensures that all watercourses and waterbodies are protected from contamination or degradation as a result of their activities, including protection from direct or indirect spills of pollutants.	**Yes**	**No**	**N/A**	No watercourses and/or waterbodies have been contaminated or degraded. It is expected that stormwater (or rainwater runoff) will be heavily silted after flowing through the construction area, however, a Freshwater Specialist is monitoring downslope ecosystems for potential impacts.
In the event of a spill, prompt action (as planned and approved in the Emergency Plan Method Statement) is taken to clear the polluted or affected areas, and the Engineer and ECO has been notified immediately.	**Yes**	**No**	**N/A**	Correctly implemented.
No activities occur within wetland areas unless necessary, with approval from the Engineer and ECO.	**Yes**	**No**	**N/A**	Correctly implemented.
Stormwater, Runoff Management and General Water Management				
No stormwater containing waste, or water containing waste emanating from Construction activities is discharged into a watercourse or waterbody.	**Yes**	**No**	**N/A**	Correctly implemented. The Contractor has closed the majority of the trench. Once the farmer's trench is reinstated, the original stormwater design will be reinstated. Stormwater is currently not being diverted but is allowed to seep into the soil where the trench has been backfilled. Stormwater management is not required within the site area at HAV1 Repl., however, erosion is still looked out for.



(a)

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
 **(b) 31-07-2025, 12:00 – Stormwater seeping into the backfilled trench.**				
Uncontaminated water is removed from the site by allowing it to seep back into the soil around the site.	**Yes**	**No**	**N/A**	As above.
Suitable control of runoff is ensured during the Construction phase to prevent erosion of topsoil on stockpiles and adjacent land and undeveloped portions of the site. Erosion is monitored, and mitigation measures are implemented including, but not limited to, utilisation of sandbags and berms to prevent water from engrossing on sensitive ecosystems and to focus drainage into soft sands around the site.	**Yes**	**No**	**N/A**	Correctly implemented. There is currently one section of runoff which is flowing next to the footpath and into the trench. The flow of water was impeding construction and has been diverted into the trench, see above. There has been no erosion observed thus far (with the exception of the access roads). Construction runoff is being allowed to flow through the trench and seep back into the backfilled soil. See photographs above.
Clean water and dirty water systems are managed independently and be kept separately.	**Yes**	**No**	**N/A**	Not required at this stage as there are no construction materials present in the water from the trench. Sediments coming from the trench stormwater are considered clean in situ material (soluble soils and clays in solution). Thus the water is considered to be clean.
Erosion and stormwater management measures, such as berms, silt fences, and/or hessian curtains, have been implemented to prevent sedimentation of freshwater features and divert stormwater away from erosion-prone areas. Erosion control measures are being monitored regularly throughout the construction phase to ensure effectiveness.	**Yes**	**No**	**N/A**	The Contractor has been requested to put erosion and stormwater management measures in place as the wet season has started, and erosion is being monitored. Stormwater is currently not being diverted but is allowed to seep into the soil where the trench has been backfilled.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Stormwater is directed towards stabilised areas to dissipate the energy of water flow. No ponding of stormwater is occurring on the site. Stormwater is confined to a dedicated stormwater channel on the Site. Stormwater from bunded areas is collected in a suitable container for proper disposal off-site.	Yes	No	N/A	Stormwater is currently not being diverted but is allowed to seep into the soil where the trench has been backfilled. There are currently no bunded areas onsite.
Increased runoff from vegetation clearance and/or soil compaction is being managed to prevent erosion and silt entry into streams.	Yes	No	N/A	Stormwater is currently not being diverted but is allowed to seep into the soil where the trench has been backfilled.
Temporary Site Closure				
In the event of temporary site closure (for a period exceeding one week), the Contractor's ESO shall carry out checks and report on compliance to the ECO.	Yes	No	N/A	Neither site is currently temporarily closed.
Fire extinguishers are serviced and accessible.	Yes	No	N/A	As above.
There is adequate ventilation in enclosed spaces.	Yes	No	N/A	As above.
All hazardous substance stores are securely locked.	Yes	No	N/A	As above.
Fencing and barriers are in place.	Yes	No	N/A	As above.
Emergency and management contact details are prominently displayed and available.	Yes	No	N/A	As above.
Wind and dust mitigation measures e.g., straw, brush packs, irrigation, etc. are in place.	Yes	No	N/A	As above.
Excavated and filled slopes and stockpiles are at a stable angle and capable of accommodating normal expected water flows.	Yes	No	N/A	As above.
There are sufficient detention ponds or channels in place.	Yes	No	N/A	As above.
Cement and materials stores are secured.	Yes	No	N/A	As above.
Toilets are empty, secured, and lockable.	Yes	No	N/A	As above.
Central waste area and all refuse bins are empty and secured.	Yes	No	N/A	As above.
Contaminated water conservancy tank empty.	Yes	No	N/A	As above.
Any bunded areas are clean and treated with an approved product where applicable (e.g., Spill Sorb or Enretech #1 Powder or equivalent).	Yes	No	N/A	As above.
Drip trays are empty and secure.	Yes	No	N/A	As above.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Excavations should not be left open during temporary closures. If an excavation must remain open during temporary closure, then someone must check the excavation on a regular basis for the presence of animals and for the need to de-water (especially after rainfall).	**Yes**	**No**	**N/A**	As above.
Demolition and Removal of Structures				
The Contractor demolishes and removes from site everything not forming part of the Permanent Works, prior to landscaping and rehabilitation.	**Yes**	**No**	**N/A**	Work is ongoing. Not required at this stage.
All material generated from the demolition and removal of structures from site are appropriately disposed of if not reused. All incidental excavations are refilled and adequately compacted and rehabilitated.	**Yes**	**No**	**N/A**	As above.

The responsible personnel shall identify the root cause of Non-Compliance found and adopt the appropriate Corrective and Preventive Actions for mitigation measures. Confirmation of the effectiveness of the Corrective and Preventive Actions shall be verified by the ECO and approved by the Overstrand Municipality within an agreed time.



(Environmental Control Officer: Melissa Weeks)

Date: 31-07-2025

ENVIRONMENTAL SITE INSPECTION

Revision 1

Project and Site Information			
Date	08-08-2025	**Site Location**	HAV1 Repl.: -34.398490°; 19.209445° T4/5: -34.375420°; 19.246203°
Time	10:00	**Site Owner**	HAV1 Repl.: Overstrand Municipality T4/5: Bouchard Finlayson Winery
Project Title	972 – Hemel en Aarde Expansion	**Inspected By**	ECO Melissa Weeks
Contract	SC2504_2024 Civil, Mechanical & Electrical	**Stage / Status during Inspection**	HAV1 Repl.: Installation of the perimeter fence is complete. T4/5: Test pumping underway. The pipeline has been installed; however, backfilling for breather manholes still underway. Note: The site camp at T4/5 will serve for both it and HAV1 Repl.
Corresponding Method Statement	Environmental Method Statement: Supply and Install Mechanical, Electrical and Civil Borehole Hermanus	**Environmental Method Statement Date**	17-02-2025

Summary of Non-Compliance Issues				
Site / Area	**Aspect**	**Date Identified**	**Date Corrected**	**Action Taken**
T4/5	The drip tray beneath the excavator onsite is broken and needs to be replaced.	14-03-2025	03-04-2025	The Contractor was requested to obtain a new drip tray.
	The excavator arm is leaking oil, which is currently dripping onto the excavator itself rather than the ground. However, the ground beneath is not protected by a drip tray, creating a risk of contamination if the oil starts to drip further.	14-03-2025	03-04-2025	Although no oil has spilled onto the ground yet, the Contractor was instructed to place a drip tray beneath the arm as a precaution and to either repair the leak or remove the excavator from the site. On the 20-03-2025 it was noted by the ECO that a drip tray has been placed below the dripping arm of the excavator. On the 27-03-2025 it was noted that a cloth was used to temporarily stop the dripping of oil from the excavator.
HAV1 Repl. & T4/5	There are no bins onsite.	14-03-2025	25-04-2025	The Contractor was requested to obtain bins for general, hazardous and recycling waste.
T4/5	There are no environmental (“dos and don’ts”) posters/signs on display at the site camp.	14-03-2025	27-03-2025	The Contractor was requested to display an environmental awareness poster.

Summary of Non-Compliance Issues				
Site / Area	**Aspect**	**Date Identified**	**Date Corrected**	**Action Taken**
HAV1 Repl.	There is no smoking area defined onsite.	20-03-2025	27-03-2025	The Contractor was requested to set up a smoking area with a nearby fire extinguisher.
	Partial Compliance. There is no defined eating area for staff onsite.	20-03-2025	10-04-2025	The Contractor was requested to define an eating area onsite.
	Partial Compliance. The toilet is latched from the outside to prevent animals from entering but is not secured to prevent toppling.	20-03-2025	03-04-2025	The Contractor was requested to secure the toilet to the ground.
	There were no fire extinguishers onsite.	20-03-2025	27-03-2025	The Contractor was requested to take a fire extinguisher from the site camp to HAV1 Repl. every time they are working onsite.
HAV1 Repl. & T4/5	The working area at HAV1 Repl. has been demarcated with danger tape, but T4/5 has not been.	27-03-2025	03-04-2025	The Contractor was requested to demarcate the working area using temporary fencing.
	Disposal of both general waste and brush-cut alien vegetation has been completed. The Contractor reported that no disposal slips were issued by the municipal facilities.	03-04-2024	08-04-2025	The ECO visited the municipal facility to enquire about proof of disposal for the alien vegetation. Staff explained that they do not typically provide official stamps or signatures. However, a logbook of incoming vehicle registration plates is maintained. The ECO has requested that, if permitted, the Contractor take a photo of the logbook showing their vehicle's entry. The general waste facility does issue disposal slips when vehicles go over the weighbridge. If not, staff are usually willing to sign a slip provided by the Contractor. On 08-04-2025 the Contractor confirmed that they had attempted to obtain a disposal slip for the waste that had already been offloaded. However, the facility would not issue a slip retrospectively. Going forward, the Contractor has been instructed to use the weighbridge to ensure proper disposal documentation is provided.
HAV1 Repl.	An oily fuel drum has been used for staff to store their lunch bags. It is unclear whether the oil was present beneath the bags during the inspection on 10-04-2025.	17-04-2025	24-04-2025	The Contractor was requested to immediately remove the oily drum from site and place it in the container at site camp.
	Partial Compliance. Two small cement spills have been observed at HAV1 Repl.	17-04-2025	22-04-2025	The Contractor was requested to pick these up and place them with the excess rubble that is stored on a plastic sheet adjacent to the pumphouse for disposal.

Summary of Non-Compliance Issues				
Site / Area	**Aspect**	**Date Identified**	**Date Corrected**	**Action Taken**
	A small amount of litter was seen around the site area.	29-04-2025	29-04-2025	The Contractor immediately cleaned up the litter.
Site Camp	Partial Compliance. The Contractor does not have a copy of the MSDS for Bricure (cement sealant) onsite.	08-05-2025	29-05-2025	The Contractor was requested to obtain a copy of this MSDS for the site file. The ECO tried finding this online but was unsuccessful.
HAV1 Repl.	Partial Compliance. A section of the barrier fence around the site has blown over.	19-05-2025	05-06-2025	The Contractor was requested to reinstate the barrier fence. Note: on the 29-05-2025 a section of the barrier fence has been removed. The Contractor was requested to reinstate the barrier fence.
	Partial Compliance. The toilet onsite is secured to the ground but not latched.	19-05-2025	29-05-2025	The Contractor was requested to ensure that the toilets onsite are always latched closed to prevent animals from entering.
T4/5	The Contractor has separated the topsoil from the subsoil but has not demarcated the topsoil.	19-05-2025	29-05-2025	The Contractor was requested to cover topsoil with netting to ensure it is kept separate from subsoil and not mistakenly used as such.
	Partial Compliance. Topsoil has not yet been cleared along the pipeline route in some areas where the excavators are operating. If not removed promptly, it is at risk of becoming compacted.	19-05-2025	29-05-2025	The Contractor was instructed to remove the topsoil along the excavator route before excavation work continues.
	Topsoil stockpiles have not been covered with netting.	19-05-2025	30-06-2025	The ECO requested netting be placed over topsoil stockpiles for demarcation and to prevent erosion. 05-06-2025: Majority of the topsoil stockpiles have been covered with shade cloth, but not all.
	Some sections of the barrier tape have been buried by subsoil stockpiles which have been placed outside of the demarcated area.	29-05-2025	13-06-2025	The Contractor was requested to reinstate the danger tape.
	One generator onsite was correctly placed inside a drip tray, while the other was not. Additionally, the crane truck did not have any drip trays beneath it.	29-05-2025	05-06-2025	The Contractor was instructed to ensure that all generators are placed inside drip trays and not directly on the ground, and that all vehicles have appropriate drip trays positioned underneath them.
	Subsoil stockpiles have been placed outside of the demarcated area on top of vegetation.	05-06-2025	08-08-2025	The Contractor was requested to seek advice from the Rehabilitation Specialist on how to remove the soil without damaging the underlying vegetation. Note: The Contractor has been instructed by the Rehabilitation Specialist to remove the subsoil by hand to prevent damage to vegetation and topsoil.

Summary of Non-Compliance Issues				
Site / Area	**Aspect**	**Date Identified**	**Date Corrected**	**Action Taken**
	The majority of the trench remains open due to time constraints and the approaching rainy season, which has made it difficult for the Contractor to complete trenching and backfilling in smaller sections as outlined in the EMS.	05-06-2025	03-07-2025	The Contractor is making a consistent effort to comply with all other EMS conditions and continue work responsibly under the circumstances.
	The large excavator onsite is leaking oil from underneath onto a plastic sheet. This is a new leak and unrelated to the leak identified on 14-03-2025. No evidence of spills beneath the sheet are evident.	13-06-2025	03-07-2025	The Contractor was requested to repair the excavator or remove it from site. 19-06-2025: A small amount of oil dripped outside of the plastic area onto the ground despite the excavator being repaired. The small spill was immediately picked up. The Contractor was requested to repair the excavator again. 26-06-2025: A small oil spill occurred beneath the excavator due to leftover oil from recent repairs and the absence of a drip tray. The Contractor was instructed to clean the machine and carry out further repairs to identify and stop the leak.
	Partial Compliance. A small amount of cement spilled outside the shuttering.	13-06-2025	19-05-2025	The Contractor was requested to wait for the cement to dry and then pick it up and dispose of it as rubble.
Site Camp	The Electrical Contractor was to be inducted by the primary Contractor ahead of the installation of the electrical boxes. When the Contractor was asked to provide the ECO with an induction register, none could be provided.	03-07-2025	11-07-2025	The Contractor was requested to induct the Electrical Contractor and provide the ECO with a copy of the attendance register.
T4/5	Partial Compliance. The plastic beneath the small excavator had blown out from beneath the machine. The large excavator had drip trays beneath it, however, they were full of rainwater.	03-07-2025	11-07-2025	The Contractor was not onsite at the time of the inspection but was requested to rectify.
HAV1 Repl.	Partial Compliance. The security guard is smoking inside the hut, however, the cigarette buds are not being placed into the provided bin but rather on the ground outside the hut.	11-07-2025	18-07-2025	The security guard was requested to pick up the buds and place them in the bin.
T4/5	The large excavator onsite is leaking oil into a drip tray.	18-07-2025	31-07-2025	The Contractor was requested to fix the excavator or remove it from site.

Summary of Non-Compliance Issues				
Site / Area	**Aspect**	**Date Identified**	**Date Corrected**	**Action Taken**
	Some sections of barrier fencing are broken along the trench working area.	18-07-2025	08-08-2025	The Contractor was requested to reinstate the fencing.
	The TLB onsite was observed driving inside of the “no-go” area to dump material for backfilling. Fortunately, the ECO observed this on the first load of material and the vegetation was left slightly trampled but not damaged.	25-07-2025	31-07-2025	The TLB driver was instructed to only drive within the working area.
	Partial Compliance. Some topsoil stockpiles are no longer sufficiently covered with netting.	25-07-2025	Pending	The Contractor was requested to re-cover the topsoil stockpiles.
HAV1 Repl.	Partial Compliance. The Fencing Contractor did not have a drip tray beneath the generator onsite, only some wooden boards.	31-07-2025	Pending	The Contractor was requested to obtain a drip tray. 08-08-2025: This item will remain open as the Fencing Contractor will return to T4/5 to install a fence.
	The Contractor was mixing cement for the fence post foundations inside a wheelbarrow but with no mitigation measures beneath.	31-07-2025	Pending	The Contractor was requested to mix cement with plastic beneath the mixing area to prevent spillage. 08-08-2025: This item will remain open as the Fencing Contractor will return to T4/5 to install a fence.
	A large amount of litter was observed around the site area.	08-08-2025	Pending	The Contractor was requested to remove the litter.
	Minor cement spills were observed around the foundations of the fence posts.	08-08-2025	Pending	The Contractor was requested to pick up the cement which has spilled outside the foundations.
	The waste bin onsite is overflowing and not secured to prevent animals from accessing it.	08-08-2025	Pending	The Contractor was requested to empty the bin and secure it to prevent animals from accessing it.
T4/5	The Contractor did not have a drip tray beneath an oil container and two jerry cans of fuel.	08-08-2025	Pending	The Contractor was requested to ensure that all hazardous chemicals were stored on drip trays onsite.
	The Contractor was seen mixing cement on the bare ground with no plastic or boards beneath. The cement is highly alkaline and without proper remediation no plants will grow back in the area following rehabilitation.	08-08-2025	08-08-2025	The Contractor was instructed to immediately dig up the area where the cement was being mixed. The spoil was to be used as backfill for the breather manholes, followed by subsoil to prevent contamination with topsoil.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
General				
Is the overall appearance of the site visually acceptable and tidy?	**Yes**	**No**	**N/A**	Correctly implemented at HAV1 Repl. and T4/5.



(a)



(b)

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
 (c) **08-08-2025, 10:00 – A perimeter fence has been installed at HAV1 Repl. (a). The final connections to the pump house have been completed and test pumping is underway at T4/5 (b). Foundations for the breather manholes are being laid along the pipeline route (c).**				
A copy of the EMS will always be available onsite in the site file.	**Yes**	**No**	**N/A**	A copy of the EMS, the BAR and the EA are available in the site file.
Environmental Awareness Training				
The Contractor ensures that all employees, and those of their Sub-Contractor, attend an Environmental Awareness Training Course (EATC), conducted by the ECO. The training will cover key environmental features of the working area, its surroundings, and the environmental controls outlined in this specification.	**Yes**	**No**	**N/A**	An EATC was given to staff on the 24-02-2025 at the Contractor's offices. Further training has been given by the ECO to local labour and/or Subcontractors onsite on the 20-03-2025, 03-04-2025, 12-05-2025, 19-05-2025, 29-05-2025, 03-07-2025, 18-07-2025, 25-07-2025, and the 31-07-2025.
The initial EATC shall be held within 28 days from the Commencement Date, and subsequent courses shall be arranged for new employees coming onto Site after the initial training course. Provision shall also be made for refresher courses to be undertaken on a quarterly basis during the Contract	**Yes**	**No**	**N/A**	Correctly implemented.
The Contractor provides proof of attendance by all their employees in the form of a signed attendance register for each session. All environmental training registers are kept on file.	**Yes**	**No**	**N/A**	Correctly implemented.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Site Division, Demarcation and "No-Go" Areas				
The location, layout and establishment of the Contractors camp shall be approved by the ECO prior to the start of establishment.	**Yes**	**No**	**N/A**	Correctly implemented at both sites.
The Contractor restricts all their activities, materials, plant equipment and personnel to within the Site or any working areas specified or indicated on the drawings.	**Yes**	**No**	**N/A**	Correctly implemented at both sites.
Permanent and/or temporary fences have been erected and maintained in the locations specified in the Scope of Work or drawings, and, if specified, before the commencement of any construction activities.	**Yes**	**No**	**N/A**	A permanent fence has being erected at HAV1 Repl. See photograph in section "General" above. At T4/5, the Contractor has not reinstated the boundary tape along the upslope boundary of the trench line as they are in the process of removing the excess subsoil from beyond the boundary of the originally demarcated area. The boundary fence will not be reinstated as the Civils Contractor is currently moving offsite.
Where environmentally sensitive areas are specified as "no-go" areas, no person, plant, equipment, or material shall enter these areas at any time, in accordance with the Contractor's authority.	**Yes**	**No**	**N/A**	No staff or machinery have been observed outside of the working area at both sites.
Access Routes/Haul Roads				
The Contractor controls the movement of all vehicles and construction equipment, including those of suppliers and subcontractors, ensuring they remain on designated routes and are distributed to prevent undue traffic concentration. All vehicle and equipment movement complies with relevant laws. The movement of such vehicles and construction equipment is planned and operated to minimise disruption to regular users of the routes.	**Yes**	**No**	**N/A**	Correctly implemented.
As far as possible the Contractor uses existing access and haul routes.	**Yes**	**No**	**N/A**	Correctly implemented.
Any damage to existing access roads caused by construction activities has been repaired to the satisfaction of the Engineer using material similar to the original. The cost of repairs has been covered by the Contractor.	**Yes**	**No**	**N/A**	The road leading to HAV1 Repl. is slowly being damaged by erosion, which happens regularly in this area. The Contractor will repair the road should it be deemed necessary for access. Not required at T4/5.
No new access roads or tracks have been constructed without the Landowner's consent.	**Yes**	**No**	**N/A**	Correctly implemented. No new access roads have been required.
Where new routes are required to gain site access, prior approval from the Engineer and ECO have been obtained. New access routes disturb the smallest possible area, avoid all "no-go" areas, and follow natural contours where possible.	**Yes**	**No**	**N/A**	No new routes are required at this stage.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Vehicle trips have been kept to a minimum to reduce vegetation damage, and all equipment has remained on the demarcated access route.	Yes	No	N/A	No staff or machinery have been observed outside of the working area at both sites.
All directional signage for vehicle and equipment movement required by the Contractor, their Subcontractors or Suppliers is of an approved design and located as approved by the Engineer.	Yes	No	N/A	No directional signage is currently required.
Eating Areas				
The Contractor has designated eating areas within the approved camp.	Yes	No	N/A	Correctly implemented at the site camp at T4/5. The eating area at HAV1 Repl. has been removed as the Contractor is not onsite for long periods of time.
The feeding of, or leaving of food for, animals is strictly prohibited.	Yes	No	N/A	No food is left out for animals.
Sufficient bins are provided in specified areas, and lockable bins are used where required to prevent animal access (especially baboons).	Yes	No	N/A	Correctly implemented at T4/5. Non-compliant at HAV1 Repl. See section “Solid Waste Management, Litter and Refuse”.
Any cooking onsite is done on well-maintained gas cookers with valid fire extinguishers present. No open fires for cooking purposes are permitted under any circumstances.	Yes	No	N/A	No cooking is being done onsite.
Materials Handling, Use and Storage				
The Contractor shall ensure that any delivery drivers and visitors to site are informed of all procedures and restrictions. A visitor’s register has been kept on file.	Yes	No	N/A	Correctly implemented.
Materials shall be appropriately secured to ensure safe passage between destinations. Loads, will be secured appropriately to prevent them spilling from the vehicle during transit.	Yes	No	N/A	Correctly implemented.
The Contractor shall be responsible for any clean up resulting from the failure by their Employees or Suppliers to properly secure transported materials.	Yes	No	N/A	No clean-up has been required.
All manufactured and/or imported materials shall, where reasonably possible, be stored within the Contractor's camp and, if so required by the Engineer/ECO, out of the rain.	Yes	No	N/A	Correctly implemented. A stockpile of bedding material which was at the entrance to the farm has been moved to the far end of the trench along the side of the road (the Hemel en Aarde Road). Further building material has been stored in the containers and in a fenced off area next to the Contractors site camp. No materials are being stored at HAV1 Repl.

(a)



(b)



Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
 (c) **08-08-2025, 10:00 – Bedding material has been stored along the road at the far end of the trench (a), with further material being stored in cornered off areas at the site camp (b) and (c).**				
The location and method of protection of such materials stored outside of the Contractor's camp and the method of rehabilitation of these areas, shall be subject to the Engineer/ECO's approval. Stockpile areas shall be approved by the Engineer/ECO before any stockpiling commences.	**Yes**	**No**	**N/A**	Correctly implemented.
Handling, Use and Storage of Hazardous Substances				
Surfaces where hydrocarbon spills may occur are adequately prepared to prevent pollution.	**Yes**	**No**	**N/A**	Correctly implemented.
The ECO has been informed of all hazardous substances stored onsite, and MSDSs have been provided.	**Yes**	**No**	**N/A**	MSDSs for petrol, diesel, cement, and Bricure are available in the site file.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Hazardous substances are stored in an appropriate area, in leak proof containers which are correctly labelled. Bunding the area will be required if necessary, as per the ECO.	Yes	No	N/A	An oil container and two jerrycans with fuel were seen in the working area at T4/5 which were not in drip trays nor had mitigation measures in place to protect the ground beneath them in case of a spill and/or leak. There are no hazardous chemicals at HAV1 Repl.

(a)



(b)



08-08-2025, 10:00 – An oil can (a) and two jerrycans (b) were seen without mitigation measures in place beneath them in the site area at T4/5.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Spills are immediately contained, the source is isolated, and the spillage is removed. Cleanup is conducted by applying absorbent material or by removing contaminated soil.	Yes	No	N/A	See section “Cement and Concrete Batching” below.
Treatment or remediation of the spill is done to the satisfaction of the ECO, with waste disposed of at a licensed facility and disposal slips provided to the ECO.	Yes	No	N/A	Correctly implemented, the Contractor remediated the area to the satisfaction of the ECO. See section “Cement and Concrete Batching” below.
Hydrocarbon Management (Fuels, Oils and lubricants)				
Hydrocarbon storage area is located where it does not pose a risk to sensitive ecosystems and or traffic and staff safety.	Yes	No	N/A	Non-compliant at T4/5. See section “Handling, Use and Storage of Hazardous Substances” above. There is no machinery or equipment at HAV1 Repl.
Surfaces, where the possibility of hydrocarbon spillage exists, are prepared in such a way as to mitigate these risks.	Yes	No	N/A	An oil container and two jerrycans with fuel were seen in the working area at T4/5 which were not in drip trays nor had mitigation measures in place to protect the ground beneath them in case of a spill and/or leak. See photograph in section “Handling, Use and Storage of Hazardous Substances” above. A small generator at T4/5 was correctly placed in a drip tray. Partial compliance at HAV1 Repl. during the inspection on the 31-07-2025. This item will remain open as the Fencing Contractor will return to T4/5 to install a fence. The Fencing Contractor did not have a drip tray beneath the generator onsite, only some wooden boards. The Contractor was requested to obtain a drip tray.



08-08-2025, 10:00 – A small generator correctly placed into a drip tray at T4/5.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Drip trays are placed under all parked or stationary plant/vehicles/machinery, and these containers are inspected to ensure no leakage occurs.	Yes	No	N/A	Correctly implemented at T4/5. There was a drip tray beneath a small generator onsite. See photograph above. There is no machinery or equipment at HAV1 Repl.
Diesel/fuel is stored in sound storage tanks or in bowsers, and the tanks/bowsers are placed within a bunded area or on an area where the ground has been protected.	Yes	No	N/A	Fuel is stored in the container at the site camp when not in use. See section “Handling, Use and Storage of Hazardous Substances” above. There is no machinery or equipment at HAV1 Repl.
 **08-08-2025, 10:00 – Fuel and hazardous liquid waste is stored in the site container at T4/5.**				
A spill kit is available on-site at all times, and unauthorized access to the fuel storage area is prevented.	Yes	No	N/A	A spill kit is available at the site camp at T4/5.
No smoking is permitted near the fuel storage area.	Yes	No	N/A	Correctly implemented. Smoking occurs at the site camp at T4/5. Not required at HAV1 Repl. as there are no Contractors onsite.
The Contractor has ensured that there is adequate fire-fighting equipment at the fuel stores.	Yes	No	N/A	Correctly implemented. See section “Fire Control” below.
Fuel containers are secured during transport.	Yes	No	N/A	Correctly implemented.
The surface under the refuelling area is protected against pollution to the ECO's satisfaction prior to refuelling activities. Equipment is refuelled with the use of drip trays.	Yes	No	N/A	No refuelling has been observed by the ECO.
Plant				
Equipment selection and operation are done with environmental degradation minimized, and equipment operators are made aware of environmental requirements and controls. Environmental training registers are kept on file onsite.	Yes	No	N/A	Correctly implemented. All machine operators have received Environmental Awareness Training by the ECO. See section “Environmental Awareness Training” above.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Equipment Maintenance and Storage				
Leaking equipment or vehicles emitting noticeably excessive fumes are repaired immediately or removed from Site.	**Yes**	**No**	**N/A**	There are no vehicles or equipment onsite which are leaking or emitting excessive fumes.
Vehicles and machinery are serviced off-site, or if onsite maintenance is necessary, it is done outside sensitive areas, with prior approval from the Engineer and ECO. Portable drip trays on plastic are used to collect waste oil and lubricants to prevent environmental contamination.	**Yes**	**No**	**N/A**	There are no vehicles or machinery onsite which are in need of repairs.
Drip trays are provided in construction areas for stationary/parked equipment, inspected and emptied daily, and monitored during rain events to prevent overflow. The Contractor ensures that equipment is covered so that rainwater is excluded from the drip trays.	**Yes**	**No**	**N/A**	Correctly implemented. Hazardous liquid waste is stored in a labelled bottle on a drip tray in the storage container at the site camp at T4/5. See photograph in section “Hydrocarbon Management (Fuels, Oils and lubricants)“ above.
Oil from drip trays is stored in clean drums on protected ground and removed regularly to an oil-recycling centre. Proof of disposal is kept on file onsite.	**Yes**	**No**	**N/A**	The amount of oil in drip trays has been minimal and is not sufficient to be stored in a drum for recycling. The Contractor is wiping excess oil with a rag and placing the rags into the solid hazardous waste drum in the storage container at T4/5 to be disposed of in due course. Proof of disposal still to be provided when disposed of.
Washing of equipment onsite is strictly prohibited.	**Yes**	**No**	**N/A**	No washing of equipment covered in hydrocarbons has occurred. Washing of cement covered tools has been allowed. See section “Cement and Concrete Batching” below.
Cement and Concrete Batching				
Batching will only occur in areas which are located on a smooth impermeable surface (concrete or 250 pm plastic) and cement is batched (mixed) in a bunded area within the boundaries of the development footprint.	**Yes**	**No**	**N/A**	Concrete work is complete at HAV1 Repl. At T4/5, a dry mix of bedding sand and cement was being mixed directly on the ground for the breather manhole foundations. No plastic or boards had been placed beneath to protect the soil. Since cement is highly alkaline, this would prevent vegetation regrowth if left unremediated. The Contractor was instructed to immediately dig up the affected soil, use it as backfill for the breather manholes, and cover it with subsoil to avoid contamination of the topsoil. On 31-07-2025, the Fencing Contractor was observed mixing cement in a wheelbarrow without ground protection. This Non-Compliance remains open as further fence installation work is planned at T4/5.

(a)



(b)



Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
 (c) **08-08-2025, 10:00 – The Contractor was mixing cement directly onto the ground (a). They were instructed by the ECO to immediately dig up the contaminated area (b) and (c).**				
Cement is stored within weatherproof facilities/covered to prevent environmental contamination.	**Yes**	**No**	**N/A**	Correctly implemented. Cement bags are kept in the container at the site camp at T4/5. There were no cement bags onsite at HAV1 Repl.
All wastewater resulting from batching of cement/concrete is disposed of via the contaminated water management system and is not discharged into the environment.	**Yes**	**No**	**N/A**	Correctly implemented. Cement covered tools are washed in a large drum onsite. Sediments will be allowed to settle and disposed of as rubble when necessary.
 **08-08-2025, 10:00 – A large drum used for the washing of cement covered tools is available at T4/5.**				

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Waste water from cement/concrete works and tool washing will be directed into a sump lined with bidim.	Yes	No	N/A	No sump has been dug at the site camp at T4/5. The Contractor is washing tools in a water drum. No cement work is underway at HAV1 Repl.
Once work is complete the bidim sump will be removed and the waste material will be disposed of at a licenced facility.	Yes	No	N/A	Not required at this stage. Waste sediments are allowed to settle at the bottom of the drum and will be disposed of at a licenced facility when necessary.
Diversion berms are installed to direct contaminated water to a storage area, and contaminated water storage areas are protected from overflow, rain, and flooding.	Yes	No	N/A	Not required at this stage.
Sand, aggregate, cement or additives used during the mixing process are stored and appropriately and to prevent contamination of the surrounding environment.	Yes	No	N/A	See above.
Empty cement bags are stored in weatherproof containers to prevent contamination and are disposed of regularly through the hazardous waste management system.	Yes	No	N/A	Empty cement bags were not contained correctly when installing the foundations for the breather manholes. See photograph (a) above. The Contractor immediately picked up the bags and placed them into a black rubbish bag to prevent contamination. No photograph was taken of this, but the bags were to be placed into the hazardous waste bin at the site camp.
Reasonable measures are taken by the Contractor to prevent cement/concrete spillage during batching and construction. The ground beneath the shoots of cement trucks shall be protected with plastic sheeting.	Yes	No	N/A	At T4/5, a dry mix of bedding sand and concrete was being mixed on the ground for foundations for the breather manholes. The Contractor had not used any plastic or boards to protect the ground from the cement. Cement is highly alkaline and without proper remediation no plants will grow back in the area following rehabilitation. The Contractor was instructed to immediately dig up the area where the cement was being mixed. The spoil was to be used as backfill for the breather manholes, followed by subsoil to prevent contamination with topsoil. See photographs above. During the inspection on the 31-07-2025. It was noted that the Fencing Contractor was mixing cement for the fence post foundations inside a wheelbarrow but with no mitigation measures beneath. This item will remain open as the Contractor will be returning to T4/5 to install a fence. Some minor cement spills were observed around the foundations of the fence posts. The Contractor was requested to dig up the spills and dispose of them as rubble.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)

(a)



(b)



08-08-2025, 10:00 – Spilled cement from the fence post foundations is still to be picked up by the Fencing Contractor (a) and (b).

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Spoiled or excess aggregate/cement/concrete is removed and disposed of through the solid waste management system, with a disposal certificate retained in the site file.	Yes	No	N/A	Once picked up, the spilled material from HAV1 Repl. will be disposed of as rubble.
Ablution and Toilet Facilities				
Washing, defecating, and urinating are only permitted at designated facilities.	Yes	No	N/A	No washing, defecating, or urinating has occurred outside of toilet facilities at either site.
Ablution facilities, including shelter, toilets, and washing facilities, are provided by the Contractor for all personnel onsite. Toilet facilities are provided at a ratio of at least 1 toilet per 30 workers (1:15 preferred).	Yes	No	N/A	Correctly implemented at both sites.
Toilet facilities are located within the Contractor's camp, but also at work areas remote from the camp, all to the satisfaction of the ECO.	Yes	No	N/A	Correctly implemented at both sites.
All portable toilets are adequately secured to the ground to prevent them toppling over because of wind or any other cause, and latched closed to prevent fauna getting in.	Yes	No	N/A	Correctly implemented at both sites.
The Contractor has ensured that the entrances to these toilets are maintained in a hygienic state, serviced regularly, that no spillage occurs when they are cleaned and that contents are removed from Site.	Yes	No	N/A	Correctly implemented at both sites.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)

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SALE'S TOILET HIRE CC
P.O BOX 6216
PAROW EAST
7501
TEL: 021 - 9312560
FAX: 021 - 931 6326

Tax Invoice

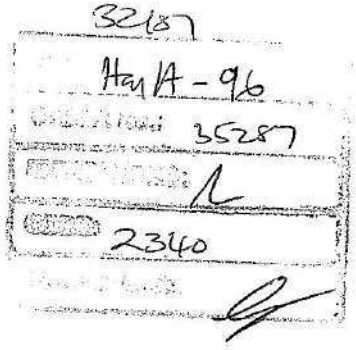
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Deliver to
Hemel & Aarde Road
Hermanus
021 905 1106/7

Account	Your Reference	Tax Exempt	Tax Reference	Sales Code	
HI0120	IP35287	N	4670193319		Exclusive

Code	Description	Quantity	Unit	Unit Price	Disc%	Tax	Nett Price
01006007	Pj Fleet Events, , 12384			0.00		0.00%	0.00
HC003	Hire Charge Full Flush	5.00		220.00		15.00%	1,100.00
INS-C	Plastic Insurance per week	5.00		10.00		15.00%	50.00



Received in good order

Signed_____ Date_____

Sub Total		1,150.00
Discount @	0.00%	0.00
Amount Excl Tax		1,150.00
Tax		172.50
Total		1,322.50

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Terms & Conditions

Insurance Excess of R3,000-00 payable on damages above R3,000-00 on all plastic toilets/huts
Insurance Excess of R4,000-00 payable on damages above R4,000-00 on all Trailer Toilets
Customer liable for all damage or loss of toilets
Customer has to contact our office and receive an off hire number for all collections.
Customer charged for the hire of toilets and not the servicing thereof..
Collection of toilets will be done withinn 2-3 working days after issuing of off-hire umber.
Toilets need to be placed 10m from the pavement in order for servicing to be done.

12-08-2025, 14:00 – Toilet service invoice received for works completed in July.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Discharge of waste from toilets into the environment and burial of waste is strictly prohibited.	Yes	No	N/A	No waste from toilets has been buried.
No ablution facilities are located closer than 50 m to any watercourse, wetland or other surface water body.	Yes	No	N/A	Correctly implemented at both sites.
Water Use				
Water is conserved wherever possible, with efforts to minimize usage and immediate attention given to any wastage.	Yes	No	N/A	Correctly implemented.
Water for potable use is sourced from a legal source, and the Contractor absolves the Employer of all risk or liability regarding compliance with relevant statutory obligations.	Yes	No	N/A	Correctly implemented. Water for construction at both sites is taken from the municipal line running from the old HAV1 borehole. The water is transported to T4/5 in jerry cans.
Water is not abstracted from private property without the prior written approval of the Landowner.	Yes	No	N/A	Correctly implemented. Permission was given to the Contractor by the Overstrand Municipality to use the groundwater from the old HAV1 borehole.
Only non-potable water from an approved source is used for construction activities such as dust suppression, etc.	Yes	No	N/A	Correctly implemented.
Water for construction purposes is bought to site in bowsers and stored in appropriately if required.	Yes	No	N/A	Water for T4/5 is transported in jerry cans when needed. It has been stored in an open container onsite and is used for the washing of cement covered tools when required, in lieu of a bidim-lined sump in the ground. The open container was cleaned out on the 30-07-2025. See photographs in section “Cement and Concrete Batching” above. The open container is currently being used to clean mud and cement off tools at the end of the trench at T4/5.
The Contractor ensures that the re-use of construction water is maximised.	Yes	No	N/A	Correctly implemented.
Fire Control				
The Contractor takes adequate precautions to ensure that the fire hazard on and near the site is reduced to a minimum and no fires have occurred/ been lit onsite.	Yes	No	N/A	Correctly implemented. No fires have occurred at either site.
Any fires which occur are reported to the ECO immediately.	Yes	No	N/A	No fires have occurred at either site.
Smoking is only permitted in designated smoking areas, which are demarcated, equipped with ash trays and fire-fighting equipment, and located away from fire hazards such as fuel storage, refuelling areas, or dense/grassy vegetation.	Yes	No	N/A	Correctly implemented at the site camp at T4/5. There are no fire extinguishers onsite at HAV1 Repl. as the Contractor is not onsite.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
 **08-08-2025, 10:00 – Smoking area at the site camp at T4/5.**				
A Fire Officer (may be the ESO) is appointed by the Contractor to ensure immediate and appropriate actions in the event of a fire and to make employees aware of the fire procedure.	**Yes**	**No**	**N/A**	Correctly implemented.
The relevant authority is notified immediately when a fire starts, without waiting until it can no longer be controlled.	**Yes**	**No**	**N/A**	No fires have occurred at either site.
The Contractor has ensured that there is always suitable and sufficient firefighting equipment available onsite.	**Yes**	**No**	**N/A**	Correctly implemented at the site camp at T4/5. There are no fire extinguishers at HAV1 Repl. as the Contractor is not onsite.
The Contractor has submitted an EMS to the ECO covering the procedure to be followed in the event of a fire.	**Yes**	**No**	**N/A**	Correctly implemented.
Necessary materials and equipment for dealing with oil, fuel, and hazardous substance spills (spill kits) and leaks are always onsite and up to date as a pre-emptive fire protection method.	**Yes**	**No**	**N/A**	Correctly implemented. There is a spill kit in the container at the site camp at T4/5.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
The storage of hazardous/flammable materials and substances complies with national, provincial, and local regulatory requirements.	Yes	No	N/A	Correctly implemented.
Hot works				
Any welding and/or hot work has been undertaken with the necessary safety equipment, i.e., welding screens with functional/serviced fire extinguishers onsite.	Yes	No	N/A	No hot works have been required at this stage.
Designated staff have undergone fire-safety training and are certified to operate fire extinguishers and put out fires safely and quickly.	Yes	No	N/A	Correctly implemented.
Solid Waste Management, Litter and Refuse				
The site is kept neat and clean, and littering is prohibited.	Yes	No	N/A	Correctly implemented at T4/5. A large amount of litter was observed around the site area at HAV1 Repl.

(a)



(b)



Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)

(c)



(d)



(e)



08-08-2025, 10:00 – Litter around the site area that needs to be removed at HAV1 Repl. (a) to (e).

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Burying or dumping of waste materials, vegetation, litter, or refuse onsite is prohibited.	Yes	No	N/A	As above.
Lockable and weatherproof bins with lids are provided in sufficient number and capacity to store daily solid waste. Lids are kept firmly on the bins, and they are emptied regularly, at least once a week, to prevent overflow.	Yes	No	N/A	Correctly implemented at T4/5. The Contractor has obtained lockable bins for both sites. They have been labelled “R” for recyclable waste and “G” for general waste. The bins at T4/5 are at the site camp in the common area. The bin at HAV1 Repl. is overflowing and not secured to prevent animals from accessing it. The Contractor was requested to empty and secure the bin.
 **08-08-2025, 10:00 – The waste bin onsite at HAV1 Repl. is overflowing and not secured to prevent animals from accessing it.**				
Waste from bins may be temporarily stored onsite in a central waste area that is weatherproof and scavenger proof (lockable), and which the ECO has approved.	Yes	No	N/A	No general waste is stored onsite
Refuse is recycled wherever possible, with containers provided for glass, paper, metals, and plastics, and contents delivered to suitable recycling facilities when necessary.	Yes	No	N/A	Correctly implemented.
All construction waste or spoil material is recycled wherever possible, either onsite or taken back to the Contractor’s workshop for disposal, with disposal slips provided.	Yes	No	N/A	Correctly implemented.
All litter and refuse are disposed of offsite at an approved landfill site. The Contractor provides the ECO with a certificate of disposal and retains a copy in the Site file.	Yes	No	N/A	Correctly implemented. Waste disposal slips from the Civils Contractor are pinned to the board in the site office at T4/5.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Contaminated Water Management				
Water containing pollutants such as cement, concrete, lime, chemicals, oils, and fuels is discharged into a conservancy tank for removal to a licensed disposal facility. A certificate of disposal is retained in the Site file. This applies to water from concrete batching plants and runoff from fuel storage, refuelling, or equipment washing areas.	**Yes**	**No**	**N/A**	Correctly implemented. No disposal of such has been completed yet.
No paint products, chemical additives, or cleaners (e.g., thinners and turpentine) or their wash water are disposed of onsite.	**Yes**	**No**	**N/A**	There are no paint products onsite.
The Contractor notifies the ECO immediately of any pollution incidents onsite and takes all reasonable measures to contain and minimize the effects of the pollution.	**Yes**	**No**	**N/A**	No pollution incidents have occurred.
Lights				
The Contractor ensures that onsite lighting does not cause avoidable disturbances to surrounding users and does not attract unwanted insects or animals. All installed lighting is energy-efficient where practical and is turned off when not in use.	**Yes**	**No**	**N/A**	No work will be occurring at night at either site.
Noise				
The Contractor limits noise levels (for example, by installing and maintaining silencers on plant equipment or using hay bales to lessen the noise).	**Yes**	**No**	**N/A**	Not required at this stage. Will be implemented if required.
Employees are provided with adequate PPE with respect to ear protection.	**Yes**	**No**	**N/A**	As above.
No amplified music or sound equipment is allowed onsite. Audio equipment may only be used at low volumes to remain unobtrusive. Sound amplification is permitted only in emergency situations	**Yes**	**No**	**N/A**	No music or sound equipment present onsite at either site.
Dust Management				
The Contractor takes all reasonable measures to minimise the generation of dust.	**Yes**	**No**	**N/A**	Not required at this stage due to wet weather conditions.
Stockpiles are kept in sheltered areas and managed in the following manner: Stockpile slopes are minimized to a natural angle of repose; stockpile sizes have been limited to a maximum height of 2 meters and stockpiles not in active use have been covered with shade cloth or geofabric.	**Yes**	**No**	**N/A**	At T4/5, subsoil stockpiles remain uncovered, but this is not currently an issue due to wet conditions and the clay-rich soil, which is unlikely to blow away. These stockpiles are being returned as backfill over the bedding material. Topsoil stockpiles, however, are still required to be covered with shade cloth. Not required at HAV1 Repl.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Dust suppression (wetting or other best practicable environmental option) is used in and around the Construction area, along haul roads, at stockpiles, and any additional area indicated by the EO/ECO.	**Yes**	**No**	**N/A**	Not required at this stage due to wet weather conditions.
Dowsing, with non-potable water (not including treated effluent or seawater, which may not be used for any activities), is implemented to reduce and control dust fallout.	**Yes**	**No**	**N/A**	As above.
Construction Personnel Information Posters				
Environmental information posters ("dos and don'ts") have been erected at eating areas and other common areas. Posters are maintained in good condition and replaced if damaged or illegible.	**Yes**	**No**	**N/A**	Correctly implemented. Environmental ("dos and don'ts") posters and emergency numbers have been displayed at the site camp at T4/5. The ECO has a small white board pinned up in the site office which is updated weekly with items to be addressed by the Contractor. This is to aid in communication between the ECO and the Contractor's team.
Emergency Procedures				
EMS procedures are in place for emergencies and are being followed.	**Yes**	**No**	**N/A**	No emergencies have occurred.
In the event of an emergency, the Overstrand Municipality's Emergency Call Centre has been contacted using the appropriate numbers. Emergency contact numbers, including the local firefighting service, are posted in the Contractor's office and near the onsite telephone, and are retained in the Site file.	**Yes**	**No**	**N/A**	As above.
General Protections in Terms of the National Heritage Resources Act (25 of 1999)				
If any heritage resource is encountered, work is stopped immediately, and the Engineer and ECO are notified. In this case, the Engineer/ECO contacts the relevant Heritage Authority, and work proceeds only upon their approval.	**Yes**	**No**	**N/A**	No heritage resources have been discovered.
A copy of the Record of Decision issued by Heritage Authorities is kept onsite, and The Contractor complies with the heritage management specifics outlined in the EMPr.	**Yes**	**No**	**N/A**	As above.
Protection of Natural Features				
The Contractor does not deface, paint, damage or mark any natural features situated in or around the site for survey or other purposes, unless agreed beforehand with the Engineer, ECO and Landowner.	**Yes**	**No**	**N/A**	Correctly implemented.
Any features affected by the Contractor in shall be restored/rehabilitated to the satisfaction of the ECO and Landowner.	**Yes**	**No**	**N/A**	No features have been affected.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Protection of Flora and Fauna				
Vegetation and flora are not removed, damaged, or disturbed except as necessary for the works, as specified by the ECO.	**Yes**	**No**	**N/A**	Correctly implemented. Note: Beginning March 2025, during the overhead cable installation at T4/5, all vegetation beneath the cable was brush-cut and improperly treated. The area will be monitored until the alien vegetation can be correctly identified and treated with an appropriate herbicide for proper removal. It is noted that the vegetation has grown back and can be positively identified for proper removal. The Contractor will complete this in due course.
A Specialist has identified natural vegetation or rare/endangered flora to be preserved. The Contractor has demarcated these areas as "no-go areas" to protect the flora. Necessary measures have been taken to ensure the protection of identified flora.	**Yes**	**No**	**N/A**	Search and Rescue was completed by a Specialist for the pipeline route at T4/5 on 25-02-2025 and 08-05-2025. Not required at HAV1 Repl.
Equipment has not been driven across natural vegetation, where possible. Areas of needless vegetation destruction have been reinstated to the standard specified by the ECO.	**Yes**	**No**	**N/A**	Correctly implemented.
Trapping, poisoning, shooting, or hunting of animals, including collecting carcasses, is strictly prohibited. No domestic pets or livestock are permitted onsite, and Site staff are prohibited from keeping pets. Measures are in place to keep domestic and native animals from surrounding Landowners safe from unprotected Works.	**Yes**	**No**	**N/A**	No hunting has occurred.
Clearing of Vegetation				
Vegetation clearance is strictly limited to what is required for construction activities. A qualified Botanical Specialist has been appointed to identify and oversee the removal, rescue, and relocation of Species of Conservation Concern (SOCC).	**Yes**	**No**	**N/A**	Search and Rescue has been completed by a Specialist for the pipeline route at T4/5. See above. Not required at HAV1 Repl.
Vegetation clearance has been approved by the Botanical Specialist, in line with the approved EMPr. vegetation clearance is restricted to the exploration camp, approved access routes, and areas where vegetation interferes with construction activities. No undue or unnecessary vegetation removal has occurred.	**Yes**	**No**	**N/A**	Correctly implemented.
Approved vegetation clearance is undertaken by hand using handheld implements, cutting vegetation at ground level without uprooting. Root structures are not removed or tampered with, and roots are left intact and in situ as far as reasonably possible.	**Yes**	**No**	**N/A**	Correctly implemented by a Specialist for the pipeline route at T4/5. Remaining vegetation is to be included in the topsoil stockpiles as per the request of the Specialist. Not required at HAV1 Repl.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
No tracked or wheeled mechanised equipment is used for vegetation clearance.	Yes	No	N/A	As above.
Vegetation clearance is conducted in phases to reduce erosion and water pollution. Clearing operations are scheduled to minimise the exposure time of cleared areas before construction starts. Cleared areas are stabilised as soon as possible where necessary.	Yes	No	N/A	As above.
Site clearance activities cease immediately upon encountering fauna. Fauna is safely relocated before activities resume.	Yes	No	N/A	As above.
Vegetation is disposed of at an approved disposal site. Burying or burning of vegetation is strictly prohibited. Cut vegetation is to be disposed of at a licensed landfill facility with slips provided to the ECO.	Yes	No	N/A	No further vegetation disposal has occurred.
Riparian and Instream Habitat				
No construction activities occur within riparian or wetland habitats.	Yes	No	N/A	Correctly implemented.
Topsoil Management				
Topsoil (up to 300 mm deep, or to bedrock if shallower) and root material from cleared vegetation are stripped for rehabilitation and revegetation. Stripping is done according to the specified depth.	Yes	No	N/A	Correctly implemented. Topsoil has been cleared along the entire length of the pipeline to avoid compaction from excavators and timeline delays. Note: All line items under this section are applicable to T4/5 only and not HAV1 Repl., as no topsoil will be cleared at HAV1 Repl.
Topsoil is stripped from all areas subject to compaction, as per environmental specifications and ECO direction. Topsoil from different areas is stockpiled separately and returned to its original location, as well as stored separately from subsoil.	Yes	No	N/A	All required topsoil along the pipeline route has been cleared.
Topsoil is covered with shade cloth or geofabric to prevent desiccation.	Yes	No	N/A	Partial compliance. Only one topsoil stockpile is not sufficiently covered with netting. The Contractor was requested to rectify this.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
 **08-08-2025, 10:00 – One topsoil stockpile is not sufficiently covered with netting.**				
Stockpiles are placed on previously disturbed areas or areas with minimal environmental impact. Stockpiles do not exceed 2 m in height and maintain a natural angle of repose.	**Yes**	**No**	**N/A**	Subsoil stockpiles have been placed outside of the demarcated area on top of vegetation. The Contractor has been instructed by the Rehabilitation Specialist to remove the subsoil by hand to prevent damage to vegetation and topsoil. The Contractor has removed the majority of the excess soil from the upslope area along the trench. They are in the process of removing the final soil by hand and reprofiling the area to the correct profile. The middle section of the trench is very wet as the soil is heavily clay based. The Contractor may leave this section and return in the dryer months to reprofile the area.

(a)



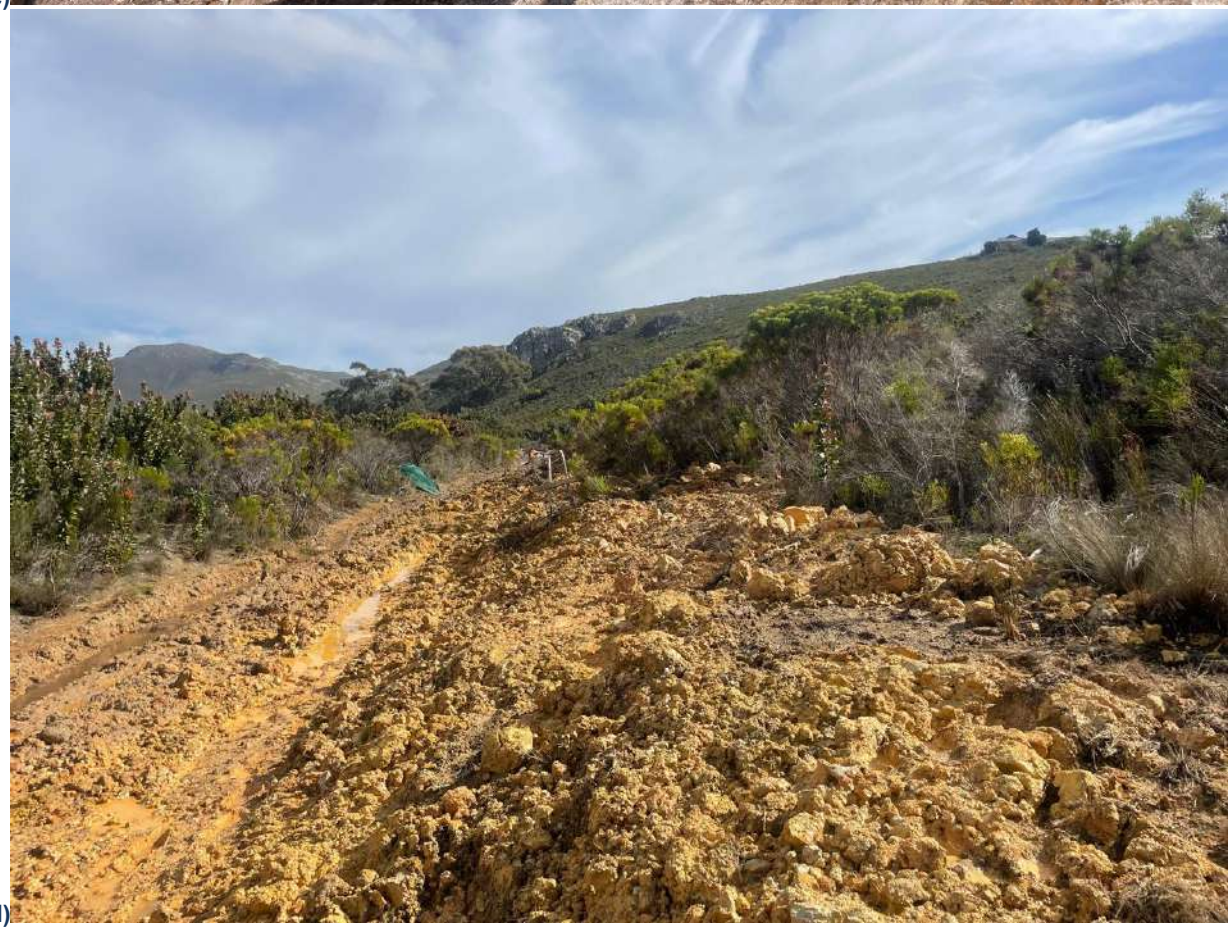
(b)



(c)



(d)



(e)



(f)



08-08-2025, 10:00 – Majority of the subsoil stockpiles which were put outside of the "no-go" area have been replaced (a) to (d). A section in the middle of the trench is very wet and may only be reprofiled later in the year in the dryer months (e) and (f).

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Erosion control measures (e.g., bund walls) are in place to prevent stockpile erosion and compaction. Stockpiles do not obstruct water flow or cause water damming.	Yes	No	N/A	Partial compliance for one topsoil stockpile. See above. Subsoil and bedding stockpiles have not been covered with shade cloth, but this is not an issue due to the current wet conditions, as well as being largely clay based and unlikely to blow away.
Topsoil and subsoil are stockpiled separately and reinstated in reverse order. Topsoil is only handled during removal and reinstatement. Replaced soil is compacted and levelled with adjacent areas, especially near watercourses.	Yes	No	N/A	Correctly implemented. Topsoil will be reinstated by the Rehabilitation Contractor once the pipeline has been completed.
Erosion and Sedimentation Control				
Any erosion or sedimentation on or off-site has been identified and reported. Rectification measures, as specified by the ECO, have been implemented.	Yes	No	N/A	Erosion is occurring along the access road to HAV1 Repl. and will be addressed if and when necessary. There is no erosion occurring at T4/5. See section “Access Routes/Haul Roads” above.
Any tunnels or erosion channels have been backfilled, compacted, and restored.	Yes	No	N/A	The existing trench, adjacent to which the pipeline will be laid, is already existing on the property. The Contractor is in the process of reprofiling the area to reinstate the Landowner’s trench at T4/5.



(a)

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
 (b) **08-08-2025, 10:00 – The Contractor is in the process of reinstating the old trench to facilitate stormwater flow around the Landowner's house at T4/5 (a) and (b).**				
Cleared areas have been stabilised to prevent erosion, as per ECO's guidance.	**Yes**	**No**	**N/A**	This has not yet been required.
Earthworks Management				
Excavated trenches are demarcated and fenced off as "no-go" areas when no Construction activity is underway. Trenches and excavations are backfilled as soon as possible, ideally during pipeline/cabling laydown.	**Yes**	**No**	**N/A**	At T4/5, majority of the trench is closed with only breather manhole rings to be installed. Note: All line items under this section are applicable to T4/5 only and not HAV1 Repl., as no further earthworks are required at HAV1 Repl.
Open trenches are inspected daily for trapped animals, and any found are safely relocated. Excavation in watercourses/wetlands occurs only in the dry season and is avoided during predicted heavy rains.	**Yes**	**No**	**N/A**	Correctly implemented. All trenches are inspected daily for fauna which may be trapped, and none have been found to date. Note: The existing trench, adjacent to which the pipeline will be laid, is already existing on the property The Contractor is in the process of reprofiling the area to reinstate the Landowner's trench at T4/5.
Soils are appropriately compacted according to the natural soil characteristics of the area to preserve future surface and subsurface drainage through the previously trenched areas.	**Yes**	**No**	**N/A**	Correctly implemented. Trenches are backfilled with original subsoil and local bedding material.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Stockpiles are kept free of weeds throughout construction. Stockpiles are not placed within the 1:20 flood line, within 50 m of wetlands/watercourses, or outside designated areas in construction diagrams.	Yes	No	N/A	Subsoil stockpiles have been placed outside of the demarcated area at T4/5. See section "Topsoil Management" above.
Only backfill material from an approved, alien-free source is used. Backfill is free of foreign matter such as litter, waste, vegetation, and seed stock.	Yes	No	N/A	Trenches are backfilled with original subsoil material and clean bedding has been sourced from a local company.
Changes in natural gradients due to Construction activities are avoided where possible or mitigated by levelling the slope to the original gradient during rehabilitation.	Yes	No	N/A	The existing trench, adjacent to which the pipeline will be laid, is already existing on the property. The Contractor is in the process of reprofiling the area to reinstate the Landowner's trench at T4/5.
Trenching				
Trenching for services shall be undertaken in accordance with the engineering specifications with the following environmental amplifications.	Yes	No	N/A	Correctly implemented.
A buffer zone must be implemented for each wetland/watercourse and construction within the buffer zone must be restricted to the trench line and working side of the trench.	Yes	No	N/A	Trenching will not occur adjacent or next to a wetland and/or watercourse.
Soil shall be excavated and used for refilling trenches i.e., soil from the first trench shall be excavated and stockpiled, thereafter soil from the second excavated trench length shall be used to backfill the trench behind it once the services have been laid. The last trench shall be filled using the soil stockpiled from the first trench.	Yes	No	N/A	The majority of the trench at T4/5 has been backfilled with only small sections open for the installation of breather manholes.



08-08-2025, 10:00 – Example of a breather manhole along the trench which is still to be backfilled and the manhole ring installed.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Trench lengths shall be kept as short as practically possible before backfilling and compacting.	Yes	No	N/A	The majority of the trench at T4/5 has been backfilled with only small sections open for the installation of breather manholes.
Trenches shall be re-filled to the same level as (or slightly higher to allow for settlement) the surrounding land surface to minimise erosion.	Yes	No	N/A	The existing trench, adjacent to which the pipeline will be laid, is already existing on the property. The Contractor is in the process of reprofiling the area to reinstate the Landowner's trench at T4/5.
Protection of Watercourses, Waterbodies and Wetlands				
The Contractor ensures that all watercourses and waterbodies are protected from contamination or degradation as a result of their activities, including protection from direct or indirect spills of pollutants.	Yes	No	N/A	No watercourses and/or waterbodies have been contaminated or degraded. It is expected that stormwater (or rainwater runoff) will be heavily silted after flowing through the construction area, however, a Freshwater Specialist is monitoring downslope ecosystems for potential impacts.
In the event of a spill, prompt action (as planned and approved in the Emergency Plan Method Statement) is taken to clear the polluted or affected areas, and the Engineer and ECO has been notified immediately.	Yes	No	N/A	Correctly implemented.
No activities occur within wetland areas unless necessary, with approval from the Engineer and ECO.	Yes	No	N/A	Correctly implemented.
Stormwater, Runoff Management and General Water Management				
No stormwater containing waste, or water containing waste emanating from Construction activities is discharged into a watercourse or waterbody.	Yes	No	N/A	Correctly implemented. The Contractor has closed the majority of the pipeline trench. The Landowner's trench is in the process of being reinstated and then the original stormwater design will be reinstated. Stormwater is currently not being diverted but is allowed to seep into the soil where the trench has been backfilled. See photographs in section "Erosion and Sedimentation Control" above. Stormwater management is not required within the site area at HAV1 Repl., however, erosion is still looked out for.
Uncontaminated water is removed from the site by allowing it to seep back into the soil around the site.	Yes	No	N/A	As above.
Suitable control of runoff is ensured during the Construction phase to prevent erosion of topsoil on stockpiles and adjacent land and undeveloped portions of the site. Erosion is monitored, and mitigation measures are implemented including, but not limited to, utilisation of sandbags and berms to prevent water from engrossing on sensitive ecosystems and to focus drainage into soft sands around the site.	Yes	No	N/A	Correctly implemented. There is currently one section of runoff which is flowing next to the footpath and into the trench. The flow of water was impeding construction and has been diverted into the trench (the original Landowner's trench), see above. There has been no erosion observed thus far (with the exception of the access roads). The stormwater is now running in the original Landowner's trench as it was prior to construction. See section "Erosion and Sedimentation Control" above.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Clean water and dirty water systems are managed independently and be kept separately.	Yes	No	N/A	Not required at this stage as there are no construction materials present in the water from the trench. Sediments coming from the trench stormwater are considered clean in situ material (soluble soils and clays in solution). Thus the water is considered to be clean.
Erosion and stormwater management measures, such as berms, silt fences, and/or hessian curtains, have been implemented to prevent sedimentation of freshwater features and divert stormwater away from erosion-prone areas. Erosion control measures are being monitored regularly throughout the construction phase to ensure effectiveness.	Yes	No	N/A	Stormwater is currently not being diverted but is allowed to seep into the soil where the trench has been backfilled. The stormwater is now running in the original Landowner's trench as it was prior to construction. There are currently no bunded areas onsite.
Stormwater is directed towards stabilised areas to dissipate the energy of water flow. No ponding of stormwater is occurring on the site. Stormwater is confined to a dedicated stormwater channel on the Site. Stormwater from bunded areas is collected in a suitable container for proper disposal off-site.	Yes	No	N/A	Stormwater is currently not being diverted but is allowed to seep into the soil where the trench has been backfilled. The stormwater is now running in the original Landowner's trench as it was prior to construction. There are currently no bunded areas onsite.
Increased runoff from vegetation clearance and/or soil compaction is being managed to prevent erosion and silt entry into streams.	Yes	No	N/A	Stormwater is currently not being diverted but is allowed to seep into the soil where the trench has been backfilled.
Temporary Site Closure				
In the event of temporary site closure (for a period exceeding one week), the Contractor's ESO shall carry out checks and report on compliance to the ECO.	Yes	No	N/A	Neither site is currently temporarily closed.
Fire extinguishers are serviced and accessible.	Yes	No	N/A	As above.
There is adequate ventilation in enclosed spaces.	Yes	No	N/A	As above.
All hazardous substance stores are securely locked.	Yes	No	N/A	As above.
Fencing and barriers are in place.	Yes	No	N/A	As above.
Emergency and management contact details are prominently displayed and available.	Yes	No	N/A	As above.
Wind and dust mitigation measures e.g., straw, brush packs, irrigation, etc. are in place.	Yes	No	N/A	As above.
Excavated and filled slopes and stockpiles are at a stable angle and capable of accommodating normal expected water flows.	Yes	No	N/A	As above.
There are sufficient detention ponds or channels in place.	Yes	No	N/A	As above.
Cement and materials stores are secured.	Yes	No	N/A	As above.
Toilets are empty, secured, and lockable.	Yes	No	N/A	As above.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Central waste area and all refuse bins are empty and secured.	Yes	No	N/A	As above.
Contaminated water conservancy tank empty.	Yes	No	N/A	As above.
Any bunded areas are clean and treated with an approved product where applicable (e.g., Spill Sorb or Enretech #1 Powder or equivalent).	Yes	No	N/A	As above.
Drip trays are empty and secure.	Yes	No	N/A	As above.
Excavations should not be left open during temporary closures. If an excavation must remain open during temporary closure, then someone must check the excavation on a regular basis for the presence of animals and for the need to de-water (especially after rainfall).	Yes	No	N/A	As above.
Demolition and Removal of Structures				
The Contractor demolishes and removes from site everything not forming part of the Permanent Works, prior to landscaping and rehabilitation.	Yes	No	N/A	Work is ongoing. Not required at this stage.
All material generated from the demolition and removal of structures from site are appropriately disposed of if not reused. All incidental excavations are refilled and adequately compacted and rehabilitated.	Yes	No	N/A	As above.

The responsible personnel shall identify the root cause of Non-Compliance found and adopt the appropriate Corrective and Preventive Actions for mitigation measures. Confirmation of the effectiveness of the Corrective and Preventive Actions shall be verified by the ECO and approved by the Overstrand Municipality within an agreed time.



(Environmental Control Officer: Melissa Weeks)

Date: 08-08-2025

ENVIRONMENTAL SITE INSPECTION

Revision 1

Project and Site Information			
Date	13-08-2025	**Site Location**	HAV1 Repl.: -34.398490°; 19.209445° T4/5: -34.375420°; 19.246203°
Time	10:00	**Site Owner**	HAV1 Repl.: Overstrand Municipality T4/5: Bouchard Finlayson Winery
Project Title	972 – Hemel en Aarde Expansion	**Inspected By**	ECO Melissa Weeks
Contract	SC2504_2024 Civil, Mechanical & Electrical	**Stage / Status during Inspection**	HAV1 Repl.: Installation of the perimeter fence is complete. It is noted that the ECO was unable to access the site area inside the fenced area as the gate was locked. T4/5: Test pumping is now complete. Casting of foundations for breather manholes is still underway. Note: The site camp at T4/5 will serve for both it and HAV1 Repl.
Corresponding Method Statement	Environmental Method Statement: Supply and Install Mechanical, Electrical and Civil Borehole Hermanus	**Environmental Method Statement Date**	17-02-2025

Summary of Non-Compliance Issues				
Site / Area	**Aspect**	**Date Identified**	**Date Corrected**	**Action Taken**
T4/5	The drip tray beneath the excavator onsite is broken and needs to be replaced.	14-03-2025	03-04-2025	The Contractor was requested to obtain a new drip tray.
	The excavator arm is leaking oil, which is currently dripping onto the excavator itself rather than the ground. However, the ground beneath is not protected by a drip tray, creating a risk of contamination if the oil starts to drip further.	14-03-2025	03-04-2025	Although no oil has spilled onto the ground yet, the Contractor was instructed to place a drip tray beneath the arm as a precaution and to either repair the leak or remove the excavator from the site. On the 20-03-2025 it was noted by the ECO that a drip tray has been placed below the dripping arm of the excavator. On the 27-03-2025 it was noted that a cloth was used to temporarily stop the dripping of oil from the excavator.
HAV1 Repl. & T4/5	There are no bins onsite.	14-03-2025	25-04-2025	The Contractor was requested to obtain bins for general, hazardous and recycling waste.

Summary of Non-Compliance Issues				
Site / Area	**Aspect**	**Date Identified**	**Date Corrected**	**Action Taken**
T4/5	There are no environmental ("dos and don'ts") posters/signs on display at the site camp.	14-03-2025	27-03-2025	The Contractor was requested to display an environmental awareness poster.
HAV1 Repl.	There is no smoking area defined onsite.	20-03-2025	27-03-2025	The Contractor was requested to set up a smoking area with a nearby fire extinguisher.
	Partial Compliance. There is no defined eating area for staff onsite.	20-03-2025	10-04-2025	The Contractor was requested to define an eating area onsite.
	Partial Compliance. The toilet is latched from the outside to prevent animals from entering but is not secured to prevent toppling.	20-03-2025	03-04-2025	The Contractor was requested to secure the toilet to the ground.
	There were no fire extinguishers onsite.	20-03-2025	27-03-2025	The Contractor was requested to take a fire extinguisher from the site camp to HAV1 Repl. every time they are working onsite.
HAV1 Repl. & T4/5	The working area at HAV1 Repl. has been demarcated with danger tape, but T4/5 has not been.	27-03-2025	03-04-2025	The Contractor was requested to demarcate the working area using temporary fencing.
	Disposal of both general waste and brush-cut alien vegetation has been completed. The Contractor reported that no disposal slips were issued by the municipal facilities.	03-04-2024	08-04-2025	The ECO visited the municipal facility to enquire about proof of disposal for the alien vegetation. Staff explained that they do not typically provide official stamps or signatures. However, a logbook of incoming vehicle registration plates is maintained. The ECO has requested that, if permitted, the Contractor take a photo of the logbook showing their vehicle's entry. The general waste facility does issue disposal slips when vehicles go over the weighbridge. If not, staff are usually willing to sign a slip provided by the Contractor. On 08-04-2025 the Contractor confirmed that they had attempted to obtain a disposal slip for the waste that had already been offloaded. However, the facility would not issue a slip retrospectively. Going forward, the Contractor has been instructed to use the weighbridge to ensure proper disposal documentation is provided.
HAV1 Repl.	An oily fuel drum has been used for staff to store their lunch bags. It is unclear whether the oil was present beneath the bags during the inspection on 10-04-2025.	17-04-2025	24-04-2025	The Contractor was requested to immediately remove the oily drum from site and place it in the container at site camp.

Summary of Non-Compliance Issues				
Site / Area	**Aspect**	**Date Identified**	**Date Corrected**	**Action Taken**
	Partial Compliance. Two small cement spills have been observed at HAV1 Repl.	17-04-2025	22-04-2025	The Contractor was requested to pick these up and place them with the excess rubble that is stored on a plastic sheet adjacent to the pumphouse for disposal.
	A small amount of litter was seen around the site area.	29-04-2025	29-04-2025	The Contractor immediately cleaned up the litter.
Site Camp	Partial Compliance. The Contractor does not have a copy of the MSDS for Bricure (cement sealant) onsite.	08-05-2025	29-05-2025	The Contractor was requested to obtain a copy of this MSDS for the site file. The ECO tried finding this online but was unsuccessful.
HAV1 Repl.	Partial Compliance. A section of the barrier fence around the site has blown over.	19-05-2025	05-06-2025	The Contractor was requested to reinstate the barrier fence. Note: on the 29-05-2025 a section of the barrier fence has been removed. The Contractor was requested to reinstate the barrier fence.
	Partial Compliance. The toilet onsite is secured to the ground but not latched.	19-05-2025	29-05-2025	The Contractor was requested to ensure that the toilets onsite are always latched closed to prevent animals from entering.
T4/5	The Contractor has separated the topsoil from the subsoil but has not demarcated the topsoil.	19-05-2025	29-05-2025	The Contractor was requested to cover topsoil with netting to ensure it is kept separate from subsoil and not mistakenly used as such.
	Partial Compliance. Topsoil has not yet been cleared along the pipeline route in some areas where the excavators are operating. If not removed promptly, it is at risk of becoming compacted.	19-05-2025	29-05-2025	The Contractor was instructed to remove the topsoil along the excavator route before excavation work continues.
	Topsoil stockpiles have not been covered with netting.	19-05-2025	30-06-2025	The ECO requested netting be placed over topsoil stockpiles for demarcation and to prevent erosion. 05-06-2025: Majority of the topsoil stockpiles have been covered with shade cloth, but not all.
	Some sections of the barrier tape have been buried by subsoil stockpiles which have been placed outside of the demarcated area.	29-05-2025	13-06-2025	The Contractor was requested to reinstate the danger tape.
	One generator onsite was correctly placed inside a drip tray, while the other was not. Additionally, the crane truck did not have any drip trays beneath it.	29-05-2025	05-06-2025	The Contractor was instructed to ensure that all generators are placed inside drip trays and not directly on the ground, and that all vehicles have appropriate drip trays positioned underneath them.

Summary of Non-Compliance Issues				
Site / Area	**Aspect**	**Date Identified**	**Date Corrected**	**Action Taken**
	Subsoil stockpiles have been placed outside of the demarcated area on top of vegetation.	05-06-2025	08-08-2025	The Contractor was requested to seek advice from the Rehabilitation Specialist on how to remove the soil without damaging the underlying vegetation. Note: The Contractor has been instructed by the Rehabilitation Specialist to remove the subsoil by hand to prevent damage to vegetation and topsoil.
	The majority of the trench remains open due to time constraints and the approaching rainy season, which has made it difficult for the Contractor to complete trenching and backfilling in smaller sections as outlined in the EMS.	05-06-2025	03-07-2025	The Contractor is making a consistent effort to comply with all other EMS conditions and continue work responsibly under the circumstances.
	The large excavator onsite is leaking oil from underneath onto a plastic sheet. This is a new leak and unrelated to the leak identified on 14-03-2025. No evidence of spills beneath the sheet are evident.	13-06-2025	03-07-2025	The Contractor was requested to repair the excavator or remove it from site. 19-06-2025: A small amount of oil dripped outside of the plastic area onto the ground despite the excavator being repaired. The small spill was immediately picked up. The Contractor was requested to repair the excavator again. 26-06-2025: A small oil spill occurred beneath the excavator due to leftover oil from recent repairs and the absence of a drip tray. The Contractor was instructed to clean the machine and carry out further repairs to identify and stop the leak.
	Partial Compliance. A small amount of cement spilled outside the shuttering.	13-06-2025	19-05-2025	The Contractor was requested to wait for the cement to dry and then pick it up and dispose of it as rubble.
Site Camp	The Electrical Contractor was to be inducted by the primary Contractor ahead of the installation of the electrical boxes. When the Contractor was asked to provide the ECO with an induction register, none could be provided.	03-07-2025	11-07-2025	The Contractor was requested to induct the Electrical Contractor and provide the ECO with a copy of the attendance register.
T4/5	Partial Compliance. The plastic beneath the small excavator had blown out from beneath the machine. The large excavator had drip trays beneath it, however, they were full of rainwater.	03-07-2025	11-07-2025	The Contractor was not onsite at the time of the inspection but was requested to rectify.

Summary of Non-Compliance Issues				
Site / Area	**Aspect**	**Date Identified**	**Date Corrected**	**Action Taken**
HAV1 Repl.	Partial Compliance. The security guard is smoking inside the hut, however, the cigarette buds are not being placed into the provided bin but rather on the ground outside the hut.	11-07-2025	18-07-2025	The security guard was requested to pick up the buds and place them in the bin.
T4/5	The large excavator onsite is leaking oil into a drip tray.	18-07-2025	31-07-2025	The Contractor was requested to fix the excavator or remove it from site.
	Some sections of barrier fencing are broken along the trench working area.	18-07-2025	08-08-2025	The Contractor was requested to reinstate the fencing.
	The TLB onsite was observed driving inside of the “no-go” area to dump material for backfilling. Fortunately, the ECO observed this on the first load of material and the vegetation was left slightly trampled but not damaged.	25-07-2025	31-07-2025	The TLB driver was instructed to only drive within the working area.
	Partial Compliance. Some topsoil stockpiles are no longer sufficiently covered with netting.	25-07-2025	13-08-2025	The Contractor was requested to re-cover the topsoil stockpiles.
HAV1 Repl.	Partial Compliance. The Fencing Contractor did not have a drip tray beneath the generator onsite, only some wooden boards.	31-07-2025	Pending	The Contractor was requested to obtain a drip tray. 08-08-2025: This item will remain open as the Fencing Contractor will return to T4/5 to install a fence.
	The Contractor was mixing cement for the fence post foundations inside a wheelbarrow but with no mitigation measures beneath.	31-07-2025	Pending	The Contractor was requested to mix cement with plastic beneath the mixing area to prevent spillage. 08-08-2025: This item will remain open as the Fencing Contractor will return to T4/5 to install a fence.
	A large amount of litter was observed around the site area.	08-08-2025	Pending	The Contractor was requested to remove the litter.
	Minor cement spills were observed around the foundations of the fence posts.	08-08-2025	Pending	The Contractor was requested to pick up the cement which has spilled outside the foundations.
	The waste bin onsite is overflowing and not secured to prevent animals from accessing it.	08-08-2025	13-08-2025	The Contractor was requested to empty the bin and secure it to prevent animals from accessing it.
T4/5	The Contractor did not have a drip tray beneath an oil container and two jerry cans of fuel.	08-08-2025	13-08-2025	The Contractor was requested to ensure that all hazardous chemics were stored on drip trays onsite.

Summary of Non-Compliance Issues				
Site / Area	**Aspect**	**Date Identified**	**Date Corrected**	**Action Taken**
	The Contractor was seen mixing cement on the bare ground with no plastic or boards beneath. The cement is highly alkaline and without proper remediation no plants will grow back in the area following rehabilitation.	08-08-2025	08-08-2025	The Contractor was instructed to immediately dig up the area where the cement was being mixed. The spoil was to be used at backfill for the breather manholes, followed by subsoil to prevent contamination with topsoil.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
General				
Is the overall appearance of the site visually acceptable and tidy?	**Yes**	**No**	**N/A**	Correctly implemented at HAV1 Repl. and T4/5.

(a)



Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)

(b)



(c)



13-08-2025, 10:00 – The security hut has been removed from HAV1 Repl. (a). The site camp at T4/5 is neat (b) and the foundations for the installation of the breather manholes are nearly complete (c).

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
A copy of the EMS will always be available onsite in the site file.	Yes	No	N/A	A copy of the EMS, the BAR and the EA are available in the site file.
Environmental Awareness Training				
The Contractor ensures that all employees, and those of their Sub-Contractor, attend an Environmental Awareness Training Course (EATC), conducted by the ECO. The training will cover key environmental features of the working area, its surroundings, and the environmental controls outlined in this specification.	Yes	No	N/A	An EATC was given to staff on the 24-02-2025 at the Contractor's offices. Further training has been given by the ECO to local labour and/or Subcontractors onsite on the 20-03-2025, 03-04-2025, 12-05-2025, 19-05-2025, 29-05-2025, 03-07-2025, 18-07-2025, 25-07-2025, and the 31-07-2025.
The initial EATC shall be held within 28 days from the Commencement Date, and subsequent courses shall be arranged for new employees coming onto Site after the initial training course. Provision shall also be made for refresher courses to be undertaken on a quarterly basis during the Contract.	Yes	No	N/A	Correctly implemented.
The Contractor provides proof of attendance by all their employees in the form of a signed attendance register for each session. All environmental training registers are kept on file.	Yes	No	N/A	Correctly implemented.
Site Division, Demarcation and "No-Go" Areas				
The location, layout and establishment of the Contractors camp shall be approved by the ECO prior to the start of establishment.	Yes	No	N/A	Correctly implemented at both sites.
The Contractor restricts all their activities, materials, plant equipment and personnel to within the Site or any working areas specified or indicated on the drawings.	Yes	No	N/A	Correctly implemented at both sites.
Permanent and/or temporary fences have been erected and maintained in the locations specified in the Scope of Work or drawings, and, if specified, before the commencement of any construction activities.	Yes	No	N/A	A permanent fence has been erected at HAV1 Repl. See photograph in section "General" above. At T4/5, the Contractor has not reinstated the boundary tape along the upslope boundary of the trench line as they are in the process of removing the excess subsoil from beyond the boundary of the original demarcated area. The boundary fence will not be reinstated as the Civils Contractor is currently moving offsite.
Where environmentally sensitive areas are specified as "no-go" areas, no person, plant, equipment, or material shall enter these areas at any time, in accordance with the Contractor's authority.	Yes	No	N/A	No staff or machinery have been observed outside of the working area at both sites.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Access Routes/Haul Roads				
The Contractor controls the movement of all vehicles and construction equipment, including those of suppliers and subcontractors, ensuring they remain on designated routes and are distributed to prevent undue traffic concentration. All vehicle and equipment movement complies with relevant laws. The movement of such vehicles and construction equipment is planned and operated to minimise disruption to regular users of the routes.	**Yes**	**No**	**N/A**	Correctly implemented.
As far as possible the Contractor uses existing access and haul routes.	**Yes**	**No**	**N/A**	Correctly implemented.
Any damage to existing access roads caused by construction activities has been repaired to the satisfaction of the Engineer using material similar to the original. The cost of repairs has been covered by the Contractor.	**Yes**	**No**	**N/A**	The road leading to HAV1 Repl. is slowly being damaged by erosion, which happens regularly in this area. The Contractor will repair the road should it be deemed necessary for access. Not required at T4/5.
No new access roads or tracks have been constructed without the Landowner's consent.	**Yes**	**No**	**N/A**	Correctly implemented. No new access roads have been required.
Where new routes are required to gain site access, prior approval from the Engineer and ECO have been obtained. New access routes disturb the smallest possible area, avoid all "no-go" areas, and follow natural contours where possible.	**Yes**	**No**	**N/A**	No new routes are required at this stage.
Vehicle trips have been kept to a minimum to reduce vegetation damage, and all equipment has remained on the demarcated access route.	**Yes**	**No**	**N/A**	No staff or machinery have been observed outside of the working area at both sites.
All directional signage for vehicle and equipment movement required by the Contractor, their Subcontractors or Suppliers is of an approved design and located as approved by the Engineer.	**Yes**	**No**	**N/A**	No directional signage is currently required.
Eating Areas				
The Contractor has designated eating areas within the approved camp.	**Yes**	**No**	**N/A**	Correctly implemented at the site camp at T4/5. The eating area at HAV1 Repl. has been removed as the Contractor is not onsite for long periods of time.
The feeding of, or leaving of food for, animals is strictly prohibited.	**Yes**	**No**	**N/A**	No food is left out for animals.
Sufficient bins are provided in specified areas, and lockable bins are used where required to prevent animal access (especially baboons).	**Yes**	**No**	**N/A**	Correctly implemented at T4/5. There is no bin onsite at HAV1 Repl. as the Contractor is not onsite.
Any cooking onsite is done on well-maintained gas cookers with valid fire extinguishers present. No open fires for cooking purposes are permitted under any circumstances.	**Yes**	**No**	**N/A**	No cooking is being done onsite.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Materials Handling, Use and Storage				
The Contractor shall ensure that any delivery drivers and visitors to site are informed of all procedures and restrictions. A visitor's register has been kept on file.	**Yes**	**No**	**N/A**	Correctly implemented.
Materials shall be appropriately secured to ensure safe passage between destinations. Loads, will be secured appropriately to prevent them spilling from the vehicle during transit.	**Yes**	**No**	**N/A**	Correctly implemented.
The Contractor shall be responsible for any clean up resulting from the failure by their Employees or Suppliers to properly secure transported materials.	**Yes**	**No**	**N/A**	No clean-up has been required.
All manufactured and/or imported materials shall, where reasonably possible, be stored within the Contractor's camp and, if so required by the Engineer/ECO, out of the rain.	**Yes**	**No**	**N/A**	Correctly implemented. All bedding stockpiles have been removed. Further building material has been stored in the containers and in a fenced off area next to the Contractors site camp at T4/5. No materials are being stored at HAV1 Repl.

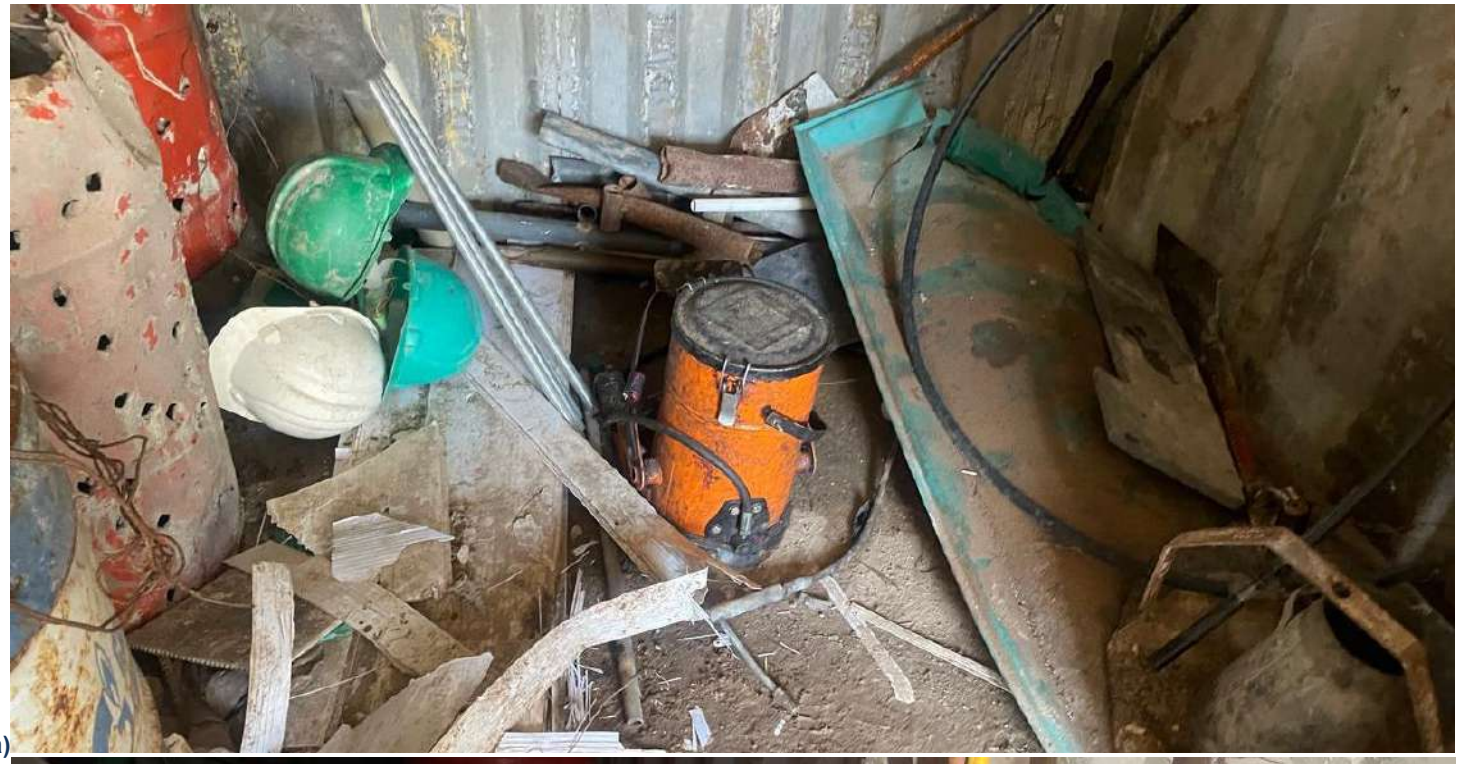


(a)

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
 **(b) 13-08-2025, 10:00 – Bedding material stockpiles have been removed from T4/5 (a) and (b).**				
The location and method of protection of such materials stored outside of the Contractor's camp and the method of rehabilitation of these areas, shall be subject to the Engineer/ECO's approval. Stockpile areas shall be approved by the Engineer/ECO before any stockpiling commences.	**Yes**	**No**	**N/A**	Correctly implemented.
Handling, Use and Storage of Hazardous Substances				
Surfaces where hydrocarbon spills may occur are adequately prepared to prevent pollution.	**Yes**	**No**	**N/A**	Correctly implemented.
The ECO has been informed of all hazardous substances stored onsite, and MSDSs have been provided.	**Yes**	**No**	**N/A**	MSDSs for petrol, diesel, cement, and Bricure are available in the site file.
Hazardous substances are stored in an appropriate area, in leak proof containers which are correctly labelled. Bunding the area will be required if necessary, as per the ECO.	**Yes**	**No**	**N/A**	Correctly implemented at T4/5. Hazardous substances are stored in the container at the site camp at T4/5. There are no hazardous chemicals at HAV1 Repl.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)

(a)



(b)



13-08-2025, 10:00 – Hazardous substances are stored in the container at the site camp at T4/5 (a) and (b).

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Spills are immediately contained, the source is isolated, and the spillage is removed. Cleanup is conducted by applying absorbent material or by removing contaminated soil.	Yes	No	N/A	No leaks or spills were observed by the ECO during the inspection, and as such, no spills have occurred since the 08-08-2025.
Treatment or remediation of the spill is done to the satisfaction of the ECO, with waste disposed of at a licensed facility and disposal slips provided to the ECO.	Yes	No	N/A	No spills were observed by the ECO during the inspection, and as such, no spills have occurred since the 08-08-2025. The contaminated material is stored inside the storage container at the site camp. See section “Cement and Concrete Batching” below.
Hydrocarbon Management (Fuels, Oils and lubricants)				
Hydrocarbon storage area is located where it does not pose a risk to sensitive ecosystems and or traffic and staff safety.	Yes	No	N/A	Fuel is stored in the container at the site camp at T4/5. See section “Handling, Use and Storage of Hazardous Substances” above. There is no machinery or equipment at HAV1 Repl.
Surfaces, where the possibility of hydrocarbon spillage exists, are prepared in such a way as to mitigate these risks.	Yes	No	N/A	Correctly implemented. A generator at T4/5 was correctly placed in a drip tray. 31-07-2025: Partial compliance at HAV1 Repl. This item will remain open as the Fencing Contractor will return to T4/5 to install a fence. The Fencing Contractor did not have a drip tray beneath the generator onsite, only some wooden boards. The Contractor was requested to obtain a drip tray.



(a)

(b)



(c)



13-08-2025, 10:00 – Two small generators correctly placed into drip trays at T4/5 with fire extinguishers (a) and (b). As well as a small pump on a drip tray (c).

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Drip trays are placed under all parked or stationary plant/vehicles/machinery, and these containers are inspected to ensure no leakage occurs.	Yes	No	N/A	Correctly implemented at T4/5. There was a drip tray beneath a small generator onsite. See photograph above. There is no machinery or equipment at HAV1 Repl.
Diesel/fuel is stored in sound storage tanks or in bowsers, and the tanks/bowsers are placed within a bunded area or on an area where the ground has been protected.	Yes	No	N/A	Fuel is stored in the container at the site camp when not in use. See section “Handling, Use and Storage of Hazardous Substances” above. There is no machinery or equipment at HAV1 Repl.
A spill kit is available on-site at all times, and unauthorized access to the fuel storage area is prevented.	Yes	No	N/A	A spill kit is available at the site camp at T4/5.
No smoking is permitted near the fuel storage area.	Yes	No	N/A	Correctly implemented. Smoking occurs at the site camp at T4/5. Not required at HAV1 Repl. as there are no Contractors onsite.
 **13-08-2025, 10:00 – Smoking area at the site camp at T4/5.**				
The Contractor has ensured that there is adequate fire-fighting equipment at the fuel stores.	Yes	No	N/A	Correctly implemented. See section “Fire Control” below.
Fuel containers are secured during transport.	Yes	No	N/A	Correctly implemented.
The surface under the refuelling area is protected against pollution to the ECO's satisfaction prior to refuelling activities. Equipment is refuelled with the use of drip trays.	Yes	No	N/A	No refuelling has been observed by the ECO.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Plant				
Equipment selection and operation are done with environmental degradation minimized, and equipment operators are made aware of environmental requirements and controls. Environmental training registers are kept on file onsite.	**Yes**	**No**	**N/A**	Correctly implemented. All machine operators have received Environmental Awareness Training by the ECO. See section “Environmental Awareness Training” above.
Equipment Maintenance and Storage				
Leaking equipment or vehicles emitting noticeably excessive fumes are repaired immediately or removed from Site.	**Yes**	**No**	**N/A**	There are no vehicles or equipment onsite which are leaking or emitting excessive fumes.
Vehicles and machinery are serviced off-site, or if onsite maintenance is necessary, it is done outside sensitive areas, with prior approval from the Engineer and ECO. Portable drip trays on plastic are used to collect waste oil and lubricants to prevent environmental contamination.	**Yes**	**No**	**N/A**	There are no vehicles or machinery onsite which are in need of repairs.
Drip trays are provided in construction areas for stationary/parked equipment, inspected and emptied daily, and monitored during rain events to prevent overflow. The Contractor ensures that equipment is covered so that rainwater is excluded from the drip trays.	**Yes**	**No**	**N/A**	Correctly implemented. Hazardous liquid waste is stored in a labelled bottle on a drip tray in the storage container at the site camp at T4/5. See photograph in section “Hydrocarbon Management (Fuels, Oils and lubricants)” above.
Oil from drip trays is stored in clean drums on protected ground and removed regularly to an oil-recycling centre. Proof of disposal is kept on file onsite.	**Yes**	**No**	**N/A**	The amount of oil in drip trays has been minimal and is not sufficient to be stored in a drum for recycling. The Contractor is wiping excess oil with a rag and placing the rags into the solid hazardous waste drum in the storage container at T4/5 to be disposed of in due course. Proof of disposal still to be provided when disposed of.
Washing of equipment onsite is strictly prohibited.	**Yes**	**No**	**N/A**	No washing of equipment covered in hydrocarbons has occurred. Washing of cement covered tools has been allowed. See section “Cement and Concrete Batching” below.
Cement and Concrete Batching				
Batching will only occur in areas which are located on a smooth impermeable surface (concrete or 250 pm plastic) and cement is batched (mixed) in a bunded area within the boundaries of the development footprint.	**Yes**	**No**	**N/A**	The area where the Contractor was mixing cement on the unprotected ground at T4/5, during the inspection on the 08-08-2025, has been dug up and is being backfilled with subsoil. 31-07-2025: The Fencing Contractor was observed mixing cement in a wheelbarrow without ground protection. This Non-Compliance remains open as further fence installation work is planned at T4/5.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
 **13-08-2025, 10:00 – The affected area at T4/5 is being backfilled with subsoil.**				
Cement is stored within weatherproof facilities/covered to prevent environmental contamination.	**Yes**	**No**	**N/A**	Correctly implemented. Cement bags are kept in the container at the site camp at T4/5. Onsite they are kept in a hessian bag to prevent dry cement from contaminating the environment. There were no cement bags onsite at HAV1 Repl.
(a) 				

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
 (b) **13-08-2025, 10:00 – Cement bags are stored inside a rubbish bag in the container at the site camp at T4/5 to contain the dry cement (a). Onsite, empty cement bags are kept in a hessian bag to prevent environmental contamination (b).**				
All wastewater resulting from batching of cement/concrete is disposed of via the contaminated water management system and is not discharged into the environment.	**Yes**	**No**	**N/A**	Correctly implemented. Cement covered tools are washed in a large drum onsite. Sediments will be allowed to settle and disposed of as rubble when necessary.
Waste water from cement/concrete works and tool washing will be directed into a sump lined with bidim.	**Yes**	**No**	**N/A**	No sump has been dug at the site camp at T4/5. The Contractor is washing tools in a water drum. No cement work is underway at HAV1 Repl.
Once work is complete the bidim sump will be removed and the waste material will be disposed of at a licenced facility.	**Yes**	**No**	**N/A**	Not required at this stage. Waste sediments are allowed to settle at the bottom of the drum and will be disposed of at a licenced facility when necessary.
Diversion berms are installed to direct contaminated water to a storage area, and contaminated water storage areas are protected from overflow, rain, and flooding.	**Yes**	**No**	**N/A**	Not required at this stage.
Sand, aggregate, cement or additives used during the mixing process are stored and appropriately and to prevent contamination of the surrounding environment.	**Yes**	**No**	**N/A**	Correctly implemented at T4/5. No cement work is underway at HAV1 Repl.
Empty cement bags are stored in weatherproof containers to prevent contamination and are disposed of regularly through the hazardous waste management system.	**Yes**	**No**	**N/A**	Correctly implemented. See photographs above.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Reasonable measures are taken by the Contractor to prevent cement/concrete spillage during batching and construction. The ground beneath the shoots of cement trucks shall be protected with plastic sheeting.	Yes	No	N/A	Correctly implemented. See photographs above. 31-07-2025: It was noted during the inspection that the Fencing Contractor was mixing cement for the fence post foundations inside a wheelbarrow but with no mitigation measures beneath. This item will remain open as the Contractor will be returning to T4/5 to install a fence. Some minor cement spills were observed around the foundations of the fence posts. The Contractor was requested to dig up the spills and dispose of them as rubble.
 **13-08-2025, 10:00 – Example photograph of spilled cement from the fence post foundations is still to be picked up by the Fencing Contractor.**				
Spoiled or excess aggregate/cement/concrete is removed and disposed of through the solid waste management system, with a disposal certificate retained in the site file.	Yes	No	N/A	Once picked up, the spilled material from HAV1 Repl. will be disposed of as rubble.
Ablution and Toilet Facilities				
Washing, defecating, and urinating are only permitted at designated facilities.	Yes	No	N/A	No washing, defecating, or urinating has occurred outside of toilet facilities at either site.
Ablution facilities, including shelter, toilets, and washing facilities, are provided by the Contractor for all personnel onsite. Toilet facilities are provided at a ratio of at least 1 toilet per 30 workers (1:15 preferred).	Yes	No	N/A	Correctly implemented at both sites.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Toilet facilities are located within the Contractor's camp, but also at work areas remote from the camp, all to the satisfaction of the ECO.	Yes	No	N/A	Correctly implemented at both sites.
All portable toilets are adequately secured to the ground to prevent them toppling over because of wind or any other cause, and latched closed to prevent fauna getting in.	Yes	No	N/A	Correctly implemented at both sites.
The Contractor has ensured that the entrances to these toilets are maintained in a hygienic state, serviced regularly, that no spillage occurs when they are cleaned and that contents are removed from Site.	Yes	No	N/A	Correctly implemented at both sites.
Discharge of waste from toilets into the environment and burial of waste is strictly prohibited.	Yes	No	N/A	No waste from toilets has been buried.
No ablution facilities are located closer than 50 m to any watercourse, wetland or other surface water body.	Yes	No	N/A	Correctly implemented at both sites.
Water Use				
Water is conserved wherever possible, with efforts to minimize usage and immediate attention given to any wastage.	Yes	No	N/A	Correctly implemented.
Water for potable use is sourced from a legal source, and the Contractor absolves the Employer of all risk or liability regarding compliance with relevant statutory obligations.	Yes	No	N/A	Correctly implemented. Water for construction at both sites is taken from the municipal line running from the old HAV1 borehole. The water is transported to T4/5 in jerry cans.
Water is not abstracted from private property without the prior written approval of the Landowner.	Yes	No	N/A	Correctly implemented. Permission was given to the Contractor by the Overstrand Municipality to use the groundwater from the old HAV1 borehole.
Only non-potable water from an approved source is used for construction activities such as dust suppression, etc.	Yes	No	N/A	Correctly implemented.
Water for construction purposes is bought to site in bowsers and stored in appropriately if required.	Yes	No	N/A	Water for T4/5 is transported in jerry cans when needed. It has been stored in an open container onsite and is used for the washing of cement covered tools when required, in lieu of a bidim-lined sump in the ground. The open container is currently being used to clean mud and cement off tools at the end of the trench at T4/5.
The Contractor ensures that the re-use of construction water is maximised.	Yes	No	N/A	Correctly implemented.
Fire Control				
The Contractor takes adequate precautions to ensure that the fire hazard on and near the site is reduced to a minimum and no fires have occurred/ been lit onsite.	Yes	No	N/A	Correctly implemented. No fires have occurred at either site.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Any fires which occur are reported to the ECO immediately.	Yes	No	N/A	No fires have occurred at either site.
Smoking is only permitted in designated smoking areas, which are demarcated, equipped with ash trays and fire-fighting equipment, and located away from fire hazards such as fuel storage, refuelling areas, or dense/grassy vegetation.	Yes	No	N/A	Correctly implemented at the site camp at T4/5. There are no fire extinguishers onsite at HAV1 Repl. as the Contractor is not onsite.
A Fire Officer (may be the ESO) is appointed by the Contractor to ensure immediate and appropriate actions in the event of a fire and to make employees aware of the fire procedure.	Yes	No	N/A	Correctly implemented.
The relevant authority is notified immediately when a fire starts, without waiting until it can no longer be controlled.	Yes	No	N/A	No fires have occurred at either site.
The Contractor has ensured that there is always suitable and sufficient firefighting equipment available onsite.	Yes	No	N/A	Correctly implemented at the site camp at T4/5. There are no fire extinguishers onsite at HAV1 Repl. as the Contractor is not onsite.
The Contractor has submitted an EMS to the ECO covering the procedure to be followed in the event of a fire.	Yes	No	N/A	Correctly implemented.
Necessary materials and equipment for dealing with oil, fuel, and hazardous substance spills (spill kits) and leaks are always onsite and up to date as a pre-emptive fire protection method.	Yes	No	N/A	Correctly implemented. There is a spill kit in the container at the site camp at T4/5.
The storage of hazardous/flammable materials and substances complies with national, provincial, and local regulatory requirements.	Yes	No	N/A	Correctly implemented.
Hot works				
Any welding and/or hot work has been undertaken with the necessary safety equipment, i.e., welding screens with functional/serviced fire extinguishers onsite.	Yes	No	N/A	No hot works have been required at this stage.
Designated staff have undergone fire-safety training and are certified to operate fire extinguishers and put out fires safely and quickly.	Yes	No	N/A	Correctly implemented.
Solid Waste Management, Litter and Refuse				
The site is kept neat and clean, and littering is prohibited.	Yes	No	N/A	Correctly implemented at T4/5. It is noted that there is a lot of litter at the end of the trench line which is coming from a stormwater drain and is unrelated to the Contractor and the installation of the pumphouse and pipeline. A large amount of litter was observed around the site area at HAV1 Repl. This has been outstanding since the 08-08-2025.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)

(a)



(b)



(c)



Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)

(d)



(e)



13-08-2025, 10:00 – Litter around the site area at HAV1 Repl. is yet to be picked up (a) to (d). Litter at the end of the working area coming from a stormwater drain (e) unrelated to current works.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Burying or dumping of waste materials, vegetation, litter, or refuse onsite is prohibited.	Yes	No	N/A	As above.
Lockable and weatherproof bins with lids are provided in sufficient number and capacity to store daily solid waste. Lids are kept firmly on the bins, and they are emptied regularly, at least once a week, to prevent overflow.	Yes	No	N/A	Correctly implemented at T4/5. The Contractor has obtained lockable bins for both sites. They have been labelled “R” for recyclable waste and “G” for general waste. The bins at T4/5 are at the site camp in the common area. The bin at HAV1 Repl. was overflowing and during the inspection on the 08-08-2025. This has since been removed from site and returned to the site camp at T4/5 as the Contractor is no longer working at HAV1 Repl.

(a)

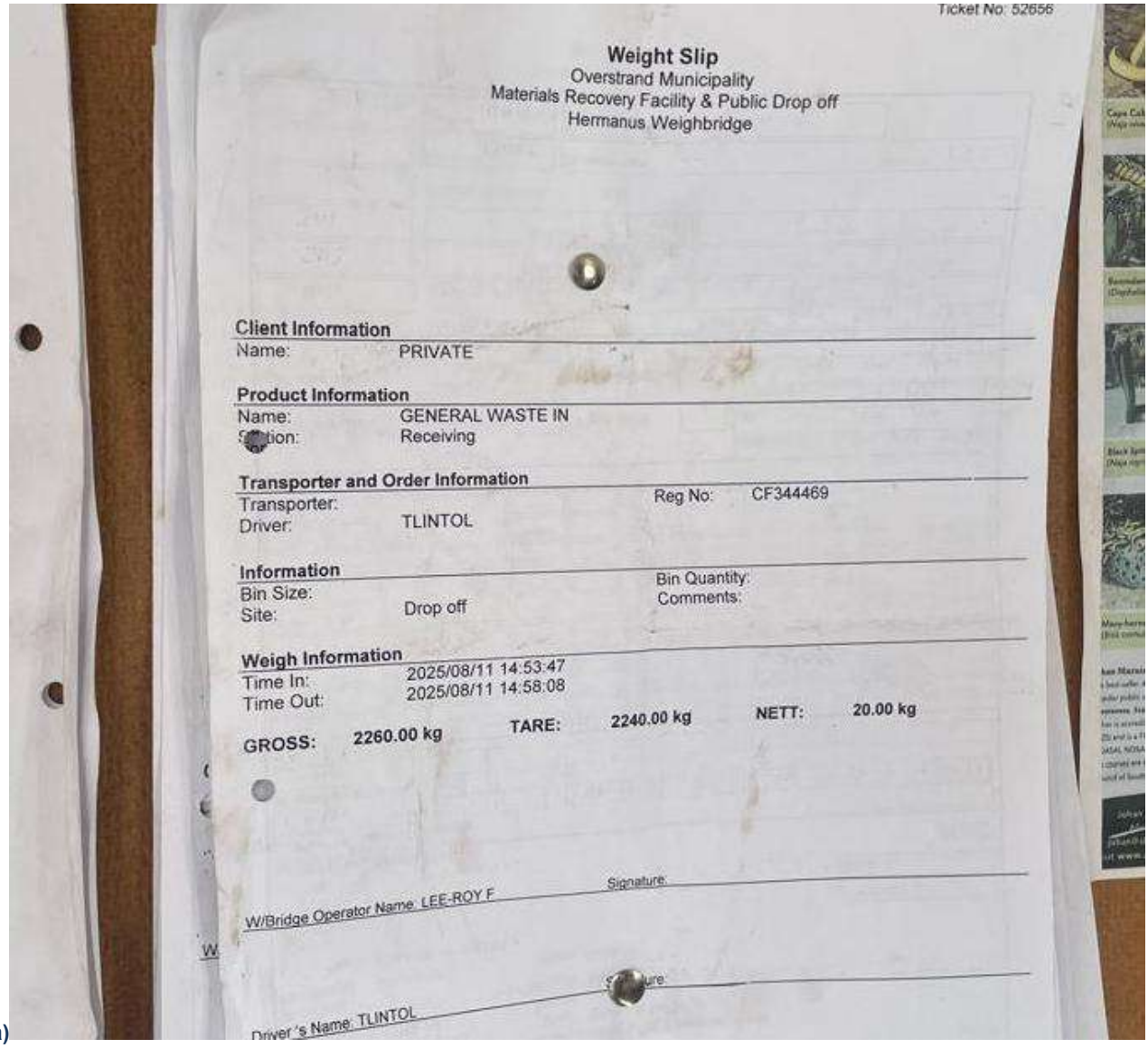


(b)



13-08-2025, 10:00 – The waste bin from HAV1 Repl. is now in the container at the site camp at T4/5 (a). The bin at T4/5 is located in the common area at the site camp.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Waste from bins may be temporarily stored onsite in a central waste area that is weatherproof and scavenger proof (lockable), and which the ECO has approved.	Yes	No	N/A	No general waste is stored onsite
Refuse is recycled wherever possible, with containers provided for glass, paper, metals, and plastics, and contents delivered to suitable recycling facilities when necessary.	Yes	No	N/A	Correctly implemented.
All construction waste or spoil material is recycled wherever possible, either onsite or taken back to the Contractor's workshop for disposal, with disposal slips provided.	Yes	No	N/A	Correctly implemented.
All litter and refuse are disposed of offsite at an approved landfill site. The Contractor provides the ECO with a certificate of disposal and retains a copy in the Site file.	Yes	No	N/A	Correctly implemented. Waste disposal slips from the Civils Contractor are pinned to the board in the site office at T4/5.


Ticket No: 52656

Weight Slip
Overstrand Municipality
Materials Recovery Facility & Public Drop off
Hermanus Weighbridge

Client Information
Name: PRIVATE

Product Information
Name: GENERAL WASTE IN
Station: Receiving

Transporter and Order Information
Transporter:
Reg No: CF344469
Driver: TLINTOL

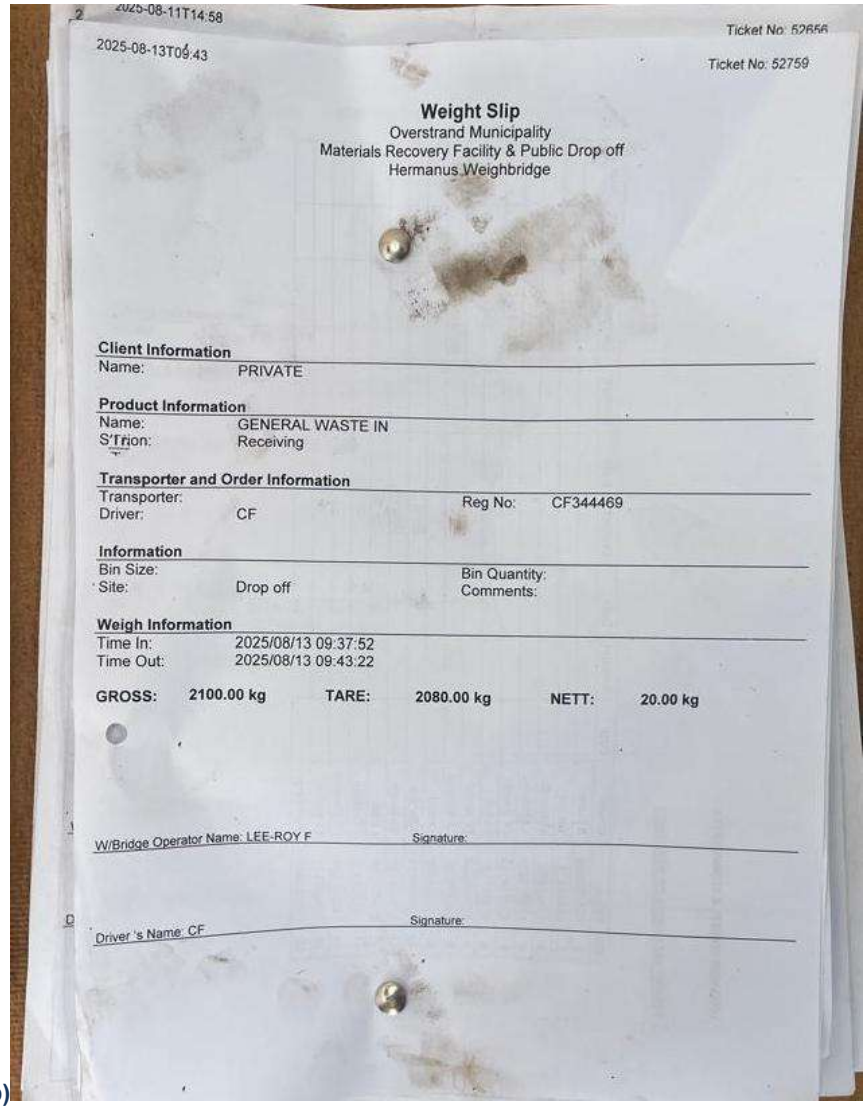
Information
Bin Size:
Bin Quantity:
Site: Drop off
Comments:

Weigh Information
Time In: 2025/08/11 14:53:47
Time Out: 2025/08/11 14:58:08
GROSS: 2260.00 kg TARE: 2240.00 kg NETT: 20.00 kg

W/Bridge Operator Name: LEE-ROY F
Signature:
Driver's Name: TLINTOL

(a)

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)



(b) 13-08-2025, 10:00 – Waste disposal slips pinned to the notice board at the site camp at T4/5 for waste disposed on the 11-08-2025 (a) and 13-08-2025 (b).

Contaminated Water Management				
Water containing pollutants such as cement, concrete, lime, chemicals, oils, and fuels is discharged into a conservancy tank for removal to a licensed disposal facility. A certificate of disposal is retained in the Site file. This applies to water from concrete batching plants and runoff from fuel storage, refuelling, or equipment washing areas.	**Yes**	**No**	**N/A**	Correctly implemented. No disposal of such has been completed yet.
No paint products, chemical additives, or cleaners (e.g., thinners and turpentine) or their wash water are disposed of onsite.	**Yes**	**No**	**N/A**	There are no paint products onsite.
The Contractor notifies the ECO immediately of any pollution incidents onsite and takes all reasonable measures to contain and minimize the effects of the pollution.	**Yes**	**No**	**N/A**	No pollution incidents have occurred.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Lights				
The Contractor ensures that onsite lighting does not cause avoidable disturbances to surrounding users and does not attract unwanted insects or animals. All installed lighting is energy-efficient where practical and is turned off when not in use.	**Yes**	**No**	**N/A**	No work will be occurring at night at either site.
Noise				
The Contractor limits noise levels (for example, by installing and maintaining silencers on plant equipment or using hay bales to lessen the noise).	**Yes**	**No**	**N/A**	Not required at this stage. Will be implemented if required.
Employees are provided with adequate PPE with respect to ear protection.	**Yes**	**No**	**N/A**	As above.
No amplified music or sound equipment is allowed onsite. Audio equipment may only be used at low volumes to remain unobtrusive. Sound amplification is permitted only in emergency situations	**Yes**	**No**	**N/A**	No music or sound equipment present onsite at either site.
Dust Management				
The Contractor takes all reasonable measures to minimise the generation of dust.	**Yes**	**No**	**N/A**	Not required at this stage due to wet weather conditions.
Stockpiles are kept in sheltered areas and managed in the following manner: Stockpile slopes are minimized to a natural angle of repose; stockpile sizes have been limited to a maximum height of 2 meters and stockpiles not in active use have been covered with shade cloth or geofabric.	**Yes**	**No**	**N/A**	All subsoil stockpiles at T4/5 have been placed back into the trench as backfill material. Not required at HAV1 Repl.
Dust suppression (wetting or other best practicable environmental option) is used in and around the Construction area, along haul roads, at stockpiles, and any additional area indicated by the EO/ECO.	**Yes**	**No**	**N/A**	Not required at this stage due to wet weather conditions.
Dowsing, with non-potable water (not including treated effluent or seawater, which may not be used for any activities), is implemented to reduce and control dust fallout.	**Yes**	**No**	**N/A**	As above.
Construction Personnel Information Posters				
Environmental information posters (“dos and don’ts”) have been erected at eating areas and other common areas. Posters are maintained in good condition and replaced if damaged or illegible.	**Yes**	**No**	**N/A**	Correctly implemented. Environmental (“dos and don’ts”) posters and emergency numbers have been displayed at the site camp at T4/5. The ECO has a small white board pinned up in the site office which is updated weekly with items to be addressed by the Contractor. This is to aid in communication between the ECO and the Contractor’s team.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Emergency Procedures				
EMS procedures are in place for emergencies and are being followed.	**Yes**	**No**	**N/A**	No emergencies have occurred.
In the event of an emergency, the Overstrand Municipality's Emergency Call Centre has been contacted using the appropriate numbers. Emergency contact numbers, including the local firefighting service, are posted in the Contractor's office and near the onsite telephone, and are retained in the Site file	**Yes**	**No**	**N/A**	As above.
General Protections in Terms of the National Heritage Resources Act (25 of 1999)				
If any heritage resource is encountered, work is stopped immediately, and the Engineer and ECO are notified. In this case, the Engineer/ECO contacts the relevant Heritage Authority, and work proceeds only upon their approval.	**Yes**	**No**	**N/A**	No heritage resources have been discovered.
A copy of the Record of Decision issued by Heritage Authorities is kept onsite, and The Contractor complies with the heritage management specifics outlined in the EMPr.	**Yes**	**No**	**N/A**	As above.
Protection of Natural Features				
The Contractor does not deface, paint, damage or mark any natural features situated in or around the site for survey or other purposes, unless agreed beforehand with the Engineer, ECO and Landowner.	**Yes**	**No**	**N/A**	Correctly implemented.
Any features affected by the Contractor in shall be restored/rehabilitated to the satisfaction of the ECO and Landowner.	**Yes**	**No**	**N/A**	No features have been affected.
Protection of Flora and Fauna				
Vegetation and flora are not removed, damaged, or disturbed except as necessary for the works, as specified by the ECO.	**Yes**	**No**	**N/A**	Correctly implemented. Note: Beginning March 2025, during the overhead cable installation at T4/5, all vegetation beneath the cable was brush-cut and improperly treated. The area will be monitored until the alien vegetation can be correctly identified and treated with an appropriate herbicide for proper removal. It is noted that the vegetation has grown back and can be positively identified for proper removal. The Contractor will complete this in due course.
A Specialist has identified natural vegetation or rare/endangered flora to be preserved. The Contractor has demarcated these areas as "no-go areas" to protect the flora. Necessary measures have been taken to ensure the protection of identified flora.	**Yes**	**No**	**N/A**	Search and Rescue was completed by a Specialist for the pipeline route at T4/5 on 25-02-2025 and 08-05-2025. Not required at HAV1 Repl.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Equipment has not been driven across natural vegetation, where possible. Areas of needless vegetation destruction have been reinstated to the standard specified by the ECO.	Yes	No	N/A	Correctly implemented.
Trapping, poisoning, shooting, or hunting of animals, including collecting carcasses, is strictly prohibited. No domestic pets or livestock are permitted onsite, and Site staff are prohibited from keeping pets. Measures are in place to keep domestic and native animals from surrounding Landowners safe from unprotected Works.	Yes	No	N/A	No hunting has occurred.
Clearing of Vegetation				
Vegetation clearance is strictly limited to what is required for construction activities. A qualified Botanical Specialist has been appointed to identify and oversee the removal, rescue, and relocation of Species of Conservation Concern (SOCC).	Yes	No	N/A	Search and Rescue has been completed by a Specialist for the pipeline route at T4/5. See above. Not required at HAV1 Repl.
Vegetation clearance has been approved by the Botanical Specialist, in line with the approved EMPr. vegetation clearance is restricted to the exploration camp, approved access routes, and areas where vegetation interferes with construction activities. No undue or unnecessary vegetation removal has occurred.	Yes	No	N/A	Correctly implemented.
Approved vegetation clearance is undertaken by hand using handheld implements, cutting vegetation at ground level without uprooting. Root structures are not removed or tampered with, and roots are left intact and in situ as far as reasonably possible.	Yes	No	N/A	Correctly implemented by a Specialist for the pipeline route at T4/5. Remaining vegetation is to be included in the topsoil stockpiles as per the request of the Specialist. Not required at HAV1 Repl.
No tracked or wheeled mechanised equipment is used for vegetation clearance.	Yes	No	N/A	As above.
Vegetation clearance is conducted in phases to reduce erosion and water pollution. Clearing operations are scheduled to minimise the exposure time of cleared areas before construction starts. Cleared areas are stabilised as soon as possible where necessary.	Yes	No	N/A	As above.
Site clearance activities cease immediately upon encountering fauna. Fauna is safely relocated before activities resume.	Yes	No	N/A	As above.
Vegetation is disposed of at an approved disposal site. Burying or burning of vegetation is strictly prohibited. Cut vegetation is to be disposed of at a licensed landfill facility with slips provided to the ECO.	Yes	No	N/A	No further vegetation disposal has occurred.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Riparian and Instream Habitat				
No construction activities occur within riparian or wetland habitats.	**Yes**	**No**	**N/A**	Correctly implemented.
Topsoil Management				
Topsoil (up to 300 mm deep, or to bedrock if shallower) and root material from cleared vegetation are stripped for rehabilitation and revegetation. Stripping is done according to the specified depth.	**Yes**	**No**	**N/A**	Correctly implemented. Topsoil has been cleared along the entire length of the pipeline to avoid compaction from excavators and timeline delays. Note: All line items under this section are applicable to T4/5 only and not HAV1 Repl., as no topsoil will be cleared at HAV1 Repl.
Topsoil is stripped from all areas subject to compaction, as per environmental specifications and ECO direction. Topsoil from different areas is stockpiled separately and returned to its original location, as well as stored separately from subsoil.	**Yes**	**No**	**N/A**	All required topsoil along the pipeline route has been cleared.
Topsoil is covered with shade cloth or geofabric to prevent desiccation.	**Yes**	**No**	**N/A**	All topsoil stockpiles are sufficiently covered with netting.



13-08-2025, 10:00 – The one topsoil pile which was insufficiently covered during the inspection on the 08-08-2025 has since been recovered to prevent degradation.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Stockpiles are placed on previously disturbed areas or areas with minimal environmental impact. Stockpiles do not exceed 2 m in height and maintain a natural angle of repose.	Yes	No	N/A	Subsoil stockpiles at T4/5 have been placed outside of the demarcated area on top of vegetation. The Contractor has been instructed by the Rehabilitation Specialist to remove the subsoil by hand to prevent damage to vegetation and topsoil. The Contractor has removed the majority of the excess soil from the upslope area along the trench at T4/5. They are in the process of removing the final soil by hand and reprofiling the area to the correct profile. The middle section of the trench is very wet as the soil is heavily clay based. The Contractor may leave this section and return in the dryer months to reprofile the area.



(a)

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
 **(b) 13-08-2025, 10:00 – Removal of excess subsoil from the stockpile areas on both sides of the trench at T4/5 (a). Some areas are still to have the excess soil removed by hand (b).**				
Erosion control measures (e.g., bund walls) are in place to prevent stockpile erosion and compaction. Stockpiles do not obstruct water flow or cause water damming.	**Yes**	**No**	**N/A**	Correctly implemented for all topsoil stockpiles. Subsoil stockpiles have been returned as backfill and therefore these mitigation measures are not applicable.
Topsoil and subsoil are stockpiled separately and reinstated in reverse order. Topsoil is only handled during removal and reinstatement. Replaced soil is compacted and levelled with adjacent areas, especially near watercourses.	**Yes**	**No**	**N/A**	Correctly implemented. Subsoil stockpiles have been returned. Topsoil will be reinstated by the Rehabilitation Contractor once the pipeline has been completed.
Erosion and Sedimentation Control				
Any erosion or sedimentation on or off-site has been identified and reported. Rectification measures, as specified by the ECO, have been implemented.	**Yes**	**No**	**N/A**	Erosion is occurring along the access road to HAV1 Repl. and will be addressed if and when necessary. There is no erosion occurring at T4/5. See section “Access Routes/Haul Roads” above.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Any tunnels or erosion channels have been backfilled, compacted, and restored.	Yes	No	N/A	The existing trench, adjacent to which the pipeline will be laid, is already existing on the property. The Contractor is in the process of reprofiling the area to reinstate the Landowner's trench at T4/5. This includes installation of stormwater pipes as per the Landowner's original trench and stormwater mitigations. Some sections of the berm (originally on the property) have been reinforced with subsoil in two places by the Contractor, at the request of the Landowner.

(a)



(b)



(c)



(d)



(e)



Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
 **(f) 13-08-2025, 10:00 – The Contractor is in the process of reinstating the old trench (a) and stormwater pipes to facilitate stormwater flow around the Landowner's house at T4/5 (b) to (d). As well as reinforce the Landowner's berm in two places (e) and (f).**				
Cleared areas have been stabilised to prevent erosion, as per ECO's guidance.	**Yes**	**No**	**N/A**	This has not yet been required.
Earthworks Management				
Excavated trenches are demarcated and fenced off as "no-go" areas when no Construction activity is underway. Trenches and excavations are backfilled as soon as possible, ideally during pipeline/cabling laydown.	**Yes**	**No**	**N/A**	Majority of the trench at T4/5 is closed with only breather manhole rings to still be installed. Note: All line items under this section are applicable to T4/5 only and not HAV1 Repl., as no further earthworks are required at HAV1 Repl.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Open trenches are inspected daily for trapped animals, and any found are safely relocated. Excavation in watercourses/wetlands occurs only in the dry season and is avoided during predicted heavy rains.	Yes	No	N/A	Correctly implemented. All trenches are inspected daily for fauna which may be trapped, and none have been found to date. Note: The existing trench, adjacent to which the pipeline will be laid, is already existing on the property. The Contractor is in the process of reprofiling the area to reinstate the Landowner's trench and stormwater pipes at T4/5. See photographs in section "Erosion and Sedimentation Control" above.
Soils are appropriately compacted according to the natural soil characteristics of the area to preserve future surface and subsurface drainage through the previously trenched areas.	Yes	No	N/A	Correctly implemented. Trenches have been backfilled with original subsoil and local bedding material. Topsoil will be returned by a Rehabilitation Specialist in due course.
Stockpiles are kept free of weeds throughout construction. Stockpiles are not placed within the 1:20 flood line, within 50 m of wetlands/watercourses, or outside designated areas in construction diagrams.	Yes	No	N/A	Subsoil stockpiles have been placed outside of the demarcated area at T4/5. The Contractor has removed the majority of the excess soil from the upslope area along the trench. They are in the process of removing the final soil by hand and reprofiling the area to the correct profile. See section "Topsoil Management" above.
Only backfill material from an approved, alien-free source is used. Backfill is free of foreign matter such as litter, waste, vegetation, and seed stock.	Yes	No	N/A	Trenches have been backfilled with original subsoil material and clean bedding has been sourced from a local company. Topsoil will be returned by a Rehabilitation Specialist in due course.
Changes in natural gradients due to Construction activities are avoided where possible or mitigated by levelling the slope to the original gradient during rehabilitation.	Yes	No	N/A	The existing trench, adjacent to which the pipeline will be laid, is already existing on the property. The Contractor is in the process of reprofiling the area to reinstate the Landowner's trench at T4/5.
Trenching				
Trenching for services shall be undertaken in accordance with the engineering specifications with the following environmental amplifications.	Yes	No	N/A	Correctly implemented.
A buffer zone must be implemented for each wetland/watercourse and construction within the buffer zone must be restricted to the trench line and working side of the trench.	Yes	No	N/A	Trenching will not occur adjacent or next to a wetland and/or watercourse.
Soil shall be excavated and used for refilling trenches i.e., soil from the first trench shall be excavated and stockpiled, thereafter soil from the second excavated trench length shall be used to backfill the trench behind it once the services have been laid. The last trench shall be filled using the soil stockpiled from the first trench.	Yes	No	N/A	The majority of the trench at T4/5 has been backfilled with only small sections open for the installation of breather manholes.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
 **13-08-2025, 10:00 – Example of a breather manhole along the pipeline at T4/5 which is still to be cast and the trench backfilled, and the manhole ring installed.**				
Trench lengths shall be kept as short as practically possible before backfilling and compacting.	**Yes**	**No**	**N/A**	The majority of the trench at T4/5 has been backfilled with only small sections open for the installation of breather manholes.
Trenches shall be re-filled to the same level as (or slightly higher to allow for settlement) the surrounding land surface to minimise erosion.	**Yes**	**No**	**N/A**	The existing trench, adjacent to which the pipeline will be laid, is already existing on the property. The Contractor is in the process of reprofiling the area to reinstate the Landowner's trench at T4/5.
Protection of Watercourses, Waterbodies and Wetlands				
The Contractor ensures that all watercourses and waterbodies are protected from contamination or degradation as a result of their activities, including protection from direct or indirect spills of pollutants.	**Yes**	**No**	**N/A**	No watercourses and/or waterbodies have been contaminated or degraded. It is expected that stormwater (or rainwater runoff) will be heavily silted after flowing through the construction area, however, a Freshwater Specialist is monitoring downslope ecosystems for potential impacts.
In the event of a spill, prompt action (as planned and approved in the Emergency Plan Method Statement) is taken to clear the polluted or affected areas, and the Engineer and ECO has been notified immediately.	**Yes**	**No**	**N/A**	Correctly implemented.
No activities occur within wetland areas unless necessary, with approval from the Engineer and ECO.	**Yes**	**No**	**N/A**	Correctly implemented.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Stormwater, Runoff Management and General Water Management				
No stormwater containing waste, or water containing waste emanating from Construction activities is discharged into a watercourse or waterbody.	**Yes**	**No**	**N/A**	Correctly implemented. The Contractor has closed the majority of the pipeline trench. The Landowner's trench is in the process of being reinstated and the original stormwater design will be reinstated. Stormwater is currently not being diverted but is allowed to seep into the soil where the trench has been backfilled. See photographs in section "Erosion and Sedimentation Control" above. Stormwater management is not required within the site area at HAV1 Repl., however, erosion is still looked out for.
Uncontaminated water is removed from the site by allowing it to seep back into the soil around the site.	**Yes**	**No**	**N/A**	As above.
Suitable control of runoff is ensured during the Construction phase to prevent erosion of topsoil on stockpiles and adjacent land and undeveloped portions of the site. Erosion is monitored, and mitigation measures are implemented including, but not limited to, utilisation of sandbags and berms to prevent water from engrossing on sensitive ecosystems and to focus drainage into soft sands around the site.	**Yes**	**No**	**N/A**	Correctly implemented. There is currently one section of runoff which is flowing next to the footpath and into the trench. The flow of water was impeding construction and has been diverted into the trench (the original Landowner's trench), see above. There has been no erosion observed thus far (with the exception of the access roads). The stormwater is now running in the original Landowner's trench as it was prior to construction. See section "Erosion and Sedimentation Control" above.
Clean water and dirty water systems are managed independently and be kept separately.	**Yes**	**No**	**N/A**	Not required at this stage as there are no construction materials present in the water from the trench. Sediments coming from the trench stormwater are considered clean in situ material (soluble soils and clays in solution). Thus the water is considered to be clean.
Erosion and stormwater management measures, such as berms, silt fences, and/or hessian curtains, have been implemented to prevent sedimentation of freshwater features and divert stormwater away from erosion-prone areas. Erosion control measures are being monitored regularly throughout the construction phase to ensure effectiveness.	**Yes**	**No**	**N/A**	Stormwater is currently not being diverted but is allowed to seep into the soil where the trench has been backfilled. The stormwater is now running in the original Landowner's trench as it was prior to construction. There are currently no bunded areas onsite.
Stormwater is directed towards stabilised areas to dissipate the energy of water flow. No ponding of stormwater is occurring on the site. Stormwater is confined to a dedicated stormwater channel on the Site. Stormwater from bunded areas is collected in a suitable container for proper disposal off-site.	**Yes**	**No**	**N/A**	Stormwater is currently not being diverted but is allowed to seep into the soil where the trench has been backfilled. The stormwater is now running in the original Landowner's trench as it was prior to construction. There are currently no bunded areas onsite.
Increased runoff from vegetation clearance and/or soil compaction is being managed to prevent erosion and silt entry into streams.	**Yes**	**No**	**N/A**	Stormwater is currently not being diverted but is allowed to seep into the soil where the trench has been backfilled.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Temporary Site Closure				
In the event of temporary site closure (for a period exceeding one week), the Contractor's ESO shall carry out checks and report on compliance to the ECO.	**Yes**	**No**	**N/A**	Neither site is currently temporarily closed.
Fire extinguishers are serviced and accessible.	**Yes**	**No**	**N/A**	As above.
There is adequate ventilation in enclosed spaces.	**Yes**	**No**	**N/A**	As above.
All hazardous substance stores are securely locked.	**Yes**	**No**	**N/A**	As above.
Fencing and barriers are in place.	**Yes**	**No**	**N/A**	As above.
Emergency and management contact details are prominently displayed and available.	**Yes**	**No**	**N/A**	As above.
Wind and dust mitigation measures e.g., straw, brush packs, irrigation, etc. are in place.	**Yes**	**No**	**N/A**	As above.
Excavated and filled slopes and stockpiles are at a stable angle and capable of accommodating normal expected water flows.	**Yes**	**No**	**N/A**	As above.
There are sufficient detention ponds or channels in place.	**Yes**	**No**	**N/A**	As above.
Cement and materials stores are secured.	**Yes**	**No**	**N/A**	As above.
Toilets are empty, secured, and lockable.	**Yes**	**No**	**N/A**	As above.
Central waste area and all refuse bins are empty and secured.	**Yes**	**No**	**N/A**	As above.
Contaminated water conservancy tank empty.	**Yes**	**No**	**N/A**	As above.
Any bunded areas are clean and treated with an approved product where applicable (e.g., Spill Sorb or Enretech #1 Powder or equivalent).	**Yes**	**No**	**N/A**	As above.
Drip trays are empty and secure.	**Yes**	**No**	**N/A**	As above.
Excavations should not be left open during temporary closures. If an excavation must remain open during temporary closure, then someone must check the excavation on a regular basis for the presence of animals and for the need to de-water (especially after rainfall).	**Yes**	**No**	**N/A**	As above.
Demolition and Removal of Structures				
The Contractor demolishes and removes from site everything not forming part of the Permanent Works, prior to landscaping and rehabilitation.	**Yes**	**No**	**N/A**	Work is ongoing. Not required at this stage.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
All material generated from the demolition and removal of structures from site are appropriately disposed of if not reused. All incidental excavations are refilled and adequately compacted and rehabilitated.	**Yes**	**No**	**N/A**	As above.

The responsible personnel shall identify the root cause of Non-Compliance found and adopt the appropriate Corrective and Preventive Actions for mitigation measures. Confirmation of the effectiveness of the Corrective and Preventive Actions shall be verified by the ECO and approved by the Overstrand Municipality within an agreed time.



Date: 13-08-2025

(Environmental Control Officer: Melissa Weeks)

ENVIRONMENTAL SITE INSPECTION

Revision 1

Project and Site Information			
Date	22-08-2025	**Site Location**	HAV1 Repl.: -34.398490°; 19.209445° T4/5: -34.375420°; 19.246203°
Time	11:00	**Site Owner**	HAV1 Repl.: Overstrand Municipality T4/5: Bouchard Finlayson Winery
Project Title	972 – Hemel en Aarde Expansion	**Inspected By**	ECO Melissa Weeks
Contract	SC2504_2024 Civil, Mechanical & Electrical	**Stage / Status during Inspection**	HAV1 Repl.: The borehole pumping trial period is underway. It is noted that the ECO was unable to access the site area inside the fence as the gate was locked. T4/5: The borehole pumping trial period is underway. Final reprofiling and installation of breather manhole rings underway. Note: The site camp at T4/5 will serve for both it and HAV1 Repl.
Corresponding Method Statement	Environmental Method Statement: Supply and Install Mechanical, Electrical and Civil Borehole Hermanus	**Environmental Method Statement Date**	17-02-2025

Summary of Non-Compliance Issues				
Site / Area	**Aspect**	**Date Identified**	**Date Corrected**	**Action Taken**
T4/5	The drip tray beneath the excavator onsite is broken and needs to be replaced.	14-03-2025	03-04-2025	The Contractor was requested to obtain a new drip tray.
	The excavator arm is leaking oil, which is currently dripping onto the excavator itself rather than the ground. However, the ground beneath is not protected by a drip tray, creating a risk of contamination if the oil starts to drip further.	14-03-2025	03-04-2025	Although no oil has spilled onto the ground yet, the Contractor was instructed to place a drip tray beneath the arm as a precaution and to either repair the leak or remove the excavator from the site. On the 20-03-2025 it was noted by the ECO that a drip tray has been placed below the dripping arm of the excavator. On the 27-03-2025 it was noted that a cloth was used to temporarily stop the dripping of oil from the excavator.
HAV1 Repl. & T4/5	There are no bins onsite.	14-03-2025	25-04-2025	The Contractor was requested to obtain bins for general, hazardous and recycling waste.

Summary of Non-Compliance Issues				
Site / Area	**Aspect**	**Date Identified**	**Date Corrected**	**Action Taken**
T4/5	There are no environmental ("dos and don'ts") posters/signs on display at the site camp.	14-03-2025	27-03-2025	The Contractor was requested to display an environmental awareness poster.
HAV1 Repl.	There is no smoking area defined onsite.	20-03-2025	27-03-2025	The Contractor was requested to set up a smoking area with a nearby fire extinguisher.
	Partial Compliance. There is no defined eating area for staff onsite.	20-03-2025	10-04-2025	The Contractor was requested to define an eating area onsite.
	Partial Compliance. The toilet is latched from the outside to prevent animals from entering but is not secured to prevent toppling.	20-03-2025	03-04-2025	The Contractor was requested to secure the toilet to the ground.
	There were no fire extinguishers onsite.	20-03-2025	27-03-2025	The Contractor was requested to take a fire extinguisher from the site camp to HAV1 Repl. every time they are working onsite.
HAV1 Repl. & T4/5	The working area at HAV1 Repl. has been demarcated with danger tape, but T4/5 has not been.	27-03-2025	03-04-2025	The Contractor was requested to demarcate the working area using temporary fencing.
	Disposal of both general waste and brush-cut alien vegetation has been completed. The Contractor reported that no disposal slips were issued by the municipal facilities.	03-04-2024	08-04-2025	The ECO visited the municipal facility to enquire about proof of disposal for the alien vegetation. Staff explained that they do not typically provide official stamps or signatures. However, a logbook of incoming vehicle registration plates is maintained. The ECO has requested that, if permitted, the Contractor take a photo of the logbook showing their vehicle's entry. The general waste facility does issue disposal slips when vehicles go over the weighbridge. If not, staff are usually willing to sign a slip provided by the Contractor. On 08-04-2025 the Contractor confirmed that they had attempted to obtain a disposal slip for the waste that had already been offloaded. However, the facility would not issue a slip retrospectively. Going forward, the Contractor has been instructed to use the weighbridge to ensure proper disposal documentation is provided.
HAV1 Repl.	An oily fuel drum has been used for staff to store their lunch bags. It is unclear whether the oil was present beneath the bags during the inspection on 10-04-2025.	17-04-2025	24-04-2025	The Contractor was requested to immediately remove the oily drum from site and place it in the container at site camp.

Summary of Non-Compliance Issues				
Site / Area	**Aspect**	**Date Identified**	**Date Corrected**	**Action Taken**
	Partial Compliance. Two small cement spills have been observed at HAV1 Repl.	17-04-2025	22-04-2025	The Contractor was requested to pick these up and place them with the excess rubble that is stored on a plastic sheet adjacent to the pumphouse for disposal.
	A small amount of litter was seen around the site area.	29-04-2025	29-04-2025	The Contractor immediately cleaned up the litter.
Site Camp	Partial Compliance. The Contractor does not have a copy of the MSDS for Bricure (cement sealant) onsite.	08-05-2025	29-05-2025	The Contractor was requested to obtain a copy of this MSDS for the site file. The ECO tried finding this online but was unsuccessful.
HAV1 Repl.	Partial Compliance. A section of the barrier fence around the site has blown over.	19-05-2025	05-06-2025	The Contractor was requested to reinstate the barrier fence. Note: on the 29-05-2025 a section of the barrier fence has been removed. The Contractor was requested to reinstate the barrier fence.
	Partial Compliance. The toilet onsite is secured to the ground but not latched.	19-05-2025	29-05-2025	The Contractor was requested to ensure that the toilets onsite are always latched closed to prevent animals from entering.
T4/5	The Contractor has separated the topsoil from the subsoil but has not demarcated the topsoil.	19-05-2025	29-05-2025	The Contractor was requested to cover topsoil with netting to ensure it is kept separate from subsoil and not mistakenly used as such.
	Partial Compliance. Topsoil has not yet been cleared along the pipeline route in some areas where the excavators are operating. If not removed promptly, it is at risk of becoming compacted.	19-05-2025	29-05-2025	The Contractor was instructed to remove the topsoil along the excavator route before excavation work continues.
	Topsoil stockpiles have not been covered with netting.	19-05-2025	30-06-2025	The ECO requested netting be placed over topsoil stockpiles for demarcation and to prevent erosion. 05-06-2025: Majority of the topsoil stockpiles have been covered with shade cloth, but not all.
	Some sections of the barrier tape have been buried by subsoil stockpiles which have been placed outside of the demarcated area.	29-05-2025	13-06-2025	The Contractor was requested to reinstate the danger tape.
	One generator onsite was correctly placed inside a drip tray, while the other was not. Additionally, the crane truck did not have any drip trays beneath it.	29-05-2025	05-06-2025	The Contractor was instructed to ensure that all generators are placed inside drip trays and not directly on the ground, and that all vehicles have appropriate drip trays positioned underneath them.

Summary of Non-Compliance Issues				
Site / Area	**Aspect**	**Date Identified**	**Date Corrected**	**Action Taken**
	Subsoil stockpiles have been placed outside of the demarcated area on top of vegetation.	05-06-2025	08-08-2025	The Contractor was requested to seek advice from the Rehabilitation Specialist on how to remove the soil without damaging the underlying vegetation. Note: The Contractor has been instructed by the Rehabilitation Specialist to remove the subsoil by hand to prevent damage to vegetation and topsoil.
	The majority of the trench remains open due to time constraints and the approaching rainy season, which has made it difficult for the Contractor to complete trenching and backfilling in smaller sections as outlined in the EMS.	05-06-2025	03-07-2025	The Contractor is making a consistent effort to comply with all other EMS conditions and continue work responsibly under the circumstances.
	The large excavator onsite is leaking oil from underneath onto a plastic sheet. This is a new leak and unrelated to the leak identified on 14-03-2025. No evidence of spills beneath the sheet are evident.	13-06-2025	03-07-2025	The Contractor was requested to repair the excavator or remove it from site. 19-06-2025: A small amount of oil dripped outside of the plastic area onto the ground despite the excavator being repaired. The small spill was immediately picked up. The Contractor was requested to repair the excavator again. 26-06-2025: A small oil spill occurred beneath the excavator due to leftover oil from recent repairs and the absence of a drip tray. The Contractor was instructed to clean the machine and carry out further repairs to identify and stop the leak.
	Partial Compliance. A small amount of cement spilled outside the shuttering.	13-06-2025	19-05-2025	The Contractor was requested to wait for the cement to dry and then pick it up and dispose of it as rubble.
Site Camp	The Electrical Contractor was to be inducted by the primary Contractor ahead of the installation of the electrical boxes. When the Contractor was asked to provide the ECO with an induction register, none could be provided.	03-07-2025	11-07-2025	The Contractor was requested to induct the Electrical Contractor and provide the ECO with a copy of the attendance register.
T4/5	Partial Compliance. The plastic beneath the small excavator had blown out from beneath the machine. The large excavator had drip trays beneath it, however, they were full of rainwater.	03-07-2025	11-07-2025	The Contractor was not onsite at the time of the inspection but was requested to rectify.

Summary of Non-Compliance Issues				
Site / Area	**Aspect**	**Date Identified**	**Date Corrected**	**Action Taken**
HAV1 Repl.	Partial Compliance. The security guard is smoking inside the hut, however, the cigarette buds are not being placed into the provided bin but rather on the ground outside the hut.	11-07-2025	18-07-2025	The security guard was requested to pick up the buds and place them in the bin.
T4/5	The large excavator onsite is leaking oil into a drip tray.	18-07-2025	31-07-2025	The Contractor was requested to fix the excavator or remove it from site.
	Some sections of barrier fencing are broken along the trench working area.	18-07-2025	08-08-2025	The Contractor was requested to reinstate the fencing.
	The TLB onsite was observed driving inside of the “no-go” area to dump material for backfilling. Fortunately, the ECO observed this on the first load of material and the vegetation was left slightly trampled but not damaged.	25-07-2025	31-07-2025	The TLB driver was instructed to only drive within the working area.
	Partial Compliance. Some topsoil stockpiles are no longer sufficiently covered with netting.	25-07-2025	13-08-2025	The Contractor was requested to re-cover the topsoil stockpiles.
HAV1 Repl.	Partial Compliance. The Fencing Contractor did not have a drip tray beneath the generator onsite, only some wooden boards.	31-07-2025	Pending	The Contractor was requested to obtain a drip tray. 08-08-2025: This item will remain open as the Fencing Contractor will return to T4/5 to install a fence.
	The Contractor was mixing cement for the fence post foundations inside a wheelbarrow but with no mitigation measures beneath.	31-07-2025	Pending	The Contractor was requested to mix cement with plastic beneath the mixing area to prevent spillage. 08-08-2025: This item will remain open as the Fencing Contractor will return to T4/5 to install a fence.
	A large amount of litter was observed around the site area.	08-08-2025	Pending	The Contractor was requested to remove the litter.
	Minor cement spills were observed around the foundations of the fence posts.	08-08-2025	22-08-2025	The Contractor was requested to pick up the cement which has spilled outside the foundations.
	The waste bin onsite is overflowing and not secured to prevent animals from accessing it.	08-08-2025	13-08-2025	The Contractor was requested to empty the bin and secure it to prevent animals from accessing it.
T4/5	The Contractor did not have a drip tray beneath an oil container and two jerry cans of fuel.	08-08-2025	13-08-2025	The Contractor was requested to ensure that all hazardous chemics were stored on drip trays onsite.

Summary of Non-Compliance Issues				
Site / Area	**Aspect**	**Date Identified**	**Date Corrected**	**Action Taken**
	The Contractor was seen mixing cement on the bare ground with no plastic or boards beneath. The cement is highly alkaline and without proper remediation no plants will grow back in the area following rehabilitation.	08-08-2025	08-08-2025	The Contractor was instructed to immediately dig up the area where the cement was being mixed. The spoil was to be used at backfill for the breather manholes, followed by subsoil to prevent contamination with topsoil.
	Partial Compliance at T4/5. The bin onsite is lockable but was not locked at the time of the inspection.	22-08-2025	Pending	The Contractor was requested to rectify this.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
General				
Is the overall appearance of the site visually acceptable and tidy?	**Yes**	**No**	**N/A**	Correctly implemented at HAV1 Repl. and T4/5.



(a)

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)

(b)



(c)



22-08-2025, 11:00 – The site is neat at HAV1 Repl. (a). The site camp at T4/5 is neat (b) and the installation of the breather manholes is nearly complete (c).

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
A copy of the EMS will always be available onsite in the site file.	Yes	No	N/A	A copy of the EMS, the BAR and the EA are available in the site file.
Environmental Awareness Training				
The Contractor ensures that all employees, and those of their Sub-Contractor, attend an Environmental Awareness Training Course (EATC), conducted by the ECO. The training will cover key environmental features of the working area, its surroundings, and the environmental controls outlined in this specification.	Yes	No	N/A	An EATC was given to staff on the 24-02-2025 at the Contractor's offices. Further training has been given by the ECO to local labour and/or Subcontractors onsite on the 20-03-2025, 03-04-2025, 12-05-2025, 19-05-2025, 29-05-2025, 03-07-2025, 18-07-2025, 25-07-2025, and the 31-07-2025.
The initial EATC shall be held within 28 days from the Commencement Date, and subsequent courses shall be arranged for new employees coming onto Site after the initial training course. Provision shall also be made for refresher courses to be undertaken on a quarterly basis during the Contract.	Yes	No	N/A	Correctly implemented.
The Contractor provides proof of attendance by all their employees in the form of a signed attendance register for each session. All environmental training registers are kept on file.	Yes	No	N/A	Correctly implemented.
Site Division, Demarcation and "No-Go" Areas				
The location, layout and establishment of the Contractors camp shall be approved by the ECO prior to the start of establishment.	Yes	No	N/A	Correctly implemented at both sites.
The Contractor restricts all their activities, materials, plant equipment and personnel to within the Site or any working areas specified or indicated on the drawings.	Yes	No	N/A	Correctly implemented at both sites.
Permanent and/or temporary fences have been erected and maintained in the locations specified in the Scope of Work or drawings, and, if specified, before the commencement of any construction activities.	Yes	No	N/A	A permanent fence has been erected at HAV1 Repl. See photograph in section "General" above. At T4/5, the Contractor has not reinstated the boundary tape along the upslope boundary of the trench line as they are in the process of removing the excess subsoil from beyond the boundary of the original demarcated area. The boundary fence will not be reinstated as the Civils Contractor is currently moving offsite.
Where environmentally sensitive areas are specified as "no-go" areas, no person, plant, equipment, or material shall enter these areas at any time, in accordance with the Contractor's authority.	Yes	No	N/A	No staff or machinery have been observed outside of the working area at both sites.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Access Routes/Haul Roads				
The Contractor controls the movement of all vehicles and construction equipment, including those of suppliers and subcontractors, ensuring they remain on designated routes and are distributed to prevent undue traffic concentration. All vehicle and equipment movement complies with relevant laws. The movement of such vehicles and construction equipment is planned and operated to minimise disruption to regular users of the routes.	**Yes**	**No**	**N/A**	Correctly implemented.
As far as possible the Contractor uses existing access and haul routes.	**Yes**	**No**	**N/A**	Correctly implemented.
Any damage to existing access roads caused by construction activities has been repaired to the satisfaction of the Engineer using material similar to the original. The cost of repairs has been covered by the Contractor.	**Yes**	**No**	**N/A**	The road leading to HAV1 Repl. is slowly being damaged by erosion, which happens regularly in this area. The Contractor will repair the road should it be deemed necessary for access. Not required at T4/5.
No new access roads or tracks have been constructed without the Landowner's consent.	**Yes**	**No**	**N/A**	Correctly implemented. No new access roads have been required.
Where new routes are required to gain site access, prior approval from the Engineer and ECO have been obtained. New access routes disturb the smallest possible area, avoid all "no-go" areas, and follow natural contours where possible.	**Yes**	**No**	**N/A**	No new routes are required at this stage.
Vehicle trips have been kept to a minimum to reduce vegetation damage, and all equipment has remained on the demarcated access route.	**Yes**	**No**	**N/A**	No staff or machinery have been observed outside of the working area at both sites.
All directional signage for vehicle and equipment movement required by the Contractor, their Subcontractors or Suppliers is of an approved design and located as approved by the Engineer.	**Yes**	**No**	**N/A**	No directional signage is currently required.
Eating Areas				
The Contractor has designated eating areas within the approved camp.	**Yes**	**No**	**N/A**	Correctly implemented at the site camp at T4/5. The eating area at HAV1 Repl. has been removed as the Contractor is not onsite for long periods of time.
The feeding of, or leaving of food for, animals is strictly prohibited.	**Yes**	**No**	**N/A**	No food is left out for animals.
Sufficient bins are provided in specified areas, and lockable bins are used where required to prevent animal access (especially baboons).	**Yes**	**No**	**N/A**	Correctly implemented at T4/5. There is no bin onsite at HAV1 Repl. as the Contractor is not onsite.
Any cooking onsite is done on well-maintained gas cookers with valid fire extinguishers present. No open fires for cooking purposes are permitted under any circumstances.	**Yes**	**No**	**N/A**	No cooking is being done onsite.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Materials Handling, Use and Storage				
The Contractor shall ensure that any delivery drivers and visitors to site are informed of all procedures and restrictions. A visitor's register has been kept on file.	**Yes**	**No**	**N/A**	Correctly implemented.
Materials shall be appropriately secured to ensure safe passage between destinations. Loads, will be secured appropriately to prevent them spilling from the vehicle during transit.	**Yes**	**No**	**N/A**	Correctly implemented.
The Contractor shall be responsible for any clean up resulting from the failure by their Employees or Suppliers to properly secure transported materials.	**Yes**	**No**	**N/A**	No clean-up has been required.
All manufactured and/or imported materials shall, where reasonably possible, be stored within the Contractor's camp and, if so required by the Engineer/ECO, out of the rain.	**Yes**	**No**	**N/A**	Correctly implemented. All bedding stockpiles have been removed. Further building material has been stored in the containers and in a fenced off area next to the Contractors site camp at T4/5. A small pile of gravel and sand from the fencing work is being stored at HAV1 Repl. which will be backfilled once the testing of the borehole is complete.



(a)

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)

(b)



(c)



22-08-2025, 11:00 – Some materials stored at the site camp at T4/5 (a) and (b). A small pile of gravel and building sand is stockpiled at HAV1 Repl. (c).

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
The location and method of protection of such materials stored outside of the Contractor's camp and the method of rehabilitation of these areas, shall be subject to the Engineer/ECO's approval. Stockpile areas shall be approved by the Engineer/ECO before any stockpiling commences.	Yes	No	N/A	Correctly implemented.
Handling, Use and Storage of Hazardous Substances				
Surfaces where hydrocarbon spills may occur are adequately prepared to prevent pollution.	Yes	No	N/A	Correctly implemented.
The ECO has been informed of all hazardous substances stored onsite, and MSDSs have been provided.	Yes	No	N/A	MSDSs for petrol, diesel, cement, and Bricure are available in the site file.
Hazardous substances are stored in an appropriate area, in leak proof containers which are correctly labelled. Bunding the area will be required if necessary, as per the ECO.	Yes	No	N/A	Correctly implemented at T4/5. Hazardous substances are stored in the container at the site camp at T4/5. There are no hazardous chemicals at HAV1 Repl.

(a)



(b)



22-08-2025, 11:00 – Hazardous substances are stored in the container at the site camp at T4/5 (a) and (b).

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Spills are immediately contained, the source is isolated, and the spillage is removed. Cleanup is conducted by applying absorbent material or by removing contaminated soil.	Yes	No	N/A	No leaks or spills were observed by the ECO during the inspection, and as such, no spills have occurred since the 08-08-2025.
Treatment or remediation of the spill is done to the satisfaction of the ECO, with waste disposed of at a licensed facility and disposal slips provided to the ECO.	Yes	No	N/A	No spills were observed by the ECO during the inspection, and as such, no spills have occurred since the 08-08-2025. The contaminated material is stored inside the storage container at the site camp. See section “Cement and Concrete Batching” below.
Hydrocarbon Management (Fuels, Oils and lubricants)				
Hydrocarbon storage area is located where it does not pose a risk to sensitive ecosystems and or traffic and staff safety.	Yes	No	N/A	Fuel is stored in the container at the site camp at T4/5. See section “Handling, Use and Storage of Hazardous Substances” above. There is no machinery or equipment at HAV1 Repl.
Surfaces, where the possibility of hydrocarbon spillage exists, are prepared in such a way as to mitigate these risks.	Yes	No	N/A	Correctly implemented at T4/5. A drip tray was placed beneath a stationary site dumper onsite. 31-07-2025: Partial compliance at HAV1 Repl. This item will remain open as the Fencing Contractor will return to T4/5 to install a fence. The Fencing Contractor did not have a drip tray beneath the generator onsite, only some wooden boards. The Contractor was requested to obtain a drip tray.
 **22-08-2025, 11:00 – A drip tray has been placed beneath the stationary dumper truck onsite at T4/5.**				
Drip trays are placed under all parked or stationary plant/vehicles/machinery, and these containers are inspected to ensure no leakage occurs.	Yes	No	N/A	Correctly implemented at T4/5. A drip tray was placed beneath a stationary dumper truck onsite. See photograph above. There is no machinery or equipment at HAV1 Repl.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Diesel/fuel is stored in sound storage tanks or in bowsers, and the tanks/bowsers are placed within a bunded area or on an area where the ground has been protected.	Yes	No	N/A	Fuel is stored in the container at the site camp when not in use. See section "Handling, Use and Storage of Hazardous Substances" above. There is no machinery or equipment at HAV1 Repl.
A spill kit is available on-site at all times, and unauthorized access to the fuel storage area is prevented.	Yes	No	N/A	A spill kit is available at the site camp at T4/5.
No smoking is permitted near the fuel storage area.	Yes	No	N/A	Correctly implemented. Smoking occurs at the site camp at T4/5. Not required at HAV1 Repl. as there are no Contractors onsite.
 **22-08-2025, 11:00 – Smoking area at the site camp at T4/5.**				
The Contractor has ensured that there is adequate fire-fighting equipment at the fuel stores.	Yes	No	N/A	Correctly implemented. See section "Fire Control" below.
Fuel containers are secured during transport.	Yes	No	N/A	Correctly implemented.
The surface under the refuelling area is protected against pollution to the ECO's satisfaction prior to refuelling activities. Equipment is refuelled with the use of drip trays.	Yes	No	N/A	No refuelling has been observed by the ECO.
Plant				
Equipment selection and operation are done with environmental degradation minimized, and equipment operators are made aware of environmental requirements and controls. Environmental training registers are kept on file onsite.	Yes	No	N/A	Correctly implemented. All machine operators have received Environmental Awareness Training by the ECO. See section "Environmental Awareness Training" above.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Equipment Maintenance and Storage				
Leaking equipment or vehicles emitting noticeably excessive fumes are repaired immediately or removed from Site.	**Yes**	**No**	**N/A**	There are no vehicles or equipment at either site which are leaking or emitting excessive fumes.
Vehicles and machinery are serviced off-site, or if onsite maintenance is necessary, it is done outside sensitive areas, with prior approval from the Engineer and ECO. Portable drip trays on plastic are used to collect waste oil and lubricants to prevent environmental contamination.	**Yes**	**No**	**N/A**	There are no vehicles or machinery at either site which are in need of repairs.
Drip trays are provided in construction areas for stationary/parked equipment, inspected and emptied daily, and monitored during rain events to prevent overflow. The Contractor ensures that equipment is covered so that rainwater is excluded from the drip trays.	**Yes**	**No**	**N/A**	Correctly implemented. Hazardous liquid waste is stored in a labelled bottle on a drip tray in the storage container at the site camp at T4/5. See photograph in section “Hydrocarbon Management (Fuels, Oils and lubricants)” above.
Oil from drip trays is stored in clean drums on protected ground and removed regularly to an oil-recycling centre. Proof of disposal is kept on file onsite.	**Yes**	**No**	**N/A**	The amount of oil in drip trays has been minimal and is not sufficient to be stored in a drum for recycling. The Contractor is wiping excess oil with a rag and placing the rags into the solid hazardous waste drum in the storage container at T4/5 to be disposed of in due course. Proof of disposal still to be provided when disposed of.
Washing of equipment onsite is strictly prohibited.	**Yes**	**No**	**N/A**	No washing of equipment covered in hydrocarbons has occurred. Washing of cement covered tools has been allowed. See section “Cement and Concrete Batching” below.
Cement and Concrete Batching				
Batching will only occur in areas which are located on a smooth impermeable surface (concrete or 250 pm plastic) and cement is batched (mixed) in a bunded area within the boundaries of the development footprint.	**Yes**	**No**	**N/A**	Cement works is underway along the pipeline at T4/5 for finalising the installation of the breather manholes. The Contractor has protected the ground beneath the cement mixer onsite. The affected area from the spill on the 08-08-2025 has been backfilled. 31-07-2025: The Fencing Contractor was observed mixing cement in a wheelbarrow without ground protection. This non-compliance remains open as further fence installation work is planned at T4/5.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)

(a)



(b)



22-08-2025, 11:00 – Mitigations are in place to protect the soil, having been placed beneath the cement mixer onsite (a). The affected area from the spill on the 08-08-2025 has been backfilled with subsoil (b).

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Cement is stored within weatherproof facilities/covered to prevent environmental contamination.	Yes	No	N/A	Correctly implemented. Cement bags are kept in the container at the site camp at T4/5. Onsite they are placed into a large drum and periodically wetted to prevent contamination. There were no cement bags onsite at HAV1 Repl.
 **22-08-2025, 11:00 – Cement bags and tools are washed in a large drum onsite.**				
All wastewater resulting from batching of cement/concrete is disposed of via the contaminated water management system and is not discharged into the environment.	Yes	No	N/A	Correctly implemented. Cement covered tools are washed in a large drum onsite at T4/5. Sediments will be allowed to settle and will be disposed of as rubble when necessary. See photograph above.
Waste water from cement/concrete works and tool washing will be directed into a sump lined with bidim.	Yes	No	N/A	No sump has been dug at the site camp at T4/5. The Contractor is washing tools in a water drum. No cement work is underway at HAV1 Repl.
Once work is complete the bidim sump will be removed and the waste material will be disposed of at a licenced facility.	Yes	No	N/A	Not required at this stage. Waste sediments are allowed to settle at the bottom of the drum at T4/5 and will be disposed of at a licenced facility when necessary.
Diversion berms are installed to direct contaminated water to a storage area, and contaminated water storage areas are protected from overflow, rain, and flooding.	Yes	No	N/A	Not required at this stage.
Sand, aggregate, cement or additives used during the mixing process are stored and appropriately and to prevent contamination of the surrounding environment.	Yes	No	N/A	Correctly implemented at T4/5. No cement work is underway at HAV1 Repl.
Empty cement bags are stored in weatherproof containers to prevent contamination and are disposed of regularly through the hazardous waste management system.	Yes	No	N/A	Correctly implemented. See photographs above.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Reasonable measures are taken by the Contractor to prevent cement/concrete spillage during batching and construction. The ground beneath the shoots of cement trucks shall be protected with plastic sheeting.	Yes	No	N/A	Correctly implemented. See photographs above. 31-07-2025: It was noted during the inspection that the Fencing Contractor was mixing cement for the fence post foundations inside a wheelbarrow but with no mitigation measures beneath. This item will remain open as the Contractor will be returning to T4/5 to install a fence. Some minor cement spills were observed around the foundations of the fence posts. The Contractor was requested to dug up the spills and dispose of them as rubble.
Spoiled or excess aggregate/cement/concrete is removed and disposed of through the solid waste management system, with a disposal certificate retained in the site file.	Yes	No	N/A	Once picked up, the spilled material from HAV1 Repl. will be disposed of as rubble.
Ablution and Toilet Facilities				
Washing, defecating, and urinating are only permitted at designated facilities.	Yes	No	N/A	No washing, defecating, or urinating has occurred outside of toilet facilities at either site.
Ablution facilities, including shelter, toilets, and washing facilities, are provided by the Contractor for all personnel onsite. Toilet facilities are provided at a ratio of at least 1 toilet per 30 workers (1:15 preferred).	Yes	No	N/A	Correctly implemented at both sites.
Toilet facilities are located within the Contractor's camp, but also at work areas remote from the camp, all to the satisfaction of the ECO.	Yes	No	N/A	Correctly implemented at both sites.
All portable toilets are adequately secured to the ground to prevent them toppling over because of wind or any other cause, and latched closed to prevent fauna getting in.	Yes	No	N/A	Correctly implemented at both sites.
The Contractor has ensured that the entrances to these toilets are maintained in a hygienic state, serviced regularly, that no spillage occurs when they are cleaned and that contents are removed from Site.	Yes	No	N/A	Correctly implemented at both sites.
Discharge of waste from toilets into the environment and burial of waste is strictly prohibited.	Yes	No	N/A	No waste from toilets has been buried.
No ablution facilities are located closer than 50 m to any watercourse, wetland or other surface water body.	Yes	No	N/A	Correctly implemented at both sites.
Water Use				
Water is conserved wherever possible, with efforts to minimize usage and immediate attention given to any wastage.	Yes	No	N/A	Correctly implemented.
Water for potable use is sourced from a legal source, and the Contractor absolves the Employer of all risk or liability regarding compliance with relevant statutory obligations.	Yes	No	N/A	Correctly implemented. Water for construction at both sites is taken from the municipal line running from the old HAV1 borehole. The water is transported to T4/5 in jerry cans.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Water is not abstracted from private property without the prior written approval of the Landowner.	Yes	No	N/A	Correctly implemented. Permission was given to the Contractor by the Overstrand Municipality to use the groundwater from the old HAV1 borehole.
Only non-potable water from an approved source is used for construction activities such as dust suppression, etc.	Yes	No	N/A	Correctly implemented.
Water for construction purposes is bought to site in bowsers and stored in appropriately if required.	Yes	No	N/A	Water for T4/5 is transported in jerry cans when needed. It has been stored in an open container onsite and is used for the washing of cement covered tools when required, in lieu of a bidim-lined sump in the ground. The open container is currently being used to clean mud and cement off tools at T4/5.
The Contractor ensures that the re-use of construction water is maximised.	Yes	No	N/A	Correctly implemented.
Fire Control				
The Contractor takes adequate precautions to ensure that the fire hazard on and near the site is reduced to a minimum and no fires have occurred/ been lit onsite.	Yes	No	N/A	Correctly implemented. No fires have occurred at either site.
Any fires which occur are reported to the ECO immediately.	Yes	No	N/A	No fires have occurred at either site.
Smoking is only permitted in designated smoking areas, which are demarcated, equipped with ash trays and fire-fighting equipment, and located away from fire hazards such as fuel storage, refuelling areas, or dense/grassy vegetation.	Yes	No	N/A	Correctly implemented at the site camp at T4/5. There are no fire extinguishers onsite at HAV1 Repl. as the Contractor is not onsite.
A Fire Officer (may be the ESO) is appointed by the Contractor to ensure immediate and appropriate actions in the event of a fire and to make employees aware of the fire procedure.	Yes	No	N/A	Correctly implemented.
The relevant authority is notified immediately when a fire starts, without waiting until it can no longer be controlled.	Yes	No	N/A	No fires have occurred at either site.
The Contractor has ensured that there is always suitable and sufficient firefighting equipment available onsite.	Yes	No	N/A	Correctly implemented at the site camp at T4/5. There are no fire extinguishers onsite at HAV1 Repl. as the Contractor is not onsite.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
 **22-08-2025, 11:00 – Valid fire extinguisher in the container at the site office at T4/5.**				
The Contractor has submitted an EMS to the ECO covering the procedure to be followed in the event of a fire.	**Yes**	**No**	**N/A**	Correctly implemented.
Necessary materials and equipment for dealing with oil, fuel, and hazardous substance spills (spill kits) and leaks are always onsite and up to date as a pre-emptive fire protection method.	**Yes**	**No**	**N/A**	Correctly implemented. There is a spill kit in the container at the site camp at T4/5.
The storage of hazardous/flammable materials and substances complies with national, provincial, and local regulatory requirements.	**Yes**	**No**	**N/A**	Correctly implemented.
Hot works				
Any welding and/or hot work has been undertaken with the necessary safety equipment, i.e., welding screens with functional/serviced fire extinguishers onsite.	**Yes**	**No**	**N/A**	No hot works have been required at this stage.
Designated staff have undergone fire-safety training and are certified to operate fire extinguishers and put out fires safely and quickly.	**Yes**	**No**	**N/A**	Correctly implemented.
Solid Waste Management, Litter and Refuse				
The site is kept neat and clean, and littering is prohibited.	**Yes**	**No**	**N/A**	Correctly implemented at T4/5. It is noted that there is a lot of litter at the end of the trench line which is coming from a stormwater drain and is unrelated to the Contractor and the installation of the pumphouse and pipeline. A large amount of litter was observed around the site area at HAV1 Repl. This has been outstanding since the 08-08-2025.

(a)



(b)



(c)



22-08-2025, 11:00 – Litter around the site area at HAV1 Repl. is yet to be picked up (a) to (c).

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Burying or dumping of waste materials, vegetation, litter, or refuse onsite is prohibited.	Yes	No	N/A	As above.
Lockable and weatherproof bins with lids are provided in sufficient number and capacity to store daily solid waste. Lids are kept firmly on the bins, and they are emptied regularly, at least once a week, to prevent overflow.	Yes	No	N/A	Partial Compliance at T4/5. The bin onsite is lockable but was not locked at the time of the inspection. The Contractor was requested to rectify this. The bin at T4/5 is at the site camp in the common area. The bin at HAV1 Repl. has been removed from site and returned to the site camp at T4/5 as the Contractor is no longer working at HAV1 Repl.
 **22-08-2025, 11:00 – The unlocked waste bin at T4/5 is located in the common area at the site camp.**				
Waste from bins may be temporarily stored onsite in a central waste area that is weatherproof and scavenger proof (lockable), and which the ECO has approved.	Yes	No	N/A	No general waste is stored onsite
Refuse is recycled wherever possible, with containers provided for glass, paper, metals, and plastics, and contents delivered to suitable recycling facilities when necessary.	Yes	No	N/A	Correctly implemented.
All construction waste or spoil material is recycled wherever possible, either onsite or taken back to the Contractor's workshop for disposal, with disposal slips provided.	Yes	No	N/A	Correctly implemented.
All litter and refuse are disposed of offsite at an approved landfill site. The Contractor provides the ECO with a certificate of disposal and retains a copy in the Site file.	Yes	No	N/A	Correctly implemented. Waste disposal slips from the Civils Contractor are pinned to the board in the site office at T4/5.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Contaminated Water Management				
Water containing pollutants such as cement, concrete, lime, chemicals, oils, and fuels is discharged into a conservancy tank for removal to a licensed disposal facility. A certificate of disposal is retained in the Site file. This applies to water from concrete batching plants and runoff from fuel storage, refuelling, or equipment washing areas.	**Yes**	**No**	**N/A**	Correctly implemented. No disposal of such has been completed yet.
No paint products, chemical additives, or cleaners (e.g., thinners and turpentine) or their wash water are disposed of onsite.	**Yes**	**No**	**N/A**	There are no paint products onsite at either site.
The Contractor notifies the ECO immediately of any pollution incidents onsite and takes all reasonable measures to contain and minimize the effects of the pollution.	**Yes**	**No**	**N/A**	No pollution incidents have occurred at either site.
Lights				
The Contractor ensures that onsite lighting does not cause avoidable disturbances to surrounding users and does not attract unwanted insects or animals. All installed lighting is energy-efficient where practical and is turned off when not in use.	**Yes**	**No**	**N/A**	No work will be occurring at night at either site.
Noise				
The Contractor limits noise levels (for example, by installing and maintaining silencers on plant equipment or using hay bales to lessen the noise).	**Yes**	**No**	**N/A**	Not required at this stage. Will be implemented if required.
Employees are provided with adequate PPE with respect to ear protection.	**Yes**	**No**	**N/A**	As above.
No amplified music or sound equipment is allowed onsite. Audio equipment may only be used at low volumes to remain unobtrusive. Sound amplification is permitted only in emergency situations	**Yes**	**No**	**N/A**	No music or sound equipment present onsite at either site.
Dust Management				
The Contractor takes all reasonable measures to minimise the generation of dust.	**Yes**	**No**	**N/A**	Not required at this stage due to wet weather conditions.
Stockpiles are kept in sheltered areas and managed in the following manner: Stockpile slopes are minimized to a natural angle of repose; stockpile sizes have been limited to a maximum height of 2 meters and stockpiles not in active use have been covered with shade cloth or geofabric.	**Yes**	**No**	**N/A**	All subsoil stockpiles at T4/5 have been placed back into the trench as backfill material. Not required at HAV1 Repl.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Dust suppression (wetting or other best practicable environmental option) is used in and around the Construction area, along haul roads, at stockpiles, and any additional area indicated by the EO/ECO.	**Yes**	**No**	**N/A**	Not required at this stage due to wet weather conditions.
Dowsing, with non-potable water (not including treated effluent or seawater, which may not be used for any activities), is implemented to reduce and control dust fallout.	**Yes**	**No**	**N/A**	As above.
Construction Personnel Information Posters				
Environmental information posters ("dos and don'ts") have been erected at eating areas and other common areas. Posters are maintained in good condition and replaced if damaged or illegible.	**Yes**	**No**	**N/A**	Correctly implemented. Environmental ("dos and don'ts") posters and emergency numbers have been displayed at the site camp at T4/5. The ECO has a small white board pinned up in the site office which is updated weekly with items to be addressed by the Contractor. This is to aid in communication between the ECO and the Contractor's team.
Emergency Procedures				
EMS procedures are in place for emergencies and are being followed.	**Yes**	**No**	**N/A**	No emergencies have occurred.
In the event of an emergency, the Overstrand Municipality's Emergency Call Centre has been contacted using the appropriate numbers. Emergency contact numbers, including the local firefighting service, are posted in the Contractor's office and near the onsite telephone, and are retained in the Site file	**Yes**	**No**	**N/A**	As above.
General Protections in Terms of the National Heritage Resources Act (25 of 1999)				
If any heritage resource is encountered, work is stopped immediately, and the Engineer and ECO are notified. In this case, the Engineer/ECO contacts the relevant Heritage Authority, and work proceeds only upon their approval.	**Yes**	**No**	**N/A**	No heritage resources have been discovered.
A copy of the Record of Decision issued by Heritage Authorities is kept onsite, and The Contractor complies with the heritage management specifics outlined in the EMPr.	**Yes**	**No**	**N/A**	As above.
Protection of Natural Features				
The Contractor does not deface, paint, damage or mark any natural features situated in or around the site for survey or other purposes, unless agreed beforehand with the Engineer, ECO and Landowner.	**Yes**	**No**	**N/A**	Correctly implemented.
Any features affected by the Contractor in shall be restored/rehabilitated to the satisfaction of the ECO and Landowner.	**Yes**	**No**	**N/A**	No features have been affected.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Protection of Flora and Fauna				
Vegetation and flora are not removed, damaged, or disturbed except as necessary for the works, as specified by the ECO.	**Yes**	**No**	**N/A**	Correctly implemented. Note: Beginning March 2025, during the overhead cable installation at T4/5, all vegetation beneath the cable was brush-cut and improperly treated. The area will be monitored until the alien vegetation can be correctly identified and treated with an appropriate herbicide for proper removal. It is noted that the vegetation has grown back and can be positively identified for proper removal. The Contractor will complete this in due course.
A Specialist has identified natural vegetation or rare/endangered flora to be preserved. The Contractor has demarcated these areas as "no-go areas" to protect the flora. Necessary measures have been taken to ensure the protection of identified flora.	**Yes**	**No**	**N/A**	Search and Rescue was completed by a Specialist for the pipeline route at T4/5 on 25-02-2025 and 08-05-2025. Not required at HAV1 Repl.
Equipment has not been driven across natural vegetation, where possible. Areas of needless vegetation destruction have been reinstated to the standard specified by the ECO.	**Yes**	**No**	**N/A**	Correctly implemented.
Trapping, poisoning, shooting, or hunting of animals, including collecting carcasses, is strictly prohibited. No domestic pets or livestock are permitted onsite, and Site staff are prohibited from keeping pets. Measures are in place to keep domestic and native animals from surrounding Landowners safe from unprotected Works.	**Yes**	**No**	**N/A**	No hunting has occurred.
Clearing of Vegetation				
Vegetation clearance is strictly limited to what is required for construction activities. A qualified Botanical Specialist has been appointed to identify and oversee the removal, rescue, and relocation of Species of Conservation Concern (SOCC).	**Yes**	**No**	**N/A**	Search and Rescue has been completed by a Specialist for the pipeline route at T4/5. See above. Not required at HAV1 Repl.
Vegetation clearance has been approved by the Botanical Specialist, in line with the approved EMPr. vegetation clearance is restricted to the exploration camp, approved access routes, and areas where vegetation interferes with construction activities. No undue or unnecessary vegetation removal has occurred.	**Yes**	**No**	**N/A**	Correctly implemented.
Approved vegetation clearance is undertaken by hand using handheld implements, cutting vegetation at ground level without uprooting. Root structures are not removed or tampered with, and roots are left intact and in situ as far as reasonably possible.	**Yes**	**No**	**N/A**	Correctly implemented by a Specialist for the pipeline route at T4/5. Remaining vegetation is to be included in the topsoil stockpiles as per the request of the Specialist. Not required at HAV1 Repl.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
No tracked or wheeled mechanised equipment is used for vegetation clearance.	Yes	No	N/A	As above.
Vegetation clearance is conducted in phases to reduce erosion and water pollution. Clearing operations are scheduled to minimise the exposure time of cleared areas before construction starts. Cleared areas are stabilised as soon as possible where necessary.	Yes	No	N/A	As above.
Site clearance activities cease immediately upon encountering fauna. Fauna is safely relocated before activities resume.	Yes	No	N/A	As above.
Vegetation is disposed of at an approved disposal site. Burying or burning of vegetation is strictly prohibited. Cut vegetation is to be disposed of at a licensed landfill facility with slips provided to the ECO.	Yes	No	N/A	No further vegetation disposal has occurred.
Riparian and Instream Habitat				
No construction activities occur within riparian or wetland habitats.	Yes	No	N/A	Correctly implemented.
Topsoil Management				
Topsoil (up to 300 mm deep, or to bedrock if shallower) and root material from cleared vegetation are stripped for rehabilitation and revegetation. Stripping is done according to the specified depth.	Yes	No	N/A	Correctly implemented. Topsoil has been cleared along the entire length of the pipeline at T4/5 to avoid compaction from excavators and timeline delays. Note: All line items under this section are applicable to T4/5 only and not HAV1 Repl., as no topsoil will be cleared at HAV1 Repl.
Topsoil is stripped from all areas subject to compaction, as per environmental specifications and ECO direction. Topsoil from different areas is stockpiled separately and returned to its original location, as well as stored separately from subsoil.	Yes	No	N/A	All required topsoil along the pipeline route has been cleared.
Topsoil is covered with shade cloth or geofabric to prevent desiccation.	Yes	No	N/A	All topsoil stockpiles are sufficiently covered with netting.

(a)



(b)



Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)

(c)



(d)



(e)



(f)



(g)



(h)



22-08-2025, 11:00 – All topsoil stockpiles are sufficiently covered with netting (a) to (h).

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Stockpiles are placed on previously disturbed areas or areas with minimal environmental impact. Stockpiles do not exceed 2 m in height and maintain a natural angle of repose.	Yes	No	N/A	Subsoil stockpiles at T4/5 have been placed outside of the demarcated area on top of vegetation. The Contractor has been instructed by the Rehabilitation Specialist to remove the subsoil by hand to prevent damage to vegetation and topsoil. The Contractor has removed the majority of the excess soil from the upslope area along the trench at T4/5. They are in the process of removing the final soil by hand and reprofiling the area to the correct profile. The middle section of the trench is very wet as the soil is heavily clay based. The Contractor will leave this section and return in the dryer months to reprofile the area.

(a)



(b)



Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)

(c)



(d)



22-08-2025, 11:00 – Removal of excess subsoil from the stockpile areas on both sides of the trench and reprofiling the area (a) to (c) at T4/5. Some areas are still to have the excess soil removed by hand (d).

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Erosion control measures (e.g., bund walls) are in place to prevent stockpile erosion and compaction. Stockpiles do not obstruct water flow or cause water damming.	Yes	No	N/A	Correctly implemented for all topsoil stockpiles. Subsoil stockpiles have been returned as backfill and therefore these mitigation measures are not applicable.
Topsoil and subsoil are stockpiled separately and reinstated in reverse order. Topsoil is only handled during removal and reinstatement. Replaced soil is compacted and levelled with adjacent areas, especially near watercourses.	Yes	No	N/A	Correctly implemented. Subsoil stockpiles have been returned. Topsoil will be reinstated by the Rehabilitation Contractor once the pipeline has been completed.
Erosion and Sedimentation Control				
Any erosion or sedimentation on or off-site has been identified and reported. Rectification measures, as specified by the ECO, have been implemented.	Yes	No	N/A	Erosion is occurring along the access road to HAV1 Repl. and will be addressed if and when necessary. There is no erosion occurring at T4/5. See section “Access Routes/Haul Roads” above.
Any tunnels or erosion channels have been backfilled, compacted, and restored.	Yes	No	N/A	The existing trench, adjacent to which the pipeline will be laid, is already existing on the property. The Contractor is in the process of reprofiling the area. The Landowner’s trench has been reinstated at T4/5. This includes installation of stormwater pipes as per the Landowner’s original trench and stormwater mitigation measures. Some sections of the berm (originally on the property) have been reinforced by the Contractor with subsoil in two places, at the request of the Landowner.



(a)

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)

(b)



(c)



22-08-2025, 11:00 – Examples showing the farmers original trench which has been reinstated (a) to (c).

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Cleared areas have been stabilised to prevent erosion, as per ECO's guidance.	Yes	No	N/A	This has not yet been required.
Earthworks Management				
Excavated trenches are demarcated and fenced off as "no-go" areas when no Construction activity is underway. Trenches and excavations are backfilled as soon as possible, ideally during pipeline/cabling laydown.	Yes	No	N/A	The trench at T4/5 is closed with only breather manhole rings to still be installed. Note: All line items under this section are applicable to T4/5 only and not HAV1 Repl., as no further earthworks are required at HAV1 Repl.
Open trenches are inspected daily for trapped animals, and any found are safely relocated. Excavation in watercourses/wetlands occurs only in the dry season and is avoided during predicted heavy rains.	Yes	No	N/A	Correctly implemented. All trenches are inspected daily for fauna which may be trapped, and none have been found to date. Note: The existing trench, adjacent to which the pipeline will be laid, is already existing on the property. The Contractor is in the process of reprofiling the area and has reinstated the Landowner's trench and stormwater pipes at T4/5. See photographs in section "Erosion and Sedimentation Control" above.
Soils are appropriately compacted according to the natural soil characteristics of the area to preserve future surface and subsurface drainage through the previously trenched areas.	Yes	No	N/A	Correctly implemented. Trenches have been backfilled with original subsoil and local bedding material. Topsoil will be returned by a Rehabilitation Specialist in due course.
Stockpiles are kept free of weeds throughout construction. Stockpiles are not placed within the 1:20 flood line, within 50 m of wetlands/watercourses, or outside designated areas in construction diagrams.	Yes	No	N/A	Subsoil stockpiles were placed outside of the demarcated area at T4/5. The Contractor has removed the majority of the excess soil from the upslope area along the trench. They are in the process of removing the final soil by hand and reprofiling the area to the correct profile. See section "Topsoil Management" above.
Only backfill material from an approved, alien-free source is used. Backfill is free of foreign matter such as litter, waste, vegetation, and seed stock.	Yes	No	N/A	Trenches have been backfilled with original subsoil material and clean bedding has been sourced from a local company. Topsoil will be returned by a Rehabilitation Specialist in due course.
Changes in natural gradients due to Construction activities are avoided where possible or mitigated by levelling the slope to the original gradient during rehabilitation.	Yes	No	N/A	The existing trench, adjacent to which the pipeline has been laid, is already existing on the property. The Contractor is in the process of reprofiling the area to reinstate the Landowner's trench at T4/5.
Trenching				
Trenching for services shall be undertaken in accordance with the engineering specifications with the following environmental amplifications.	Yes	No	N/A	Correctly implemented during works. The trench at T4/5 has been backfilled and no open sections remain.
A buffer zone must be implemented for each wetland/watercourse and construction within the buffer zone must be restricted to the trench line and working side of the trench.	Yes	No	N/A	Trenching will not occur adjacent or next to a wetland and/or watercourse.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Soil shall be excavated and used for refilling trenches i.e., soil from the first trench shall be excavated and stockpiled, thereafter soil from the second excavated trench length shall be used to backfill the trench behind it once the services have been laid. The last trench shall be filled using the soil stockpiled from the first trench.	**Yes**	**No**	**N/A**	The trench at T4/5 has been backfilled and no open sections remain.

(a)



(b)



22-08-2025, 11:00 – Examples of breather manholes along the trench which are in the final stage of being installed.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Trench lengths shall be kept as short as practically possible before backfilling and compacting.	Yes	No	N/A	The trench at T4/5 has been backfilled and no open sections remain.
Trenches shall be re-filled to the same level as (or slightly higher to allow for settlement) the surrounding land surface to minimise erosion.	Yes	No	N/A	The existing trench, adjacent to which the pipeline will be laid, is already existing on the property. The Contractor is in the process of reprofiling the area and has reinstated the Landowner's trench at T4/5. See photographs above.
Protection of Watercourses, Waterbodies and Wetlands				
The Contractor ensures that all watercourses and waterbodies are protected from contamination or degradation as a result of their activities, including protection from direct or indirect spills of pollutants.	Yes	No	N/A	No watercourses and/or waterbodies have been contaminated or degraded. It is expected that stormwater (or rainwater runoff) will be heavily silted after flowing through the construction area, however, a Freshwater Specialist is monitoring downslope ecosystems for potential impacts.
In the event of a spill, prompt action (as planned and approved in the Emergency Plan Method Statement) is taken to clear the polluted or affected areas, and the Engineer and ECO has been notified immediately.	Yes	No	N/A	Correctly implemented.
No activities occur within wetland areas unless necessary, with approval from the Engineer and ECO.	Yes	No	N/A	Correctly implemented.
Stormwater, Runoff Management and General Water Management				
No stormwater containing waste, or water containing waste emanating from Construction activities is discharged into a watercourse or waterbody.	Yes	No	N/A	Correctly implemented. The Contractor has closed the pipeline trench at T4/5. The Landowner's trench is in the process of being reprofiled and the original stormwater design has been reinstated. Stormwater is currently not being diverted but is allowed to run along the original route (the Landowner's trench). See photographs in section "Erosion and Sedimentation Control" above. Stormwater management is not required within the site area at HAV1 Repl., however, erosion is still looked out for.
Uncontaminated water is removed from the site by allowing it to seep back into the soil around the site.	Yes	No	N/A	As above.
Suitable control of runoff is ensured during the Construction phase to prevent erosion of topsoil on stockpiles and adjacent land and undeveloped portions of the site. Erosion is monitored, and mitigation measures are implemented including, but not limited to, utilisation of sandbags and berms to prevent water from engrossing on sensitive ecosystems and to focus drainage into soft sands around the site.	Yes	No	N/A	Correctly implemented. There are some small areas along the trench where the groundwater is seeping through the soil. The stormwater is now running in the original Landowner's trench as it was prior to construction. See section "Erosion and Sedimentation Control" above. There has been no erosion observed thus far (with the exception of the access roads).

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Clean water and dirty water systems are managed independently and be kept separately.	Yes	No	N/A	Not required at this stage as there are no construction materials present in the water from the trench. Sediments coming from the trench stormwater are considered clean in situ material (soluble soils and clays in solution). Thus the water is considered to be clean.
Erosion and stormwater management measures, such as berms, silt fences, and/or hessian curtains, have been implemented to prevent sedimentation of freshwater features and divert stormwater away from erosion-prone areas. Erosion control measures are being monitored regularly throughout the construction phase to ensure effectiveness.	Yes	No	N/A	Stormwater is currently not being diverted but is allowed to seep into the soil where the trench has been backfilled. The stormwater is now running in the original Landowner's trench as it was prior to construction. There are currently no bunded areas onsite.
Stormwater is directed towards stabilised areas to dissipate the energy of water flow. No ponding of stormwater is occurring on the site. Stormwater is confined to a dedicated stormwater channel on the Site. Stormwater from bunded areas is collected in a suitable container for proper disposal off-site.	Yes	No	N/A	As above.
Increased runoff from vegetation clearance and/or soil compaction is being managed to prevent erosion and silt entry into streams.	Yes	No	N/A	As above.
Temporary Site Closure				
In the event of temporary site closure (for a period exceeding one week), the Contractor's ESO shall carry out checks and report on compliance to the ECO.	Yes	No	N/A	Neither site is currently temporarily closed.
Fire extinguishers are serviced and accessible.	Yes	No	N/A	As above.
There is adequate ventilation in enclosed spaces.	Yes	No	N/A	As above.
All hazardous substance stores are securely locked.	Yes	No	N/A	As above.
Fencing and barriers are in place.	Yes	No	N/A	As above.
Emergency and management contact details are prominently displayed and available.	Yes	No	N/A	As above.
Wind and dust mitigation measures e.g., straw, brush packs, irrigation, etc. are in place.	Yes	No	N/A	As above.
Excavated and filled slopes and stockpiles are at a stable angle and capable of accommodating normal expected water flows.	Yes	No	N/A	As above.
There are sufficient detention ponds or channels in place.	Yes	No	N/A	As above.
Cement and materials stores are secured.	Yes	No	N/A	As above.
Toilets are empty, secured, and lockable.	Yes	No	N/A	As above.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Central waste area and all refuse bins are empty and secured.	**Yes**	**No**	**N/A**	As above.
Contaminated water conservancy tank empty.	**Yes**	**No**	**N/A**	As above.
Any bunded areas are clean and treated with an approved product where applicable (e.g., Spill Sorb or Enretech #1 Powder or equivalent).	**Yes**	**No**	**N/A**	As above.
Drip trays are empty and secure.	**Yes**	**No**	**N/A**	As above.
Excavations should not be left open during temporary closures. If an excavation must remain open during temporary closure, then someone must check the excavation on a regular basis for the presence of animals and for the need to de-water (especially after rainfall).	**Yes**	**No**	**N/A**	As above.
Demolition and Removal of Structures				
The Contractor demolishes and removes from site everything not forming part of the Permanent Works, prior to landscaping and rehabilitation.	**Yes**	**No**	**N/A**	Work is ongoing. Not required at this stage.
All material generated from the demolition and removal of structures from site are appropriately disposed of if not reused. All incidental excavations are refilled and adequately compacted and rehabilitated.	**Yes**	**No**	**N/A**	As above.

The responsible personnel shall identify the root cause of Non-Compliance found and adopt the appropriate Corrective and Preventive Actions for mitigation measures. Confirmation of the effectiveness of the Corrective and Preventive Actions shall be verified by the ECO and approved by the Overstrand Municipality within an agreed time.



(Environmental Control Officer: Melissa Weeks)

Date: 22-08-2025

ENVIRONMENTAL SITE INSPECTION

Revision 1

Project and Site Information			
Date	28-08-2025	**Site Location**	HAV1 Repl.: -34.398490°; 19.209445° T4/5: -34.375420°; 19.246203°
Time	11:00	**Site Owner**	HAV1 Repl.: Overstrand Municipality T4/5: Bouchard Finlayson Winery
Project Title	972 – Hemel en Aarde Expansion	**Inspected By**	ECO Melissa Weeks
Contract	SC2504_2024 Civil, Mechanical & Electrical	**Stage / Status during Inspection**	HAV1 Repl.: The borehole pumping trial period is underway. It is noted that the ECO was unable to access the site area inside the fence as the gate was locked. T4/5: The borehole pumping trial period is underway. Final reprofiling and installation of breather manhole rings is complete. The Contractor is expected to be offsite by the end of the week. Note: The site camp at T4/5 will serve for both it and HAV1 Repl. The Contractor is in the process of disassembling the site camp.
Corresponding Method Statement	Environmental Method Statement: Supply and Install Mechanical, Electrical and Civil Borehole Hermanus	**Environmental Method Statement Date**	17-02-2025

Summary of Non-Compliance Issues				
Site / Area	**Aspect**	**Date Identified**	**Date Corrected**	**Action Taken**
T4/5	The drip tray beneath the excavator onsite is broken and needs to be replaced.	14-03-2025	03-04-2025	The Contractor was requested to obtain a new drip tray.
	The excavator arm is leaking oil, which is currently dripping onto the excavator itself rather than the ground. However, the ground beneath is not protected by a drip tray, creating a risk of contamination if the oil starts to drip further.	14-03-2025	03-04-2025	Although no oil has spilled onto the ground yet, the Contractor was instructed to place a drip tray beneath the arm as a precaution and to either repair the leak or remove the excavator from the site. On the 20-03-2025 it was noted by the ECO that a drip tray has been placed below the dripping arm of the excavator. On the 27-03-2025 it was noted that a cloth was used to temporarily stop the dripping of oil from the excavator.

Summary of Non-Compliance Issues				
Site / Area	**Aspect**	**Date Identified**	**Date Corrected**	**Action Taken**
HAV1 Repl. & T4/5	There are no bins onsite.	14-03-2025	25-04-2025	The Contractor was requested to obtain bins for general, hazardous and recycling waste.
T4/5	There are no environmental ("dos and don'ts") posters/signs on display at the site camp.	14-03-2025	27-03-2025	The Contractor was requested to display an environmental awareness poster.
HAV1 Repl.	There is no smoking area defined onsite.	20-03-2025	27-03-2025	The Contractor was requested to set up a smoking area with a nearby fire extinguisher.
	Partial Compliance. There is no defined eating area for staff onsite.	20-03-2025	10-04-2025	The Contractor was requested to define an eating area onsite.
	Partial Compliance. The toilet is latched from the outside to prevent animals from entering but is not secured to prevent toppling.	20-03-2025	03-04-2025	The Contractor was requested to secure the toilet to the ground.
	There were no fire extinguishers onsite.	20-03-2025	27-03-2025	The Contractor was requested to take a fire extinguisher from the site camp to HAV1 Repl. every time they are working onsite.
HAV1 Repl. & T4/5	The working area at HAV1 Repl. has been demarcated with danger tape, but T4/5 has not been.	27-03-2025	03-04-2025	The Contractor was requested to demarcate the working area using temporary fencing.
	Disposal of both general waste and brush-cut alien vegetation has been completed. The Contractor reported that no disposal slips were issued by the municipal facilities.	03-04-2024	08-04-2025	The ECO visited the municipal facility to enquire about proof of disposal for the alien vegetation. Staff explained that they do not typically provide official stamps or signatures. However, a logbook of incoming vehicle registration plates is maintained. The ECO has requested that, if permitted, the Contractor take a photo of the logbook showing their vehicle's entry. The general waste facility does issue disposal slips when vehicles go over the weighbridge. If not, staff are usually willing to sign a slip provided by the Contractor. On 08-04-2025 the Contractor confirmed that they had attempted to obtain a disposal slip for the waste that had already been offloaded. However, the facility would not issue a slip retrospectively. Going forward, the Contractor has been instructed to use the weighbridge to ensure proper disposal documentation is provided.
HAV1 Repl.	An oily fuel drum has been used for staff to store their lunch bags. It is unclear whether the oil was present beneath the bags during the inspection on 10-04-2025.	17-04-2025	24-04-2025	The Contractor was requested to immediately remove the oily drum from site and place it in the container at site camp.

Summary of Non-Compliance Issues				
Site / Area	**Aspect**	**Date Identified**	**Date Corrected**	**Action Taken**
	Partial Compliance. Two small cement spills have been observed at HAV1 Repl.	17-04-2025	22-04-2025	The Contractor was requested to pick these up and place them with the excess rubble that is stored on a plastic sheet adjacent to the pumphouse for disposal.
	A small amount of litter was seen around the site area.	29-04-2025	29-04-2025	The Contractor immediately cleaned up the litter.
Site Camp	Partial Compliance. The Contractor does not have a copy of the MSDS for Bricure (cement sealant) onsite.	08-05-2025	29-05-2025	The Contractor was requested to obtain a copy of this MSDS for the site file. The ECO tried finding this online but was unsuccessful.
HAV1 Repl.	Partial Compliance. A section of the barrier fence around the site has blown over.	19-05-2025	05-06-2025	The Contractor was requested to reinstate the barrier fence. Note: on the 29-05-2025 a section of the barrier fence has been removed. The Contractor was requested to reinstate the barrier fence.
	Partial Compliance. The toilet onsite is secured to the ground but not latched.	19-05-2025	29-05-2025	The Contractor was requested to ensure that the toilets onsite are always latched closed to prevent animals from entering.
T4/5	The Contractor has separated the topsoil from the subsoil but has not demarcated the topsoil.	19-05-2025	29-05-2025	The Contractor was requested to cover topsoil with netting to ensure it is kept separate from subsoil and not mistakenly used as such.
	Partial Compliance. Topsoil has not yet been cleared along the pipeline route in some areas where the excavators are operating. If not removed promptly, it is at risk of becoming compacted.	19-05-2025	29-05-2025	The Contractor was instructed to remove the topsoil along the excavator route before excavation work continues.
	Topsoil stockpiles have not been covered with netting.	19-05-2025	30-06-2025	The ECO requested netting be placed over topsoil stockpiles for demarcation and to prevent erosion. 05-06-2025: Majority of the topsoil stockpiles have been covered with shade cloth, but not all.
	Some sections of the barrier tape have been buried by subsoil stockpiles which have been placed outside of the demarcated area.	29-05-2025	13-06-2025	The Contractor was requested to reinstate the danger tape.
	One generator onsite was correctly placed inside a drip tray, while the other was not. Additionally, the crane truck did not have any drip trays beneath it.	29-05-2025	05-06-2025	The Contractor was instructed to ensure that all generators are placed inside drip trays and not directly on the ground, and that all vehicles have appropriate drip trays positioned underneath them.

Summary of Non-Compliance Issues				
Site / Area	**Aspect**	**Date Identified**	**Date Corrected**	**Action Taken**
	Subsoil stockpiles have been placed outside of the demarcated area on top of vegetation.	05-06-2025	08-08-2025	The Contractor was requested to seek advice from the Rehabilitation Specialist on how to remove the soil without damaging the underlying vegetation. Note: The Contractor has been instructed by the Rehabilitation Specialist to remove the subsoil by hand to prevent damage to vegetation and topsoil.
	The majority of the trench remains open due to time constraints and the approaching rainy season, which has made it difficult for the Contractor to complete trenching and backfilling in smaller sections as outlined in the EMS.	05-06-2025	03-07-2025	The Contractor is making a consistent effort to comply with all other EMS conditions and continue work responsibly under the circumstances.
	The large excavator onsite is leaking oil from underneath onto a plastic sheet. This is a new leak and unrelated to the leak identified on 14-03-2025. No evidence of spills beneath the sheet are evident.	13-06-2025	03-07-2025	The Contractor was requested to repair the excavator or remove it from site. 19-06-2025: A small amount of oil dripped outside of the plastic area onto the ground despite the excavator being repaired. The small spill was immediately picked up. The Contractor was requested to repair the excavator again. 26-06-2025: A small oil spill occurred beneath the excavator due to leftover oil from recent repairs and the absence of a drip tray. The Contractor was instructed to clean the machine and carry out further repairs to identify and stop the leak.
	Partial Compliance. A small amount of cement spilled outside the shuttering.	13-06-2025	19-05-2025	The Contractor was requested to wait for the cement to dry and then pick it up and dispose of it as rubble.
Site Camp	The Electrical Contractor was to be inducted by the primary Contractor ahead of the installation of the electrical boxes. When the Contractor was asked to provide the ECO with an induction register, none could be provided.	03-07-2025	11-07-2025	The Contractor was requested to induct the Electrical Contractor and provide the ECO with a copy of the attendance register.
T4/5	Partial Compliance. The plastic beneath the small excavator had blown out from beneath the machine. The large excavator had drip trays beneath it, however, they were full of rainwater.	03-07-2025	11-07-2025	The Contractor was not onsite at the time of the inspection but was requested to rectify.

Summary of Non-Compliance Issues				
Site / Area	**Aspect**	**Date Identified**	**Date Corrected**	**Action Taken**
HAV1 Repl.	Partial Compliance. The security guard is smoking inside the hut, however, the cigarette buds are not being placed into the provided bin but rather on the ground outside the hut.	11-07-2025	18-07-2025	The security guard was requested to pick up the buds and place them in the bin.
T4/5	The large excavator onsite is leaking oil into a drip tray.	18-07-2025	31-07-2025	The Contractor was requested to fix the excavator or remove it from site.
	Some sections of barrier fencing are broken along the trench working area.	18-07-2025	08-08-2025	The Contractor was requested to reinstate the fencing.
	The TLB onsite was observed driving inside of the “no-go” area to dump material for backfilling. Fortunately, the ECO observed this on the first load of material and the vegetation was left slightly trampled but not damaged.	25-07-2025	31-07-2025	The TLB driver was instructed to only drive within the working area.
	Partial Compliance. Some topsoil stockpiles are no longer sufficiently covered with netting.	25-07-2025	13-08-2025	The Contractor was requested to re-cover the topsoil stockpiles.
HAV1 Repl.	Partial Compliance. The Fencing Contractor did not have a drip tray beneath the generator onsite, only some wooden boards.	31-07-2025	Pending	The Contractor was requested to obtain a drip tray. 08-08-2025: This item will remain open as the Fencing Contractor will return to T4/5 to install a fence.
	The Contractor was mixing cement for the fence post foundations inside a wheelbarrow but with no mitigation measures beneath.	31-07-2025	28-08-2025	The Contractor was requested to mix cement with plastic beneath the mixing area to prevent spillage. 08-08-2025: This item will remain open as the Fencing Contractor will return to T4/5 to install a fence.
	A large amount of litter was observed around the site area.	08-08-2025	28-08-2025	The Contractor was requested to remove the litter.
	Minor cement spills were observed around the foundations of the fence posts.	08-08-2025	22-08-2025	The Contractor was requested to pick up the cement which has spilled outside the foundations.
	The waste bin onsite is overflowing and not secured to prevent animals from accessing it.	08-08-2025	13-08-2025	The Contractor was requested to empty the bin and secure it to prevent animals from accessing it.
T4/5	The Contractor did not have a drip tray beneath an oil container and two jerry cans of fuel.	08-08-2025	13-08-2025	The Contractor was requested to ensure that all hazardous chemics were stored on drip trays onsite.

Summary of Non-Compliance Issues				
Site / Area	**Aspect**	**Date Identified**	**Date Corrected**	**Action Taken**
	The Contractor was seen mixing cement on the bare ground with no plastic or boards beneath. The cement is highly alkaline and without proper remediation no plants will grow back in the area following rehabilitation.	08-08-2025	08-08-2025	The Contractor was instructed to immediately dig up the area where the cement was being mixed. The spoil was to be used at backfill for the breather manholes, followed by subsoil to prevent contamination with topsoil.
	Partial Compliance at T4/5. The bin onsite is lockable but was not locked at the time of the inspection.	22-08-2025	28-08-2025	The Contractor was requested to rectify this.
	A small cleanup is required at T4/5 where cement was mixed onsite.	28-08-2025	Pending	The Contractor was requested to rectify this.
	There is no firefighting equipment onsite at the site camp at T4/5.	28-08-2025	Pending	The Contractor was requested to bring a valid fire extinguisher back to site.
	There is some litter around the site camp area at T4/5.	28-08-2025	Pending	The Contractor has been requested to rectify this.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
General				
Is the overall appearance of the site visually acceptable and tidy?	**Yes**	**No**	**N/A**	Correctly implemented at HAV1 Repl. and T4/5.

(a)



Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)

(b)



(c)



28-08-2025, 11:00 – The site is neat at HAV1 Repl. (a). The site camp at T4/5 is in the process of being removed (b), and the installation of the breather manholes is complete (c).

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
A copy of the EMS will always be available onsite in the site file.	Yes	No	N/A	A copy of the EMS, the BAR and the EA are available in the site file.
Environmental Awareness Training				
The Contractor ensures that all employees, and those of their Sub-Contractor, attend an Environmental Awareness Training Course (EATC), conducted by the ECO. The training will cover key environmental features of the working area, its surroundings, and the environmental controls outlined in this specification.	Yes	No	N/A	An EATC was given to staff on the 24-02-2025 at the Contractor's offices. Further training has been given by the ECO to local labour and/or Subcontractors onsite on the 20-03-2025, 03-04-2025, 12-05-2025, 19-05-2025, 29-05-2025, 03-07-2025, 18-07-2025, 25-07-2025, and the 31-07-2025.
The initial EATC shall be held within 28 days from the Commencement Date, and subsequent courses shall be arranged for new employees coming onto Site after the initial training course. Provision shall also be made for refresher courses to be undertaken on a quarterly basis during the Contract.	Yes	No	N/A	Correctly implemented.
The Contractor provides proof of attendance by all their employees in the form of a signed attendance register for each session. All environmental training registers are kept on file.	Yes	No	N/A	Correctly implemented.
Site Division, Demarcation and "No-Go" Areas				
The location, layout and establishment of the Contractors camp shall be approved by the ECO prior to the start of establishment.	Yes	No	N/A	Correctly implemented at both sites.
The Contractor restricts all their activities, materials, plant equipment and personnel to within the Site or any working areas specified or indicated on the drawings.	Yes	No	N/A	Correctly implemented at both sites.
Permanent and/or temporary fences have been erected and maintained in the locations specified in the Scope of Work or drawings, and, if specified, before the commencement of any construction activities.	Yes	No	N/A	A permanent fence has been erected at HAV1 Repl. See photograph in section "General" above. The boundary fence at T4/5 will not be reinstated as the Civils Contractor is currently moving offsite. Furthermore, the fence surrounding the site camp has been removed as the Contractor is in the process of disassembling the site camp.
Where environmentally sensitive areas are specified as "no-go" areas, no person, plant, equipment, or material shall enter these areas at any time, in accordance with the Contractor's authority.	Yes	No	N/A	No staff or machinery have been observed outside of the working area at both sites.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Access Routes/Haul Roads				
The Contractor controls the movement of all vehicles and construction equipment, including those of suppliers and subcontractors, ensuring they remain on designated routes and are distributed to prevent undue traffic concentration. All vehicle and equipment movement complies with relevant laws. The movement of such vehicles and construction equipment is planned and operated to minimise disruption to regular users of the routes.	**Yes**	**No**	**N/A**	Correctly implemented.
As far as possible the Contractor uses existing access and haul routes.	**Yes**	**No**	**N/A**	Correctly implemented.
Any damage to existing access roads caused by construction activities has been repaired to the satisfaction of the Engineer using material similar to the original. The cost of repairs has been covered by the Contractor.	**Yes**	**No**	**N/A**	The road leading to HAV1 Repl. is slowly being damaged by erosion, which happens regularly in this area. The Contractor will repair the road should it be deemed necessary for access. This is not required at T4/5, however, the Landowner has requested that the access road be repaired in some areas due to the winter heavy rains in the area.
No new access roads or tracks have been constructed without the Landowner's consent.	**Yes**	**No**	**N/A**	Correctly implemented. No new access roads have been required.
Where new routes are required to gain site access, prior approval from the Engineer and ECO have been obtained. New access routes disturb the smallest possible area, avoid all "no-go" areas, and follow natural contours where possible.	**Yes**	**No**	**N/A**	No new routes are required at this stage.
Vehicle trips have been kept to a minimum to reduce vegetation damage, and all equipment has remained on the demarcated access route.	**Yes**	**No**	**N/A**	No staff or machinery have been observed outside of the working area at both sites.
All directional signage for vehicle and equipment movement required by the Contractor, their Subcontractors or Suppliers is of an approved design and located as approved by the Engineer.	**Yes**	**No**	**N/A**	No directional signage is currently required.
Eating Areas				
The Contractor has designated eating areas within the approved camp.	**Yes**	**No**	**N/A**	Correctly implemented at the site camp at T4/5. The eating area at HAV1 Repl. has been removed as the Contractor is not onsite.
The feeding of, or leaving of food for, animals is strictly prohibited.	**Yes**	**No**	**N/A**	No food is left out for animals.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Sufficient bins are provided in specified areas, and lockable bins are used where required to prevent animal access (especially baboons).	Yes	No	N/A	Correctly implemented at T4/5. There is no bin onsite at HAV1 Repl. as the Contractor is not onsite.
Any cooking onsite is done on well-maintained gas cookers with valid fire extinguishers present. No open fires for cooking purposes are permitted under any circumstances.	Yes	No	N/A	No cooking is being done onsite.
Materials Handling, Use and Storage				
The Contractor shall ensure that any delivery drivers and visitors to site are informed of all procedures and restrictions. A visitor's register has been kept on file.	Yes	No	N/A	Correctly implemented.
Materials shall be appropriately secured to ensure safe passage between destinations. Loads, will be secured appropriately to prevent them spilling from the vehicle during transit.	Yes	No	N/A	Correctly implemented.
The Contractor shall be responsible for any clean up resulting from the failure by their Employees or Suppliers to properly secure transported materials.	Yes	No	N/A	No clean-up has been required.
All manufactured and/or imported materials shall, where reasonably possible, be stored within the Contractor's camp and, if so required by the Engineer/ECO, out of the rain.	Yes	No	N/A	Correctly implemented. Some building material has been stored next to the pumphouse at T4/5. A small pile of gravel and sand from the fencing work is being stored at HAV1 Repl. which will be backfilled once the testing of the borehole is complete.

(a)



Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
 (b) **28-08-2025, 11:00 – Some materials stored at the site camp at T4/5 (a). A small pile of gravel and building sand is stockpiled at HAV1 Repl. (b).**				
The location and method of protection of such materials stored outside of the Contractor's camp and the method of rehabilitation of these areas, shall be subject to the Engineer/ECO's approval. Stockpile areas shall be approved by the Engineer/ECO before any stockpiling commences.	**Yes**	**No**	**N/A**	Correctly implemented.
Handling, Use and Storage of Hazardous Substances				
Surfaces where hydrocarbon spills may occur are adequately prepared to prevent pollution.	**Yes**	**No**	**N/A**	All hazardous substances have been removed from site. There are no vehicles or machinery onsite at either site.
The ECO has been informed of all hazardous substances stored onsite, and MSDSs have been provided.	**Yes**	**No**	**N/A**	As above.
Hazardous substances are stored in an appropriate area, in leak proof containers which are correctly labelled. Bunding the area will be required if necessary, as per the ECO.	**Yes**	**No**	**N/A**	As above.
Spills are immediately contained, the source is isolated, and the spillage is removed. Cleanup is conducted by applying absorbent material or by removing contaminated soil.	**Yes**	**No**	**N/A**	No leaks or spills were observed by the ECO during the inspection at either site, and as such, no spills have occurred since the 08-08-2025.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Treatment or remediation of the spill is done to the satisfaction of the ECO, with waste disposed of at a licensed facility and disposal slips provided to the ECO.	**Yes**	**No**	**N/A**	As above. The stored contaminated material from pervious spills has been removed in the storage container and is at the Contractor's yard. This will be disposed of in due course and a disposal certificate provided to the ECO.
Hydrocarbon Management (Fuels, Oils and lubricants)				
Hydrocarbon storage area is located where it does not pose a risk to sensitive ecosystems and or traffic and staff safety.	**Yes**	**No**	**N/A**	All hazardous substances, vehicles, and machinery have been removed from both sites.
Surfaces, where the possibility of hydrocarbon spillage exists, are prepared in such a way as to mitigate these risks.	**Yes**	**No**	**N/A**	As above.
Drip trays are placed under all parked or stationary plant/vehicles/machinery, and these containers are inspected to ensure no leakage occurs.	**Yes**	**No**	**N/A**	As above.
Diesel/fuel is stored in sound storage tanks or in bowsers, and the tanks/bowsers are placed within a bunded area or on an area where the ground has been protected.	**Yes**	**No**	**N/A**	As above.
A spill kit is available on-site at all times, and unauthorized access to the fuel storage area is prevented.	**Yes**	**No**	**N/A**	As above.
No smoking is permitted near the fuel storage area.	**Yes**	**No**	**N/A**	Correctly implemented. Smoking is currently occurring where the site camp is being disassembled at T4/5. Not required at HAV1 Repl. as there are no Contractors onsite.



28-08-2025, 11:00 – Smoking area at the disassembled site camp at T4/5.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
The Contractor has ensured that there is adequate fire-fighting equipment at the fuel stores.	**Yes**	**No**	**N/A**	All hazardous substances, vehicles, and machinery have been removed from both sites.
Fuel containers are secured during transport.	**Yes**	**No**	**N/A**	As above.
The surface under the refuelling area is protected against pollution to the ECO's satisfaction prior to refuelling activities. Equipment is refuelled with the use of drip trays.	**Yes**	**No**	**N/A**	As above.
Plant				
Equipment selection and operation are done with environmental degradation minimized, and equipment operators are made aware of environmental requirements and controls. Environmental training registers are kept on file onsite.	**Yes**	**No**	**N/A**	All large machinery and equipment has been removed from both sites.
Equipment Maintenance and Storage				
Leaking equipment or vehicles emitting noticeably excessive fumes are repaired immediately or removed from Site.	**Yes**	**No**	**N/A**	All machinery and equipment which require hydrocarbons have been removed from both sites.
Vehicles and machinery are serviced off-site, or if onsite maintenance is necessary, it is done outside sensitive areas, with prior approval from the Engineer and ECO. Portable drip trays on plastic are used to collect waste oil and lubricants to prevent environmental contamination.	**Yes**	**No**	**N/A**	As above.
Drip trays are provided in construction areas for stationary/parked equipment, inspected and emptied daily, and monitored during rain events to prevent overflow. The Contractor ensures that equipment is covered so that rainwater is excluded from the drip trays.	**Yes**	**No**	**N/A**	All machinery and equipment which require hydrocarbons have been removed from both sites. Hazardous liquids have been taken to the Contractor's yard. Proof of disposal is still to be provided by the Contractor.
Oil from drip trays is stored in clean drums on protected ground and removed regularly to an oil-recycling centre. Proof of disposal is kept on file onsite.	**Yes**	**No**	**N/A**	Proof of disposal is still to be provided by the Contractor.
Washing of equipment onsite is strictly prohibited.	**Yes**	**No**	**N/A**	No washing of equipment covered in hydrocarbons has occurred. Washing of cement covered tools has been allowed. See section "Cement and Concrete Batching" below.
Cement and Concrete Batching				
Batching will only occur in areas which are located on a smooth impermeable surface (concrete or 250 pm plastic) and cement is batched (mixed) in a bunded area within the boundaries of the development footprint.	**Yes**	**No**	**N/A**	Cement works are complete. 31-07-2025: The Fencing Contractor was observed mixing cement in a wheelbarrow without ground protection. This non-compliance remains open as further fence installation work is planned at T4/5.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Cement is stored within weatherproof facilities/covered to prevent environmental contamination.	Yes	No	N/A	Cement works are complete.
All wastewater resulting from batching of cement/concrete is disposed of via the contaminated water management system and is not discharged into the environment.	Yes	No	N/A	Cement covered tools were washed in a large drum onsite. Sediments were allowed to settle and have been placed into bags for disposal.



28-08-2025, 11:00 – Sediments from the cement washing drum were allowed to settle and have been placed into bags for disposal.

Waste water from cement/concrete works and tool washing will be directed into a sump lined with bidim.	Yes	No	N/A	See above.
Once work is complete the bidim sump will be removed and the waste material will be disposed of at a licenced facility.	Yes	No	N/A	Waste sediments were allowed to settle at the bottom of the drum and will be disposed of at a licenced facility in due course.
Diversion berms are installed to direct contaminated water to a storage area, and contaminated water storage areas are protected from overflow, rain, and flooding.	Yes	No	N/A	Not required at this stage.
Sand, aggregate, cement or additives used during the mixing process are stored and appropriately and to prevent contamination of the surrounding environment.	Yes	No	N/A	There are no sands, aggregate, cement or additives onsite at either site.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Empty cement bags are stored in weatherproof containers to prevent contamination and are disposed of regularly through the hazardous waste management system.	**Yes**	**No**	**N/A**	There are no empty cement bags onsite.
Reasonable measures are taken by the Contractor to prevent cement/concrete spillage during batching and construction. The ground beneath the shoots of cement trucks shall be protected with plastic sheeting.	**Yes**	**No**	**N/A**	A small cleanup is required at T4/5 where cement was mixed onsite. The Contractor was requested to rectify this. 31-07-2025: It was noted during the inspection that the Fencing Contractor was mixing cement for the fence post foundations inside a wheelbarrow but with no mitigation measures beneath. This item will remain open as the Contractor will be returning to T4/5 to install a fence. The cement spills were picked up by the Contractor.



(a)

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
 (b) **28-08-2025, 11:00 – A small amount of rubble is to be picked up at T4/5 (a). The cement spill at HAV1 Repl. has been picked up and removed from site (b).**				
Spoiled or excess aggregate/cement/concrete is removed and disposed of through the solid waste management system, with a disposal certificate retained in the site file.	**Yes**	**No**	**N/A**	Once picked up, the spilled material from T4/5 will be disposed of as rubble. The ECO is awaiting the disposal certificate.
Ablution and Toilet Facilities				
Washing, defecating, and urinating are only permitted at designated facilities.	**Yes**	**No**	**N/A**	No washing, defecating, or urinating has occurred outside of toilet facilities at either site. The toilet at HAV1 Repl. has been removed as the Contractor is not onsite.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
(a)  (b)  **28-08-2025, 11:00 – The toilet has been removed from HAV1 Repl. (a). The toilet at T4/5 is still where the site camp was (b) and is secured to the ground.**				
Ablution facilities, including shelter, toilets, and washing facilities, are provided by the Contractor for all personnel onsite. Toilet facilities are provided at a ratio of at least 1 toilet per 30 workers (1:15 preferred).	**Yes**	**No**	**N/A**	Correctly implemented at T4/5.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Toilet facilities are located within the Contractor's camp, but also at work areas remote from the camp, all to the satisfaction of the ECO.	Yes	No	N/A	Correctly implemented at T4/5.
All portable toilets are adequately secured to the ground to prevent them toppling over because of wind or any other cause, and latched closed to prevent fauna getting in.	Yes	No	N/A	Correctly implemented at T4/5.
The Contractor has ensured that the entrances to these toilets are maintained in a hygienic state, serviced regularly, that no spillage occurs when they are cleaned and that contents are removed from Site.	Yes	No	N/A	Correctly implemented at T4/5.
Discharge of waste from toilets into the environment and burial of waste is strictly prohibited.	Yes	No	N/A	No waste from toilets has been buried.
No ablution facilities are located closer than 50 m to any watercourse, wetland or other surface water body.	Yes	No	N/A	Correctly implemented at T4/5.
Water Use				
Water is conserved wherever possible, with efforts to minimize usage and immediate attention given to any wastage.	Yes	No	N/A	Correctly implemented.
Water for potable use is sourced from a legal source, and the Contractor absolves the Employer of all risk or liability regarding compliance with relevant statutory obligations.	Yes	No	N/A	Correctly implemented. Water for construction at both sites is taken from the municipal line running from the old HAV1 borehole. The water is transported to T4/5 in jerry cans.
Water is not abstracted from private property without the prior written approval of the Landowner.	Yes	No	N/A	Correctly implemented. Permission was given to the Contractor by the Overstrand Municipality to use the groundwater from the old HAV1 borehole.
Only non-potable water from an approved source is used for construction activities such as dust suppression, etc.	Yes	No	N/A	Correctly implemented.
Water for construction purposes is bought to site in bowsers and stored in appropriately if required.	Yes	No	N/A	Water for T4/5 is taken from the municipal line running from the old HAV1 borehole, and transported in jerry cans.
The Contractor ensures that the re-use of construction water is maximised.	Yes	No	N/A	Correctly implemented.
Fire Control				
The Contractor takes adequate precautions to ensure that the fire hazard on and near the site is reduced to a minimum and no fires have occurred/ been lit onsite.	Yes	No	N/A	Correctly implemented. No fires have occurred at either site.
Any fires which occur are reported to the ECO immediately.	Yes	No	N/A	No fires have occurred at either site.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Smoking is only permitted in designated smoking areas, which are demarcated, equipped with ash trays and fire-fighting equipment, and located away from fire hazards such as fuel storage, refuelling areas, or dense/grassy vegetation.	Yes	No	N/A	There is a smoking area but no firefighting equipment onsite at the site camp at T4/5. There are no fire extinguishers onsite at HAV1 Repl. as the Contractor is not onsite.
A Fire Officer (may be the ESO) is appointed by the Contractor to ensure immediate and appropriate actions in the event of a fire and to make employees aware of the fire procedure.	Yes	No	N/A	Correctly implemented.
The relevant authority is notified immediately when a fire starts, without waiting until it can no longer be controlled.	Yes	No	N/A	No fires have occurred at either site.
The Contractor has ensured that there is always suitable and sufficient firefighting equipment available onsite.	Yes	No	N/A	There is no firefighting equipment onsite at the site camp at T4/5. The Contractor was requested to bring a fire extinguisher back to site. There are no fire extinguishers onsite at HAV1 Repl. as the Contractor is not onsite.
The Contractor has submitted an EMS to the ECO covering the procedure to be followed in the event of a fire.	Yes	No	N/A	Correctly implemented.
Necessary materials and equipment for dealing with oil, fuel, and hazardous substance spills (spill kits) and leaks are always onsite and up to date as a pre-emptive fire protection method.	Yes	No	N/A	All hazardous substances, vehicles, and machinery have been removed from both sites.
The storage of hazardous/flammable materials and substances complies with national, provincial, and local regulatory requirements.	Yes	No	N/A	As above.
Hot works				
Any welding and/or hot work has been undertaken with the necessary safety equipment, i.e., welding screens with functional/serviced fire extinguishers onsite.	Yes	No	N/A	No hot works have been required at this stage.
Designated staff have undergone fire-safety training and are certified to operate fire extinguishers and put out fires safely and quickly.	Yes	No	N/A	Correctly implemented.
Solid Waste Management, Litter and Refuse				
The site is kept neat and clean, and littering is prohibited.	Yes	No	N/A	There is some litter around the site camp area at T4/5. The Contractor has been requested to rectify this. The litter at HAV1 Repl. has been cleaned up.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)

(a)



(b)



28-08-2025, 11:00 – Litter around the site camp at T4/5 (a) and (b).

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Burying or dumping of waste materials, vegetation, litter, or refuse onsite is prohibited.	**Yes**	**No**	**N/A**	As above.
Lockable and weatherproof bins with lids are provided in sufficient number and capacity to store daily solid waste. Lids are kept firmly on the bins, and they are emptied regularly, at least once a week, to prevent overflow.	**Yes**	**No**	**N/A**	Correctly implemented at T4/5. The bin at HAV1 Repl. has been removed from site and returned to the site camp at T4/5 as the Contractor is no longer working at HAV1 Repl.
 **28-08-2025, 11:00 – The locked waste bin at T4/5 is located adjacent the borehole chamber.**				
Waste from bins may be temporarily stored onsite in a central waste area that is weatherproof and scavenger proof (lockable), and which the ECO has approved.	**Yes**	**No**	**N/A**	No general waste is stored onsite.
Refuse is recycled wherever possible, with containers provided for glass, paper, metals, and plastics, and contents delivered to suitable recycling facilities when necessary.	**Yes**	**No**	**N/A**	Correctly implemented.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
All construction waste or spoil material is recycled wherever possible, either onsite or taken back to the Contractor's workshop for disposal, with disposal slips provided.	Yes	No	N/A	Correctly implemented.
All litter and refuse are disposed of offsite at an approved landfill site. The Contractor provides the ECO with a certificate of disposal and retains a copy in the Site file.	Yes	No	N/A	Correctly implemented. The waste disposal slips have been taken to the Contractor's yard. The ECO has requested that they be placed into the site file.
Contaminated Water Management				
Water containing pollutants such as cement, concrete, lime, chemicals, oils, and fuels is discharged into a conservancy tank for removal to a licensed disposal facility. A certificate of disposal is retained in the Site file. This applies to water from concrete batching plants and runoff from fuel storage, refuelling, or equipment washing areas.	Yes	No	N/A	Correctly implemented.
No paint products, chemical additives, or cleaners (e.g., thinners and turpentine) or their wash water are disposed of onsite.	Yes	No	N/A	There are no paint products onsite at either site.
The Contractor notifies the ECO immediately of any pollution incidents onsite and takes all reasonable measures to contain and minimize the effects of the pollution.	Yes	No	N/A	No pollution incidents have occurred.
Lights				
The Contractor ensures that onsite lighting does not cause avoidable disturbances to surrounding users and does not attract unwanted insects or animals. All installed lighting is energy-efficient where practical and is turned off when not in use.	Yes	No	N/A	No work will be occurring at night at either site.
Noise				
The Contractor limits noise levels (for example, by installing and maintaining silencers on plant equipment or using hay bales to lessen the noise).	Yes	No	N/A	Not required at this stage. Will be implemented if required.
Employees are provided with adequate PPE with respect to ear protection.	Yes	No	N/A	As above.
No amplified music or sound equipment is allowed onsite. Audio equipment may only be used at low volumes to remain unobtrusive. Sound amplification is permitted only in emergency situations	Yes	No	N/A	No music or sound equipment present onsite at either site.
Dust Management				
The Contractor takes all reasonable measures to minimise the generation of dust.	Yes	No	N/A	Not required at this stage due to wet weather conditions.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Stockpiles are kept in sheltered areas and managed in the following manner: Stockpile slopes are minimized to a natural angle of repose; stockpile sizes have been limited to a maximum height of 2 meters and stockpiles not in active use have been covered with shade cloth or geofabric.	**Yes**	**No**	**N/A**	All subsoil stockpiles at T4/5 have been placed back into the trench as backfill material. Not required at HAV1 Repl.
Dust suppression (wetting or other best practicable environmental option) is used in and around the Construction area, along haul roads, at stockpiles, and any additional area indicated by the EO/ECO.	**Yes**	**No**	**N/A**	Not required at this stage due to wet weather conditions.
Dowsing, with non-potable water (not including treated effluent or seawater, which may not be used for any activities), is implemented to reduce and control dust fallout.	**Yes**	**No**	**N/A**	As above.
Construction Personnel Information Posters				
Environmental information posters ("dos and don'ts") have been erected at eating areas and other common areas. Posters are maintained in good condition and replaced if damaged or illegible.	**Yes**	**No**	**N/A**	The site camp at T4/5 is in the process of being disassembled and as such the environmental ("dos and don'ts") posters, emergency numbers, and ECOs small white board are no longer present onsite.
Emergency Procedures				
EMS procedures are in place for emergencies and are being followed.	**Yes**	**No**	**N/A**	No emergencies have occurred.
In the event of an emergency, the Overstrand Municipality's Emergency Call Centre has been contacted using the appropriate numbers. Emergency contact numbers, including the local firefighting service, are posted in the Contractor's office and near the onsite telephone, and are retained in the Site file.	**Yes**	**No**	**N/A**	As above.
General Protections in Terms of the National Heritage Resources Act (25 of 1999)				
If any heritage resource is encountered, work is stopped immediately, and the Engineer and ECO are notified. In this case, the Engineer/ECO contacts the relevant Heritage Authority, and work proceeds only upon their approval.	**Yes**	**No**	**N/A**	No heritage resources have been discovered.
A copy of the Record of Decision issued by Heritage Authorities is kept onsite, and The Contractor complies with the heritage management specifics outlined in the EMPr.	**Yes**	**No**	**N/A**	As above.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Protection of Natural Features				
The Contractor does not deface, paint, damage or mark any natural features situated in or around the site for survey or other purposes, unless agreed beforehand with the Engineer, ECO and Landowner.	**Yes**	**No**	**N/A**	Correctly implemented.
Any features affected by the Contractor in shall be restored/rehabilitated to the satisfaction of the ECO and Landowner.	**Yes**	**No**	**N/A**	No features have been affected.
Protection of Flora and Fauna				
Vegetation and flora are not removed, damaged, or disturbed except as necessary for the works, as specified by the ECO.	**Yes**	**No**	**N/A**	Correctly implemented. Note: Beginning March 2025, during the overhead cable installation at T4/5, all vegetation beneath the cable was brush-cut and improperly treated. The area will be monitored until the alien vegetation can be correctly identified and treated with an appropriate herbicide for proper removal. It is noted that the vegetation has grown back and the alien vegetation can be positively identified for proper removal. The Contractor has requested that the Search and Rescue Specialist complete this in due course.
A Specialist has identified natural vegetation or rare/endangered flora to be preserved. The Contractor has demarcated these areas as "no-go areas" to protect the flora. Necessary measures have been taken to ensure the protection of identified flora.	**Yes**	**No**	**N/A**	Search and Rescue was completed by a Specialist for the pipeline route at T4/5 on 25-02-2025 and 08-05-2025. Not required at HAV1 Repl.
Equipment has not been driven across natural vegetation, where possible. Areas of needless vegetation destruction have been reinstated to the standard specified by the ECO.	**Yes**	**No**	**N/A**	Correctly implemented.
Trapping, poisoning, shooting, or hunting of animals, including collecting carcasses, is strictly prohibited. No domestic pets or livestock are permitted onsite, and Site staff are prohibited from keeping pets. Measures are in place to keep domestic and native animals from surrounding Landowners safe from unprotected Works.	**Yes**	**No**	**N/A**	No hunting has occurred at either site.
Clearing of Vegetation				
Vegetation clearance is strictly limited to what is required for construction activities. A qualified Botanical Specialist has been appointed to identify and oversee the removal, rescue, and relocation of Species of Conservation Concern (SOCC).	**Yes**	**No**	**N/A**	Search and Rescue has been completed by a Specialist for the pipeline route at T4/5. See above. Not required at HAV1 Repl.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Vegetation clearance has been approved by the Botanical Specialist, in line with the approved EMPr. vegetation clearance is restricted to the exploration camp, approved access routes, and areas where vegetation interferes with construction activities. No undue or unnecessary vegetation removal has occurred.	Yes	No	N/A	Correctly implemented.
Approved vegetation clearance is undertaken by hand using handheld implements, cutting vegetation at ground level without uprooting. Root structures are not removed or tampered with, and roots are left intact and in situ as far as reasonably possible.	Yes	No	N/A	Correctly implemented by a Specialist for the pipeline route at T4/5. Remaining vegetation is to be included in the topsoil stockpiles as per the request of the Specialist. Not required at HAV1 Repl.
No tracked or wheeled mechanised equipment is used for vegetation clearance.	Yes	No	N/A	As above.
Vegetation clearance is conducted in phases to reduce erosion and water pollution. Clearing operations are scheduled to minimise the exposure time of cleared areas before construction starts. Cleared areas are stabilised as soon as possible where necessary.	Yes	No	N/A	As above.
Site clearance activities cease immediately upon encountering fauna. Fauna is safely relocated before activities resume.	Yes	No	N/A	As above.
Vegetation is disposed of at an approved disposal site. Burying or burning of vegetation is strictly prohibited. Cut vegetation is to be disposed of at a licensed landfill facility with slips provided to the ECO.	Yes	No	N/A	No further vegetation disposal has occurred.
Riparian and Instream Habitat				
No construction activities occur within riparian or wetland habitats.	Yes	No	N/A	Correctly implemented.
Topsoil Management				
Topsoil (up to 300 mm deep, or to bedrock if shallower) and root material from cleared vegetation are stripped for rehabilitation and revegetation. Stripping is done according to the specified depth.	Yes	No	N/A	Correctly implemented. Topsoil has been cleared along the entire length of the pipeline to avoid compaction from excavators and timeline delays. Note: All line items under this section are applicable to T4/5 only and not HAV1 Repl., as no topsoil will be cleared at HAV1 Repl.
Topsoil is stripped from all areas subject to compaction, as per environmental specifications and ECO direction. Topsoil from different areas is stockpiled separately and returned to its original location, as well as stored separately from subsoil.	Yes	No	N/A	All required topsoil along the pipeline route has been cleared.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Topsoil is covered with shade cloth or geofabric to prevent desiccation.	Yes	No	N/A	All topsoil stockpiles are sufficiently covered with netting.

(a)



(b)



(c)



(d)



Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
 **(e) 28-08-2025, 11:00 – All topsoil stockpiles are sufficiently covered with netting (a) to (e).**				
Stockpiles are placed on previously disturbed areas or areas with minimal environmental impact. Stockpiles do not exceed 2 m in height and maintain a natural angle of repose.	**Yes**	**No**	**N/A**	The Contractor has removed the majority of the excess subsoil from the upslope area along the trench at T4/5. They are in the process of removing the final soil by hand and reprofiling the area to the correct profile. The middle section of the trench is very wet as the soil is heavily clay based. The Contractor will leave this section and return in the dryer months to reprofile the area.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)

(a)



(b)



Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)

(c)



(d)



28-08-2025, 11:00 – Removal of excess subsoil from the stockpile areas on both sides of the trench at T4/5 and reprofiling the area (a) to (c). Some areas are still to have the excess soil removed by hand (d).

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Erosion control measures (e.g., bund walls) are in place to prevent stockpile erosion and compaction. Stockpiles do not obstruct water flow or cause water damming.	Yes	No	N/A	Correctly implemented for all topsoil stockpiles. Subsoil stockpiles have been returned as backfill and therefore these mitigation measures are not applicable.
Topsoil and subsoil are stockpiled separately and reinstated in reverse order. Topsoil is only handled during removal and reinstatement. Replaced soil is compacted and levelled with adjacent areas, especially near watercourses.	Yes	No	N/A	Correctly implemented. Subsoil stockpiles have been returned. Topsoil will be reinstated by the Rehabilitation Contractor once the pipeline has been completed.
Erosion and Sedimentation Control				
Any erosion or sedimentation on or off-site has been identified and reported. Rectification measures, as specified by the ECO, have been implemented.	Yes	No	N/A	Erosion is occurring along the access road to HAV1 Repl. and will be addressed if and when necessary. There is no erosion occurring at T4/5.
Any tunnels or erosion channels have been backfilled, compacted, and restored.	Yes	No	N/A	The existing trench, adjacent to which the pipeline will be laid, is already existing on the property. The Contractor is in the process of reprofiling the area. The Landowner's trench has been reinstated at T4/5. This includes installation of stormwater pipes as per the Landowner's original trench and stormwater mitigation measures. Some sections of the berm (originally on the property) have been reinforced by the Contractor with subsoil in two places, at the request of the Landowner.



(a)



(b)



(c)

28-08-2025, 11:00 – Examples showing the Landowner's original trench which has been reinstated (a) to (c).

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Cleared areas have been stabilised to prevent erosion, as per ECO's guidance.	Yes	No	N/A	This has not yet been required.
Earthworks Management				
Excavated trenches are demarcated and fenced off as "no-go" areas when no Construction activity is underway. Trenches and excavations are backfilled as soon as possible, ideally during pipeline/cabling laydown.	Yes	No	N/A	The trench at T4/5 is closed. Note: All line items under this section are applicable to T4/5 only and not HAV1 Repl., as no further earthworks are required at HAV1 Repl.
Open trenches are inspected daily for trapped animals, and any found are safely relocated. Excavation in watercourses/wetlands occurs only in the dry season and is avoided during predicted heavy rains.	Yes	No	N/A	Correctly implemented. All trenches are inspected daily for fauna which may be trapped, and none have been found to date. Note: The existing trench, adjacent to which the pipeline will be laid, is already existing on the property. The Contractor is in the process of reprofiling the area and has reinstated the Landowner's trench and stormwater pipes at T4/5. See photographs in section "Erosion and Sedimentation Control" above.
Soils are appropriately compacted according to the natural soil characteristics of the area to preserve future surface and subsurface drainage through the previously trenched areas.	Yes	No	N/A	Correctly implemented. Trenches have been backfilled with original subsoil and local bedding material. Topsoil will be returned by a Rehabilitation Specialist in due course.
Stockpiles are kept free of weeds throughout construction. Stockpiles are not placed within the 1:20 flood line, within 50 m of wetlands/watercourses, or outside designated areas in construction diagrams.	Yes	No	N/A	Correctly implemented.
Only backfill material from an approved, alien-free source is used. Backfill is free of foreign matter such as litter, waste, vegetation, and seed stock.	Yes	No	N/A	Trenches have been backfilled with original subsoil material and clean bedding has been sourced from a local company. Topsoil will be returned by a Rehabilitation Specialist in due course.
Changes in natural gradients due to Construction activities are avoided where possible or mitigated by levelling the slope to the original gradient during rehabilitation.	Yes	No	N/A	The existing trench, adjacent to which the pipeline will be laid, is already existing on the property. The Contractor is in the process of reprofiling the area to reinstate the Landowner's trench at T4/5.
Trenching				
Trenching for services shall be undertaken in accordance with the engineering specifications with the following environmental amplifications.	Yes	No	N/A	Correctly implemented during works. The trench at T4/5 has been backfilled and no open sections remain.
A buffer zone must be implemented for each wetland/watercourse and construction within the buffer zone must be restricted to the trench line and working side of the trench.	Yes	No	N/A	Trenching will not occur adjacent or next to a wetland and/or watercourse.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Soil shall be excavated and used for refilling trenches i.e., soil from the first trench shall be excavated and stockpiled, thereafter soil from the second excavated trench length shall be used to backfill the trench behind it once the services have been laid. The last trench shall be filled using the soil stockpiled from the first trench.	**Yes**	**No**	**N/A**	The trench at T4/5 has been backfilled and no open sections remain.

(a)



(b)



28-08-2025, 11:00 – Example of breather manholes along the pipeline in the final stages of being installed (a) and (b).

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Trench lengths shall be kept as short as practically possible before backfilling and compacting.	Yes	No	N/A	As above.
Trenches shall be re-filled to the same level as (or slightly higher to allow for settlement) the surrounding land surface to minimise erosion.	Yes	No	N/A	The existing trench, adjacent to which the pipeline will be laid, is already existing on the property The Contractor is in the process of reprofiling the area and has reinstated the Landowner's trench at T4/5.
Protection of Watercourses, Waterbodies and Wetlands				
The Contractor ensures that all watercourses and waterbodies are protected from contamination or degradation as a result of their activities, including protection from direct or indirect spills of pollutants.	Yes	No	N/A	No watercourses and/or waterbodies have been contaminated or degraded. It is expected that stormwater (or rainwater runoff) will be heavily silted after flowing through the construction area, however, a Freshwater Specialist is monitoring downslope ecosystems for potential impacts.
In the event of a spill, prompt action (as planned and approved in the Emergency Plan Method Statement) is taken to clear the polluted or affected areas, and the Engineer and ECO has been notified immediately.	Yes	No	N/A	Correctly implemented.
No activities occur within wetland areas unless necessary, with approval from the Engineer and ECO.	Yes	No	N/A	Correctly implemented.
Stormwater, Runoff Management and General Water Management				
No stormwater containing waste, or water containing waste emanating from Construction activities is discharged into a watercourse or waterbody.	Yes	No	N/A	Correctly implemented. The Contractor has closed the pipeline trench. The Landowner's trench is in the process of being reprofiled and the original stormwater design has been reinstated. Stormwater is currently not being diverted but is allowed to run along the original route (the Landowners trench). See photographs in section "Erosion and Sedimentation Control" above. Stormwater management is not required within the site area at HAV1 Repl., however, erosion is still looked out for.
Uncontaminated water is removed from the site by allowing it to seep back into the soil around the site.	Yes	No	N/A	As above.
Suitable control of runoff is ensured during the Construction phase to prevent erosion of topsoil on stockpiles and adjacent land and undeveloped portions of the site. Erosion is monitored, and mitigation measures are implemented including, but not limited to, utilisation of sandbags and berms to prevent water from engrossing on sensitive ecosystems and to focus drainage into soft sands around the site.	Yes	No	N/A	Correctly implemented. There are some small areas along the trench where the groundwater is seeping through the soil. The stormwater is now running in the original Landowner's trench as it was prior to construction. See section "Erosion and Sedimentation Control" above. There has been no erosion observed thus far (with the exception of the access roads)..

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Clean water and dirty water systems are managed independently and be kept separately.	Yes	No	N/A	Not required at this stage as there are no construction materials present in the water from the trench. Sediments coming from the trench stormwater are considered clean in situ material (soluble soils and clays in solution). Thus the water is considered to be clean.
Erosion and stormwater management measures, such as berms, silt fences, and/or hessian curtains, have been implemented to prevent sedimentation of freshwater features and divert stormwater away from erosion-prone areas. Erosion control measures are being monitored regularly throughout the construction phase to ensure effectiveness.	Yes	No	N/A	Stormwater is currently not being diverted but is allowed to seep into the soil where the trench has been backfilled. The stormwater is now running in the original Landowner's trench as it was prior to construction. There are currently no bunded areas onsite.
Stormwater is directed towards stabilised areas to dissipate the energy of water flow. No ponding of stormwater is occurring on the site. Stormwater is confined to a dedicated stormwater channel on the Site. Stormwater from bunded areas is collected in a suitable container for proper disposal off-site.	Yes	No	N/A	Stormwater is currently not being diverted but is allowed to seep into the soil where the trench has been backfilled. The stormwater is now running in the original Landowner's trench as it was prior to construction. There are currently no bunded areas onsite.
Increased runoff from vegetation clearance and/or soil compaction is being managed to prevent erosion and silt entry into streams.	Yes	No	N/A	Stormwater is currently not being diverted but is allowed to seep into the soil where the trench has been backfilled. The stormwater is now running in the original Landowner's trench as it was prior to construction.
Temporary Site Closure				
In the event of temporary site closure (for a period exceeding one week), the Contractor's ESO shall carry out checks and report on compliance to the ECO.	Yes	No	N/A	Neither site is currently temporarily closed.
Fire extinguishers are serviced and accessible.	Yes	No	N/A	As above.
There is adequate ventilation in enclosed spaces.	Yes	No	N/A	As above.
All hazardous substance stores are securely locked.	Yes	No	N/A	As above.
Fencing and barriers are in place.	Yes	No	N/A	As above.
Emergency and management contact details are prominently displayed and available.	Yes	No	N/A	As above.
Wind and dust mitigation measures e.g., straw, brush packs, irrigation, etc. are in place.	Yes	No	N/A	As above.
Excavated and filled slopes and stockpiles are at a stable angle and capable of accommodating normal expected water flows.	Yes	No	N/A	As above.
There are sufficient detention ponds or channels in place.	Yes	No	N/A	As above.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Cement and materials stores are secured.	**Yes**	**No**	**N/A**	As above.
Toilets are empty, secured, and lockable.	**Yes**	**No**	**N/A**	As above.
Central waste area and all refuse bins are empty and secured.	**Yes**	**No**	**N/A**	As above.
Contaminated water conservancy tank empty.	**Yes**	**No**	**N/A**	As above.
Any bunded areas are clean and treated with an approved product where applicable (e.g., Spill Sorb or Enretech #1 Powder or equivalent).	**Yes**	**No**	**N/A**	As above.
Drip trays are empty and secure.	**Yes**	**No**	**N/A**	As above.
Excavations should not be left open during temporary closures. If an excavation must remain open during temporary closure, then someone must check the excavation on a regular basis for the presence of animals and for the need to de-water (especially after rainfall).	**Yes**	**No**	**N/A**	As above.
Demolition and Removal of Structures				
The Contractor demolishes and removes from site everything not forming part of the Permanent Works, prior to landscaping and rehabilitation.	**Yes**	**No**	**N/A**	Work is ongoing. Not required at this stage.
All material generated from the demolition and removal of structures from site are appropriately disposed of if not reused. All incidental excavations are refilled and adequately compacted and rehabilitated.	**Yes**	**No**	**N/A**	As above.

The responsible personnel shall identify the root cause of Non-Compliance found and adopt the appropriate Corrective and Preventive Actions for mitigation measures. Confirmation of the effectiveness of the Corrective and Preventive Actions shall be verified by the ECO and approved by the Overstrand Municipality within an agreed time.

pp.  (Gemma Bluff) Date: 28-08-2025

(Environmental Control Officer: Melissa Weeks)

ENVIRONMENTAL SITE INSPECTION

Revision 1

Project and Site Information			
Date	03-09-2025	**Site Location**	HAV1 Repl.: -34.398490°; 19.209445° T4/5: -34.375420°; 19.246203°
Time	10:30	**Site Owner**	HAV1 Repl.: Overstrand Municipality T4/5: Bouchard Finlayson Winery
Project Title	972 – Hemel en Aarde Expansion	**Inspected By**	ECO Melissa Weeks
Contract	SC2504_2024 Civil, Mechanical & Electrical	**Stage / Status during Inspection**	HAV1 Repl.: The borehole operational trial period is underway. It is noted that the ECO was unable to access the site area inside the fence as the gate was locked. T4/5: The borehole pumping trial period is underway. Final reprofiling and installation of breather manhole rings is complete. The Contractor is expected to be offsite by the end of the week. Note: The site camp at T4/5 will serve for both it and HAV1 Repl. The Contractor is in the process of disassembling the site camp.
Corresponding Method Statement	Environmental Method Statement: Supply and Install Mechanical, Electrical and Civil Borehole Hermanus	**Environmental Method Statement Date**	17-02-2025

Summary of Non-Compliance Issues				
Site / Area	**Aspect**	**Date Identified**	**Date Corrected**	**Action Taken**
T4/5	The drip tray beneath the excavator onsite is broken and needs to be replaced.	14-03-2025	03-04-2025	The Contractor was requested to obtain a new drip tray.
	The excavator arm is leaking oil, which is currently dripping onto the excavator itself rather than the ground. However, the ground beneath is not protected by a drip tray, creating a risk of contamination if the oil starts to drip further.	14-03-2025	03-04-2025	Although no oil has spilled onto the ground yet, the Contractor was instructed to place a drip tray beneath the arm as a precaution and to either repair the leak or remove the excavator from the site. On the 20-03-2025 it was noted by the ECO that a drip tray has been placed below the dripping arm of the excavator. On the 27-03-2025 it was noted that a cloth was used to temporarily stop the dripping of oil from the excavator.

Summary of Non-Compliance Issues				
Site / Area	**Aspect**	**Date Identified**	**Date Corrected**	**Action Taken**
HAV1 Repl. & T4/5	There are no bins onsite.	14-03-2025	25-04-2025	The Contractor was requested to obtain bins for general, hazardous and recycling waste.
T4/5	There are no environmental ("dos and don'ts") posters/signs on display at the site camp.	14-03-2025	27-03-2025	The Contractor was requested to display an environmental awareness poster.
HAV1 Repl.	There is no smoking area defined onsite.	20-03-2025	27-03-2025	The Contractor was requested to set up a smoking area with a nearby fire extinguisher.
	Partial Compliance. There is no defined eating area for staff onsite.	20-03-2025	10-04-2025	The Contractor was requested to define an eating area onsite.
	Partial Compliance. The toilet is latched from the outside to prevent animals from entering but is not secured to prevent toppling.	20-03-2025	03-04-2025	The Contractor was requested to secure the toilet to the ground.
	There were no fire extinguishers onsite.	20-03-2025	27-03-2025	The Contractor was requested to take a fire extinguisher from the site camp to HAV1 Repl. every time they are working onsite.
HAV1 Repl. & T4/5	The working area at HAV1 Repl. has been demarcated with danger tape, but T4/5 has not been.	27-03-2025	03-04-2025	The Contractor was requested to demarcate the working area using temporary fencing.
	Disposal of both general waste and brush-cut alien vegetation has been completed. The Contractor reported that no disposal slips were issued by the municipal facilities.	03-04-2024	08-04-2025	The ECO visited the municipal facility to enquire about proof of disposal for the alien vegetation. Staff explained that they do not typically provide official stamps or signatures. However, a logbook of incoming vehicle registration plates is maintained. The ECO has requested that, if permitted, the Contractor take a photo of the logbook showing their vehicle's entry. The general waste facility does issue disposal slips when vehicles go over the weighbridge. If not, staff are usually willing to sign a slip provided by the Contractor. On 08-04-2025 the Contractor confirmed that they had attempted to obtain a disposal slip for the waste that had already been offloaded. However, the facility would not issue a slip retrospectively. Going forward, the Contractor has been instructed to use the weighbridge to ensure proper disposal documentation is provided.
HAV1 Repl.	An oily fuel drum has been used for staff to store their lunch bags. It is unclear whether the oil was present beneath the bags during the inspection on 10-04-2025.	17-04-2025	24-04-2025	The Contractor was requested to immediately remove the oily drum from site and place it in the container at site camp.

Summary of Non-Compliance Issues				
Site / Area	**Aspect**	**Date Identified**	**Date Corrected**	**Action Taken**
	Partial Compliance. Two small cement spills have been observed at HAV1 Repl.	17-04-2025	22-04-2025	The Contractor was requested to pick these up and place them with the excess rubble that is stored on a plastic sheet adjacent to the pumphouse for disposal.
	A small amount of litter was seen around the site area.	29-04-2025	29-04-2025	The Contractor immediately cleaned up the litter.
Site Camp	Partial Compliance. The Contractor does not have a copy of the MSDS for Bricure (cement sealant) onsite.	08-05-2025	29-05-2025	The Contractor was requested to obtain a copy of this MSDS for the site file. The ECO tried finding this online but was unsuccessful.
HAV1 Repl.	Partial Compliance. A section of the barrier fence around the site has blown over.	19-05-2025	05-06-2025	The Contractor was requested to reinstate the barrier fence. Note: on the 29-05-2025 a section of the barrier fence has been removed. The Contractor was requested to reinstate the barrier fence.
	Partial Compliance. The toilet onsite is secured to the ground but not latched.	19-05-2025	29-05-2025	The Contractor was requested to ensure that the toilets onsite are always latched closed to prevent animals from entering.
T4/5	The Contractor has separated the topsoil from the subsoil but has not demarcated the topsoil.	19-05-2025	29-05-2025	The Contractor was requested to cover topsoil with netting to ensure it is kept separate from subsoil and not mistakenly used as such.
	Partial Compliance. Topsoil has not yet been cleared along the pipeline route in some areas where the excavators are operating. If not removed promptly, it is at risk of becoming compacted.	19-05-2025	29-05-2025	The Contractor was instructed to remove the topsoil along the excavator route before excavation work continues.
	Topsoil stockpiles have not been covered with netting.	19-05-2025	30-06-2025	The ECO requested netting be placed over topsoil stockpiles for demarcation and to prevent erosion. 05-06-2025: Majority of the topsoil stockpiles have been covered with shade cloth, but not all.
	Some sections of the barrier tape have been buried by subsoil stockpiles which have been placed outside of the demarcated area.	29-05-2025	13-06-2025	The Contractor was requested to reinstate the danger tape.
	One generator onsite was correctly placed inside a drip tray, while the other was not. Additionally, the crane truck did not have any drip trays beneath it.	29-05-2025	05-06-2025	The Contractor was instructed to ensure that all generators are placed inside drip trays and not directly on the ground, and that all vehicles have appropriate drip trays positioned underneath them.

Summary of Non-Compliance Issues				
Site / Area	**Aspect**	**Date Identified**	**Date Corrected**	**Action Taken**
	Subsoil stockpiles have been placed outside of the demarcated area on top of vegetation.	05-06-2025	08-08-2025	The Contractor was requested to seek advice from the Rehabilitation Specialist on how to remove the soil without damaging the underlying vegetation. Note: The Contractor has been instructed by the Rehabilitation Specialist to remove the subsoil by hand to prevent damage to vegetation and topsoil.
	The majority of the trench remains open due to time constraints and the approaching rainy season, which has made it difficult for the Contractor to complete trenching and backfilling in smaller sections as outlined in the EMS.	05-06-2025	03-07-2025	The Contractor is making a consistent effort to comply with all other EMS conditions and continue work responsibly under the circumstances.
	The large excavator onsite is leaking oil from underneath onto a plastic sheet. This is a new leak and unrelated to the leak identified on 14-03-2025. No evidence of spills beneath the sheet are evident.	13-06-2025	03-07-2025	The Contractor was requested to repair the excavator or remove it from site. 19-06-2025: A small amount of oil dripped outside of the plastic area onto the ground despite the excavator being repaired. The small spill was immediately picked up. The Contractor was requested to repair the excavator again. 26-06-2025: A small oil spill occurred beneath the excavator due to leftover oil from recent repairs and the absence of a drip tray. The Contractor was instructed to clean the machine and carry out further repairs to identify and stop the leak.
	Partial Compliance. A small amount of cement spilled outside the shuttering.	13-06-2025	19-05-2025	The Contractor was requested to wait for the cement to dry and then pick it up and dispose of it as rubble.
Site Camp	The Electrical Contractor was to be inducted by the primary Contractor ahead of the installation of the electrical boxes. When the Contractor was asked to provide the ECO with an induction register, none could be provided.	03-07-2025	11-07-2025	The Contractor was requested to induct the Electrical Contractor and provide the ECO with a copy of the attendance register.
T4/5	Partial Compliance. The plastic beneath the small excavator had blown out from beneath the machine. The large excavator had drip trays beneath it, however, they were full of rainwater.	03-07-2025	11-07-2025	The Contractor was not onsite at the time of the inspection but was requested to rectify.

Summary of Non-Compliance Issues				
Site / Area	**Aspect**	**Date Identified**	**Date Corrected**	**Action Taken**
HAV1 Repl.	Partial Compliance. The security guard is smoking inside the hut, however, the cigarette buds are not being placed into the provided bin but rather on the ground outside the hut.	11-07-2025	18-07-2025	The security guard was requested to pick up the buds and place them in the bin.
T4/5	The large excavator onsite is leaking oil into a drip tray.	18-07-2025	31-07-2025	The Contractor was requested to fix the excavator or remove it from site.
	Some sections of barrier fencing are broken along the trench working area.	18-07-2025	08-08-2025	The Contractor was requested to reinstate the fencing.
	The TLB onsite was observed driving inside of the “no-go” area to dump material for backfilling. Fortunately, the ECO observed this on the first load of material and the vegetation was left slightly trampled but not damaged.	25-07-2025	31-07-2025	The TLB driver was instructed to only drive within the working area.
	Partial Compliance. Some topsoil stockpiles are no longer sufficiently covered with netting.	25-07-2025	13-08-2025	The Contractor was requested to re-cover the topsoil stockpiles.
HAV1 Repl.	Partial Compliance. The Fencing Contractor did not have a drip tray beneath the generator onsite, only some wooden boards.	31-07-2025	28-08-2025	The Contractor was requested to obtain a drip tray. 08-08-2025: This item will remain open as the Fencing Contractor will return to T4/5 to install a fence.
	The Contractor was mixing cement for the fence post foundations inside a wheelbarrow but with no mitigation measures beneath.	31-07-2025	28-08-2025	The Contractor was requested to mix cement with plastic beneath the mixing area to prevent spillage. 08-08-2025: This item will remain open as the Fencing Contractor will return to T4/5 to install a fence.
	A large amount of litter was observed around the site area.	08-08-2025	28-08-2025	The Contractor was requested to remove the litter.
	Minor cement spills were observed around the foundations of the fence posts.	08-08-2025	22-08-2025	The Contractor was requested to pick up the cement which has spilled outside the foundations.
	The waste bin onsite is overflowing and not secured to prevent animals from accessing it.	08-08-2025	13-08-2025	The Contractor was requested to empty the bin and secure it to prevent animals from accessing it.
T4/5	The Contractor did not have a drip tray beneath an oil container and two jerry cans of fuel.	08-08-2025	13-08-2025	The Contractor was requested to ensure that all hazardous chemics were stored on drip trays onsite.

Summary of Non-Compliance Issues				
Site / Area	**Aspect**	**Date Identified**	**Date Corrected**	**Action Taken**
	The Contractor was seen mixing cement on the bare ground with no plastic or boards beneath. The cement is highly alkaline and without proper remediation no plants will grow back in the area following rehabilitation.	08-08-2025	08-08-2025	The Contractor was instructed to immediately dig up the area where the cement was being mixed. The spoil was to be used at backfill for the breather manholes, followed by subsoil to prevent contamination with topsoil.
	Partial Compliance at T4/5. The bin onsite is lockable but was not locked at the time of the inspection.	22-08-2025	28-08-2025	The Contractor was requested to rectify this.
	A small cleanup is required at T4/5 where cement was mixed onsite.	28-08-2025	03-09-2025	The Contractor was requested to rectify this.
	There is no firefighting equipment onsite at the site camp at T4/5.	28-08-2025	Pending	The Contractor was requested to bring a valid fire extinguisher back to site.
	There is some litter around the site camp area at T4/5.	28-08-2025	03-09-2025	The Contractor has been requested to rectify this.
	There were no drip trays beneath the machinery parked onsite.	03-09-2025	Pending	The Contractor has been requested to rectify this.
	A copy of the EMS, the BAR and the EA are not available in the site file.	03-09-2025	Pending	The Contractor has been requested to bring the site file back to site while site closure is underway.
	No bins present onsite.	03-09-2025	Pending	The Contractor has been requested to bring a lockable bin back to site while site closure is underway.
	The Road Rehabilitation Contractor has not been inducted by the Engineering Contractor and as such are not aware of environmental requirements and controls.	03-09-2025	Pending	The Contractor was requested to do training.
	No spill kit is currently onsite.	03-09-2025	Pending	The Contractor has been requested to bring the spill kit back to site while site closure is underway.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
General				
Is the overall appearance of the site visually acceptable and tidy?	**Yes**	**No**	**N/A**	Correctly implemented at HAV1 Repl. and T4/5.

(a)



(b)



Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)

(c)



(d)



03-09-2025, 10:30 – The site is neat at HAV1 Repl. (a) and (b). The site camp at T4/5 has been removed (c), and the access road is in the process of being rehabilitated (d).

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
A copy of the EMS will always be available onsite in the site file.	Yes	No	N/A	A copy of the EMS, the BAR and the EA are not available in the site file as the site camp has been removed. The Contractor has been requested to bring this back while site closure is underway.
Environmental Awareness Training				
The Contractor ensures that all employees, and those of their Sub-Contractor, attend an Environmental Awareness Training Course (EATC), conducted by the ECO. The training will cover key environmental features of the working area, its surroundings, and the environmental controls outlined in this specification.	Yes	No	N/A	The Road Rehabilitation Contractor has not been inducted by the Engineering Contractor and as such are not aware of environmental requirements and controls. The Engineering Contractor was requested to rectify this. An EATC was given to staff on the 24-02-2025 at the Contractor's offices. Further training has been given by the ECO to local labour and/or Subcontractors onsite on the 20-03-2025, 03-04-2025, 12-05-2025, 19-05-2025, 29-05-2025, 03-07-2025, 18-07-2025, 25-07-2025, and the 31-07-2025.
The initial EATC shall be held within 28 days from the Commencement Date, and subsequent courses shall be arranged for new employees coming onto Site after the initial training course. Provision shall also be made for refresher courses to be undertaken on a quarterly basis during the Contract.	Yes	No	N/A	As above.
The Contractor provides proof of attendance by all their employees in the form of a signed attendance register for each session. All environmental training registers are kept on file.	Yes	No	N/A	Correctly implemented.
Site Division, Demarcation and "No-Go" Areas				
The location, layout and establishment of the Contractors camp shall be approved by the ECO prior to the start of establishment.	Yes	No	N/A	The site camp has been removed from T4/5 as works are coming to an end and the site will be temporarily closed until rehabilitation is undertaken in April 2026.
The Contractor restricts all their activities, materials, plant equipment and personnel to within the Site or any working areas specified or indicated on the drawings.	Yes	No	N/A	Correctly implemented at both sites.
Permanent and/or temporary fences have been erected and maintained in the locations specified in the Scope of Work or drawings, and, if specified, before the commencement of any construction activities.	Yes	No	N/A	A permanent fence has been erected at HAV1 Repl. See photograph in section "General" above. The boundary fence at T4/5 will not be reinstated as the Civils Contractor is currently moving offsite. Furthermore, the fence surrounding the site camp has been removed as the Contractor is in the process of disassembling the site camp. A permanent fence will be erected in the coming weeks.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Where environmentally sensitive areas are specified as “no-go” areas, no person, plant, equipment, or material shall enter these areas at any time, in accordance with the Contractor's authority.	Yes	No	N/A	No staff or machinery have been observed outside of the working area at both sites.
Access Routes/Haul Roads				
The Contractor controls the movement of all vehicles and construction equipment, including those of suppliers and subcontractors, ensuring they remain on designated routes and are distributed to prevent undue traffic concentration. All vehicle and equipment movement complies with relevant laws. The movement of such vehicles and construction equipment is planned and operated to minimise disruption to regular users of the routes.	Yes	No	N/A	Correctly implemented.
As far as possible the Contractor uses existing access and haul routes.	Yes	No	N/A	Correctly implemented.
Any damage to existing access roads caused by construction activities has been repaired to the satisfaction of the Engineer using material similar to the original. The cost of repairs has been covered by the Contractor.	Yes	No	N/A	The road leading to HAV1 Repl. is slowly being damaged by erosion, which happens regularly in this area. The Contractor will repair the road should it be deemed necessary for access. This is not required at T4/5, however, the Landowner has requested that the access road be repaired in some areas due to the winter heavy rains in the area.



03-09-2025, 10:30 – The access road at T4/5 is in the process of being rehabilitated, at the request of the Landowner.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
No new access roads or tracks have been constructed without the Landowner's consent.	Yes	No	N/A	Correctly implemented. No new access roads have been required.
Where new routes are required to gain site access, prior approval from the Engineer and ECO have been obtained. New access routes disturb the smallest possible area, avoid all "no-go" areas, and follow natural contours where possible.	Yes	No	N/A	No new routes are required at this stage.
Vehicle trips have been kept to a minimum to reduce vegetation damage, and all equipment has remained on the demarcated access route.	Yes	No	N/A	No staff or machinery have been observed outside of the working area at both sites.
All directional signage for vehicle and equipment movement required by the Contractor, their Subcontractors or Suppliers is of an approved design and located as approved by the Engineer.	Yes	No	N/A	No directional signage is currently required.
Eating Areas				
The Contractor has designated eating areas within the approved camp.	Yes	No	N/A	The site camp has been removed from T4/5 as works are coming to an end and the site will be temporarily closed until rehabilitation is undertaken in April 2026. The eating area at HAV1 Repl. has been removed as the Contractor is not onsite.
The feeding of, or leaving of food for, animals is strictly prohibited.	Yes	No	N/A	No food is left out for animals.
Sufficient bins are provided in specified areas, and lockable bins are used where required to prevent animal access (especially baboons).	Yes	No	N/A	No bins present onsite at T4/5. There is no bin onsite at HAV1 Repl. as the Contractor is not onsite.
Any cooking onsite is done on well-maintained gas cookers with valid fire extinguishers present. No open fires for cooking purposes are permitted under any circumstances.	Yes	No	N/A	No cooking is being done onsite at either site.
Materials Handling, Use and Storage				
The Contractor shall ensure that any delivery drivers and visitors to site are informed of all procedures and restrictions. A visitor's register has been kept on file.	Yes	No	N/A	See "Environmental Awareness Training" above.
Materials shall be appropriately secured to ensure safe passage between destinations. Loads, will be secured appropriately to prevent them spilling from the vehicle during transit.	Yes	No	N/A	Correctly implemented.
The Contractor shall be responsible for any clean up resulting from the failure by their Employees or Suppliers to properly secure transported materials.	Yes	No	N/A	No clean-up has been required.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
All manufactured and/or imported materials shall, where reasonably possible, be stored within the Contractor's camp and, if so required by the Engineer/ECO, out of the rain.	Yes	No	N/A	The site camp is in the process of being removed at T4/5, but some building material has been stored next to the pumphouse. A small pile of gravel and sand from the fencing work which was being stored at HAV1 Repl. has been used as backfill. See photographs in “General” above.

(a)



(b)



03-09-2025, 10:30 – Some materials are being stored at T4/5 pumphouse while site closure is underway (a) and (b).

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
The location and method of protection of such materials stored outside of the Contractor's camp and the method of rehabilitation of these areas, shall be subject to the Engineer/ECO's approval. Stockpile areas shall be approved by the Engineer/ECO before any stockpiling commences.	Yes	No	N/A	Correctly implemented.
Handling, Use and Storage of Hazardous Substances				
Surfaces where hydrocarbon spills may occur are adequately prepared to prevent pollution.	Yes	No	N/A	There were no drip trays beneath the machinery parked onsite. The Road Rehabilitation Contractor was requested to place drip trays beneath all machinery while not in use. See "Equipment Maintenance and Storage" below.
The ECO has been informed of all hazardous substances stored onsite, and MSDSs have been provided.	Yes	No	N/A	All hazardous substances have been removed from site. No fuel or other substances were observed by the ECO.
Hazardous substances are stored in an appropriate area, in leak proof containers which are correctly labelled. Bunding the area will be required if necessary, as per the ECO.	Yes	No	N/A	As above.
Spills are immediately contained, the source is isolated, and the spillage is removed. Cleanup is conducted by applying absorbent material or by removing contaminated soil.	Yes	No	N/A	No leaks or spills were observed by the ECO during the inspection at either site, and as such, no spills have occurred since the 08-08-2025.
Treatment or remediation of the spill is done to the satisfaction of the ECO, with waste disposed of at a licensed facility and disposal slips provided to the ECO.	Yes	No	N/A	As above. The stored contaminated material from pervious spills has been removed in the storage container and is at the Contractor's yard. This will be disposed of in due course and a disposal certificate provided to the ECO.
Hydrocarbon Management (Fuels, Oils and lubricants)				
Hydrocarbon storage area is located where it does not pose a risk to sensitive ecosystems and or traffic and staff safety.	Yes	No	N/A	All hazardous substances have been removed from site. No fuel or other substances were observed by the ECO.
Surfaces, where the possibility of hydrocarbon spillage exists, are prepared in such a way as to mitigate these risks.	Yes	No	N/A	See "Equipment Maintenance and Storage" below.
Drip trays are placed under all parked or stationary plant/vehicles/machinery, and these containers are inspected to ensure no leakage occurs.	Yes	No	N/A	As above.
Diesel/fuel is stored in sound storage tanks or in bowsers, and the tanks/bowsers are placed within a bunded area or on an area where the ground has been protected.	Yes	No	N/A	All hazardous substances have been removed from site. No fuel or other substances were observed by the ECO.
A spill kit is available on-site at all times, and unauthorized access to the fuel storage area is prevented.	Yes	No	N/A	No spill kit is currently onsite at T4/5. The Contractor has been requested to bring the spill kit back to site while site closure is underway.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
No smoking is permitted near the fuel storage area.	Yes	No	N/A	Correctly implemented. Smoking is currently occurring where the site camp is being disassembled at T4/5. Not required at HAV1 Repl. as there are no Contractors onsite.
 **03-09-2025, 10:30 – Smoking area where the site camp used to be at T4/5.**				
The Contractor has ensured that there is adequate fire-fighting equipment at the fuel stores.	Yes	No	N/A	There is no firefighting equipment onsite at T4/5. The Contractor was requested to bring a fire extinguisher back to site.
Fuel containers are secured during transport.	Yes	No	N/A	All hazardous substances have been removed from site. No fuel or other substances were observed by the ECO.
The surface under the refuelling area is protected against pollution to the ECO's satisfaction prior to refuelling activities. Equipment is refuelled with the use of drip trays.	Yes	No	N/A	As above.
Plant				
Equipment selection and operation are done with environmental degradation minimized, and equipment operators are made aware of environmental requirements and controls. Environmental training registers are kept on file onsite.	Yes	No	N/A	The Road Rehabilitation Contractor has not been inducted by the Engineering Contractor and as such are not aware of environmental requirements and controls. The Engineering Contractor was requested to do training.
Equipment Maintenance and Storage				
Leaking equipment or vehicles emitting noticeably excessive fumes are repaired immediately or removed from Site.	Yes	No	N/A	There is no leaking machinery or equipment onsite at either site.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Vehicles and machinery are serviced off-site, or if onsite maintenance is necessary, it is done outside sensitive areas, with prior approval from the Engineer and ECO. Portable drip trays on plastic are used to collect waste oil and lubricants to prevent environmental contamination.	**Yes**	**No**	**N/A**	As above.
Drip trays are provided in construction areas for stationary/parked equipment, inspected and emptied daily, and monitored during rain events to prevent overflow. The Contractor ensures that equipment is covered so that rainwater is excluded from the drip trays.	**Yes**	**No**	**N/A**	Stationary/parked vehicles onsite at T4/5 do not have drip trays underneath them. 28-08-2025: Hazardous liquids have been taken to the Contractor's yard. Proof of disposal is still to be provided by the Contractor.

(a)



(b)



Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
 (c) 03-09-2025, 10:30 – Machinery parked without drip trays onsite at T4/5 (a) to (c).				
Oil from drip trays is stored in clean drums on protected ground and removed regularly to an oil-recycling centre. Proof of disposal is kept on file onsite.	Yes	No	N/A	Proof of disposal is still to be provided by the Contractor.
Washing of equipment onsite is strictly prohibited.	Yes	No	N/A	No washing of equipment covered in hydrocarbons has occurred. Washing of cement covered tools has been allowed. See section “Cement and Concrete Batching” below.
Cement and Concrete Batching				
Batching will only occur in areas which are located on a smooth impermeable surface (concrete or 250 pm plastic) and cement is batched (mixed) in a bunded area within the boundaries of the development footprint.	Yes	No	N/A	Cement works are complete for now. 31-07-2025: The Fencing Contractor was observed mixing cement in a wheelbarrow without ground protection. This non-compliance remains open as further fence installation work is planned at T4/5.
Cement is stored within weatherproof facilities/covered to prevent environmental contamination.	Yes	No	N/A	Cement works are complete for now.
All wastewater resulting from batching of cement/concrete is disposed of via the contaminated water management system and is not discharged into the environment.	Yes	No	N/A	Correctly implemented at T4/5. The ECO is awaiting proof of disposal.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Waste water from cement/concrete works and tool washing will be directed into a sump lined with bidim.	Yes	No	N/A	Cement works are complete for now.
Once work is complete the bidim sump will be removed and the waste material will be disposed of at a licenced facility.	Yes	No	N/A	The ECO is awaiting proof of disposal.
Diversion berms are installed to direct contaminated water to a storage area, and contaminated water storage areas are protected from overflow, rain, and flooding.	Yes	No	N/A	Not required at this stage.
Sand, aggregate, cement or additives used during the mixing process are stored and appropriately and to prevent contamination of the surrounding environment.	Yes	No	N/A	There are no sands, aggregate, cement or additives onsite at either site.
Empty cement bags are stored in weatherproof containers to prevent contamination and are disposed of regularly through the hazardous waste management system.	Yes	No	N/A	There are no empty cement bags onsite.
Reasonable measures are taken by the Contractor to prevent cement/concrete spillage during batching and construction. The ground beneath the shoots of cement trucks shall be protected with plastic sheeting.	Yes	No	N/A	31-07-2025: It was noted during the inspection that the Fencing Contractor was mixing cement for the fence post foundations inside a wheelbarrow but with no mitigation measures beneath. This item will remain open as the Contractor will be returning to T4/5 to install a fence. The cement spills were picked up by the Contractor.
Spoiled or excess aggregate/cement/concrete is removed and disposed of through the solid waste management system, with a disposal certificate retained in the site file.	Yes	No	N/A	The ECO is awaiting the disposal certificate from the spilled material from T4/5.
Ablution and Toilet Facilities				
Washing, defecating, and urinating are only permitted at designated facilities.	Yes	No	N/A	No washing, defecating, or urinating has occurred outside of toilet facilities at either site. The toilet at HAV1 Repl. has been removed as the Contractor is not onsite.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
 **03-09-2025, 10:30 – A toilet is available for workers at T4/5, and is secured to the ground.**				
Ablution facilities, including shelter, toilets, and washing facilities, are provided by the Contractor for all personnel onsite. Toilet facilities are provided at a ratio of at least 1 toilet per 30 workers (1:15 preferred).	**Yes**	**No**	**N/A**	Correctly implemented at T4/5.
Toilet facilities are located within the Contractor's camp, but also at work areas remote from the camp, all to the satisfaction of the ECO.	**Yes**	**No**	**N/A**	Correctly implemented at T4/5.
All portable toilets are adequately secured to the ground to prevent them toppling over because of wind or any other cause, and latched closed to prevent fauna getting in.	**Yes**	**No**	**N/A**	Correctly implemented at T4/5.
The Contractor has ensured that the entrances to these toilets are maintained in a hygienic state, serviced regularly, that no spillage occurs when they are cleaned and that contents are removed from Site.	**Yes**	**No**	**N/A**	Correctly implemented at T4/5.
Discharge of waste from toilets into the environment and burial of waste is strictly prohibited.	**Yes**	**No**	**N/A**	No waste from toilets has been buried.
No ablution facilities are located closer than 50 m to any watercourse, wetland or other surface water body.	**Yes**	**No**	**N/A**	Correctly implemented at T4/5.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Water Use				
Water is conserved wherever possible, with efforts to minimize usage and immediate attention given to any wastage.	Yes	No	N/A	Correctly implemented.
Water for potable use is sourced from a legal source, and the Contractor absolves the Employer of all risk or liability regarding compliance with relevant statutory obligations.	Yes	No	N/A	Water for potable use is no longer required at either site as both sites are in the process of being closed.
Water is not abstracted from private property without the prior written approval of the Landowner.	Yes	No	N/A	Correctly implemented. Permission was given to the Contractor by the Overstrand Municipality to use the groundwater from the old HAV1 borehole, but this is no longer being used.
Only non-potable water from an approved source is used for construction activities such as dust suppression, etc.	Yes	No	N/A	Non-potable water is no longer required at either site as both sites are in the process of being closed.
Water for construction purposes is bought to site in bowsers and stored in appropriately if required.	Yes	No	N/A	As above.
The Contractor ensures that the re-use of construction water is maximised.	Yes	No	N/A	As above.
Fire Control				
The Contractor takes adequate precautions to ensure that the fire hazard on and near the site is reduced to a minimum and no fires have occurred/ been lit onsite.	Yes	No	N/A	Correctly implemented. No fires have occurred at either site.
Any fires which occur are reported to the ECO immediately.	Yes	No	N/A	No fires have occurred at either site.
Smoking is only permitted in designated smoking areas, which are demarcated, equipped with ash trays and fire-fighting equipment, and located away from fire hazards such as fuel storage, refuelling areas, or dense/grassy vegetation.	Yes	No	N/A	There is a smoking area but no firefighting equipment onsite at T4/5. There are no fire extinguishers onsite at HAV1 Repl. as the Contractor is not onsite.
A Fire Officer (may be the ESO) is appointed by the Contractor to ensure immediate and appropriate actions in the event of a fire and to make employees aware of the fire procedure.	Yes	No	N/A	Correctly implemented.
The relevant authority is notified immediately when a fire starts, without waiting until it can no longer be controlled.	Yes	No	N/A	No fires have occurred at either site.
The Contractor has ensured that there is always suitable and sufficient firefighting equipment available onsite.	Yes	No	N/A	There is no firefighting equipment onsite at T4/5. The Contractor was requested to bring a fire extinguisher back to site. There are no fire extinguishers onsite at HAV1 Repl. as the Contractor is not onsite.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
The Contractor has submitted an EMS to the ECO covering the procedure to be followed in the event of a fire.	Yes	No	N/A	Correctly implemented.
Necessary materials and equipment for dealing with oil, fuel, and hazardous substance spills (spill kits) and leaks are always onsite and up to date as a pre-emptive fire protection method.	Yes	No	N/A	No spill kit is currently onsite at T4/5. The Contractor has been requested to bring the spill kit back to site while site closure is underway. Not required at HAV1 Repl.
The storage of hazardous/flammable materials and substances complies with national, provincial, and local regulatory requirements.	Yes	No	N/A	No hazardous/flammable materials and substances are stored onsite.
Hot works				
Any welding and/or hot work has been undertaken with the necessary safety equipment, i.e., welding screens with functional/serviced fire extinguishers onsite.	Yes	No	N/A	No hot works have been required at this stage.
Designated staff have undergone fire-safety training and are certified to operate fire extinguishers and put out fires safely and quickly.	Yes	No	N/A	Correctly implemented.
Solid Waste Management, Litter and Refuse				
The site is kept neat and clean, and littering is prohibited.	Yes	No	N/A	The litter around where the site camp was situated at T4/5 has been picked up. There is no litter onsite at HAV1 Repl.



(a)

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
 (b) 03-09-2025, 10:30 – The litter around where the site camp was situated at T4/5 has been picked up (a) and (b).				
Burying or dumping of waste materials, vegetation, litter, or refuse onsite is prohibited.	Yes	No	N/A	No burying or dumping of waste materials, vegetation, litter, or refuse are onsite at either site.
Lockable and weatherproof bins with lids are provided in sufficient number and capacity to store daily solid waste. Lids are kept firmly on the bins, and they are emptied regularly, at least once a week, to prevent overflow.	Yes	No	N/A	No bin present onsite at T4/5. See section "Eating Areas" above. Not applicable at HAV1 Repl. as the Contractor is no longer working onsite.
Waste from bins may be temporarily stored onsite in a central waste area that is weatherproof and scavenger proof (lockable), and which the ECO has approved.	Yes	No	N/A	No general waste is stored onsite.
Refuse is recycled wherever possible, with containers provided for glass, paper, metals, and plastics, and contents delivered to suitable recycling facilities when necessary.	Yes	No	N/A	No bin present onsite at T4/5. See section "Eating Areas" above. Not applicable at HAV1 Repl. as the Contractor is no longer working onsite.
All construction waste or spoil material is recycled wherever possible, either onsite or taken back to the Contractor's workshop for disposal, with disposal slips provided.	Yes	No	N/A	As above.
All litter and refuse are disposed of offsite at an approved landfill site. The Contractor provides the ECO with a certificate of disposal and retains a copy in the Site file.	Yes	No	N/A	Correctly implemented. The waste disposal slips have been taken to the Contractor's yard. The ECO has requested that they be placed into the site file.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Contaminated Water Management				
Water containing pollutants such as cement, concrete, lime, chemicals, oils, and fuels is discharged into a conservancy tank for removal to a licensed disposal facility. A certificate of disposal is retained in the Site file. This applies to water from concrete batching plants and runoff from fuel storage, refuelling, or equipment washing areas.	**Yes**	**No**	**N/A**	No water containing pollutants is stored or present onsite at either site.
No paint products, chemical additives, or cleaners (e.g., thinners and turpentine) or their wash water are disposed of onsite.	**Yes**	**No**	**N/A**	There are no paint products onsite at either site.
The Contractor notifies the ECO immediately of any pollution incidents onsite and takes all reasonable measures to contain and minimize the effects of the pollution.	**Yes**	**No**	**N/A**	No pollution incidents have occurred.
Lights				
The Contractor ensures that onsite lighting does not cause avoidable disturbances to surrounding users and does not attract unwanted insects or animals. All installed lighting is energy-efficient where practical and is turned off when not in use.	**Yes**	**No**	**N/A**	No work will be occurring at night at either site.
Noise				
The Contractor limits noise levels (for example, by installing and maintaining silencers on plant equipment or using hay bales to lessen the noise).	**Yes**	**No**	**N/A**	Not required at this stage. Will be implemented if required.
Employees are provided with adequate PPE with respect to ear protection.	**Yes**	**No**	**N/A**	As above.
No amplified music or sound equipment is allowed onsite. Audio equipment may only be used at low volumes to remain unobtrusive. Sound amplification is permitted only in emergency situations	**Yes**	**No**	**N/A**	No music or sound equipment present onsite at either site.
Dust Management				
The Contractor takes all reasonable measures to minimise the generation of dust.	**Yes**	**No**	**N/A**	Not required at this stage due to wet weather conditions.
Stockpiles are kept in sheltered areas and managed in the following manner: Stockpile slopes are minimized to a natural angle of repose; stockpile sizes have been limited to a maximum height of 2 meters and stockpiles not in active use have been covered with shade cloth or geofabric.	**Yes**	**No**	**N/A**	All subsoil stockpiles at T4/5 have been placed back into the trench as backfill material. Not required at HAV1 Repl.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Dust suppression (wetting or other best practicable environmental option) is used in and around the Construction area, along haul roads, at stockpiles, and any additional area indicated by the EO/ECO.	**Yes**	**No**	**N/A**	Not required at this stage due to wet weather conditions.
Dowsing, with non-potable water (not including treated effluent or seawater, which may not be used for any activities), is implemented to reduce and control dust fallout.	**Yes**	**No**	**N/A**	As above.
Construction Personnel Information Posters				
Environmental information posters ("dos and don'ts") have been erected at eating areas and other common areas. Posters are maintained in good condition and replaced if damaged or illegible.	**Yes**	**No**	**N/A**	The site camp at T4/5 has been removed and as such the environmental ("dos and don'ts") posters, emergency numbers, and ECOs small white board are no longer present onsite.
Emergency Procedures				
EMS procedures are in place for emergencies and are being followed.	**Yes**	**No**	**N/A**	No emergencies have occurred.
In the event of an emergency, the Overstrand Municipality's Emergency Call Centre has been contacted using the appropriate numbers. Emergency contact numbers, including the local firefighting service, are posted in the Contractor's office and near the onsite telephone, and are retained in the Site file.	**Yes**	**No**	**N/A**	As above.
General Protections in Terms of the National Heritage Resources Act (25 of 1999)				
If any heritage resource is encountered, work is stopped immediately, and the Engineer and ECO are notified. In this case, the Engineer/ECO contacts the relevant Heritage Authority, and work proceeds only upon their approval.	**Yes**	**No**	**N/A**	No heritage resources have been discovered.
A copy of the Record of Decision issued by Heritage Authorities is kept onsite, and The Contractor complies with the heritage management specifics outlined in the EMPr.	**Yes**	**No**	**N/A**	As above.
Protection of Natural Features				
The Contractor does not deface, paint, damage or mark any natural features situated in or around the site for survey or other purposes, unless agreed beforehand with the Engineer, ECO and Landowner.	**Yes**	**No**	**N/A**	Correctly implemented.
Any features affected by the Contractor in shall be restored/rehabilitated to the satisfaction of the ECO and Landowner.	**Yes**	**No**	**N/A**	No features have been affected.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Protection of Flora and Fauna				
Vegetation and flora are not removed, damaged, or disturbed except as necessary for the works, as specified by the ECO.	**Yes**	**No**	**N/A**	Correctly implemented. Note: Beginning March 2025, during the overhead cable installation at T4/5, all vegetation beneath the cable was brush-cut and improperly treated. The area will be monitored until the alien vegetation can be correctly identified and treated with an appropriate herbicide for proper removal. It is noted that the vegetation has grown back and the alien vegetation can be positively identified for proper removal. The Contractor has requested that the Search and Rescue Specialist complete this when they return in 2026 to complete the rehabilitation.
A Specialist has identified natural vegetation or rare/endangered flora to be preserved. The Contractor has demarcated these areas as "no-go areas" to protect the flora. Necessary measures have been taken to ensure the protection of identified flora.	**Yes**	**No**	**N/A**	Search and Rescue was completed by a Specialist for the pipeline route at T4/5 on 25-02-2025 and 08-05-2025. Not required at HAV1 Repl.
Equipment has not been driven across natural vegetation, where possible. Areas of needless vegetation destruction have been reinstated to the standard specified by the ECO.	**Yes**	**No**	**N/A**	Correctly implemented.
Trapping, poisoning, shooting, or hunting of animals, including collecting carcasses, is strictly prohibited. No domestic pets or livestock are permitted onsite, and Site staff are prohibited from keeping pets. Measures are in place to keep domestic and native animals from surrounding Landowners safe from unprotected Works.	**Yes**	**No**	**N/A**	No hunting has occurred at either site.
Clearing of Vegetation				
Vegetation clearance is strictly limited to what is required for construction activities. A qualified Botanical Specialist has been appointed to identify and oversee the removal, rescue, and relocation of Species of Conservation Concern (SOCC).	**Yes**	**No**	**N/A**	Search and Rescue has been completed by a Specialist for the pipeline route at T4/5. See above. Not required at HAV1 Repl.
Vegetation clearance has been approved by the Botanical Specialist, in line with the approved EMPr. vegetation clearance is restricted to the exploration camp, approved access routes, and areas where vegetation interferes with construction activities. No undue or unnecessary vegetation removal has occurred.	**Yes**	**No**	**N/A**	Correctly implemented.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Approved vegetation clearance is undertaken by hand using handheld implements, cutting vegetation at ground level without uprooting. Root structures are not removed or tampered with, and roots are left intact and in situ as far as reasonably possible.	Yes	No	N/A	Correctly implemented by a Specialist for the pipeline route at T4/5. Remaining vegetation is to be included in the topsoil stockpiles as per the request of the Specialist. Not required at HAV1 Repl.
No tracked or wheeled mechanised equipment is used for vegetation clearance.	Yes	No	N/A	As above.
Vegetation clearance is conducted in phases to reduce erosion and water pollution. Clearing operations are scheduled to minimise the exposure time of cleared areas before construction starts. Cleared areas are stabilised as soon as possible where necessary.	Yes	No	N/A	As above.
Site clearance activities cease immediately upon encountering fauna. Fauna is safely relocated before activities resume.	Yes	No	N/A	As above.
Vegetation is disposed of at an approved disposal site. Burying or burning of vegetation is strictly prohibited. Cut vegetation is to be disposed of at a licensed landfill facility with slips provided to the ECO.	Yes	No	N/A	No further vegetation disposal has occurred.
Riparian and Instream Habitat				
No construction activities occur within riparian or wetland habitats.	Yes	No	N/A	Correctly implemented.
Topsoil Management				
Topsoil (up to 300 mm deep, or to bedrock if shallower) and root material from cleared vegetation are stripped for rehabilitation and revegetation. Stripping is done according to the specified depth.	Yes	No	N/A	Correctly implemented. Topsoil has been cleared along the entire length of the pipeline to avoid compaction from excavators and timeline delays. Note: All line items under this section are applicable to T4/5 only and not HAV1 Repl., as no topsoil will be cleared at HAV1 Repl.
Topsoil is stripped from all areas subject to compaction, as per environmental specifications and ECO direction. Topsoil from different areas is stockpiled separately and returned to its original location, as well as stored separately from subsoil.	Yes	No	N/A	All required topsoil along the pipeline route has been cleared.
Topsoil is covered with shade cloth or geofabric to prevent desiccation.	Yes	No	N/A	All topsoil stockpiles are sufficiently covered with netting.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)

(a) 

(b) 

(c) 

(d) 

(e) 

(f) 

(g) 

(h) 

03-09-2025, 10:30 – All topsoil stockpiles are sufficiently covered with netting (a) to (h).

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Stockpiles are placed on previously disturbed areas or areas with minimal environmental impact. Stockpiles do not exceed 2 m in height and maintain a natural angle of repose.	Yes	No	N/A	The majority of the excess subsoil from the upslope area along the trench at T4/5 has been replaced. The middle section of the trench is very wet as the soil is heavily clay based. The Contractor will leave this section and return in the month to reprofile the area.

(a)



(b)



Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)

(c)



(d)



(e)



03-09-2025, 10:30 – Removal of the majority of the excess subsoil from the stockpile areas on both sides of the trench at T4/5 and reprofiling the area is now complete (a) to (e).

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Erosion control measures (e.g., bund walls) are in place to prevent stockpile erosion and compaction. Stockpiles do not obstruct water flow or cause water damming.	Yes	No	N/A	Correctly implemented for all topsoil stockpiles. Subsoil stockpiles have been returned as backfill and therefore these mitigation measures are not applicable.
Topsoil and subsoil are stockpiled separately and reinstated in reverse order. Topsoil is only handled during removal and reinstatement. Replaced soil is compacted and levelled with adjacent areas, especially near watercourses.	Yes	No	N/A	Correctly implemented. Subsoil stockpiles have been returned. Topsoil will be reinstated by the Rehabilitation Contractor in April or May 2026 ahead of the next wet season.
Erosion and Sedimentation Control				
Any erosion or sedimentation on or off-site has been identified and reported. Rectification measures, as specified by the ECO, have been implemented.	Yes	No	N/A	Erosion is occurring along the access road to HAV1 Repl. and will be addressed if and when necessary. There is no erosion occurring at T4/5.
Any tunnels or erosion channels have been backfilled, compacted, and restored.	Yes	No	N/A	The existing trench at T4/5, adjacent to which the pipeline has been laid, was already existing on the property. The Contractor has finished reprofiling the area and the Landowner's trench has been reinstated. This includes installation of stormwater pipes as per the Landowner's original trench and stormwater mitigation measures.
Cleared areas have been stabilised to prevent erosion, as per ECO's guidance.	Yes	No	N/A	This has not yet been required.
Earthworks Management				
Excavated trenches are demarcated and fenced off as "no-go" areas when no Construction activity is underway. Trenches and excavations are backfilled as soon as possible, ideally during pipeline/cabling laydown.	Yes	No	N/A	The trench at T4/5 is closed. Note: All line items under this section are applicable to T4/5 only and not HAV1 Repl., as no further earthworks are required at HAV1 Repl.
Open trenches are inspected daily for trapped animals, and any found are safely relocated. Excavation in watercourses/wetlands occurs only in the dry season and is avoided during predicted heavy rains.	Yes	No	N/A	All trenches for the installation of the pipeline have been closed and the existing trench at T4/5, adjacent to which the pipeline has been laid, was already existing on the property. The Contractor has finished reprofiling the area and the Landowner's trench has been reinstated. This includes installation of stormwater pipes as per the Landowner's original trench and stormwater mitigation measures.
Soils are appropriately compacted according to the natural soil characteristics of the area to preserve future surface and subsurface drainage through the previously trenched areas.	Yes	No	N/A	Correctly implemented. Trenches have been backfilled with original subsoil and local bedding material. Topsoil will be reinstated by the Rehabilitation Contractor in April or May 2026 ahead of the next wet season.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Stockpiles are kept free of weeds throughout construction. Stockpiles are not placed within the 1:20 flood line, within 50 m of wetlands/watercourses, or outside designated areas in construction diagrams.	Yes	No	N/A	Correctly implemented.
Only backfill material from an approved, alien-free source is used. Backfill is free of foreign matter such as litter, waste, vegetation, and seed stock.	Yes	No	N/A	Trenches have been backfilled with original subsoil material and clean bedding has been sourced from a local company. Topsoil will be reinstated by the Rehabilitation Contractor in April or May 2026 ahead of the next wet season.
Changes in natural gradients due to Construction activities are avoided where possible or mitigated by levelling the slope to the original gradient during rehabilitation.	Yes	No	N/A	All trenches for the installation of the pipeline have been closed and the existing trench at T4/5, adjacent to which the pipeline has been laid, was already existing on the property. The Contractor has finished reprofiling the area and the Landowner's trench has been reinstated. This includes installation of stormwater pipes as per the Landowner's original trench and stormwater mitigation measures.
Trenching				
Trenching for services shall be undertaken in accordance with the engineering specifications with the following environmental amplifications.	Yes	No	N/A	Correctly implemented during works. The trench at T4/5 has been backfilled and no open sections remain.
A buffer zone must be implemented for each wetland/watercourse and construction within the buffer zone must be restricted to the trench line and working side of the trench.	Yes	No	N/A	Trenching did not occur adjacent or next to a wetland and/or watercourse.
Soil shall be excavated and used for refilling trenches i.e., soil from the first trench shall be excavated and stockpiled, thereafter soil from the second excavated trench length shall be used to backfill the trench behind it once the services have been laid. The last trench shall be filled using the soil stockpiled from the first trench.	Yes	No	N/A	The trench at T4/5 has been backfilled and no open sections remain.
Trench lengths shall be kept as short as practically possible before backfilling and compacting.	Yes	No	N/A	As above.
Trenches shall be re-filled to the same level as (or slightly higher to allow for settlement) the surrounding land surface to minimise erosion.	Yes	No	N/A	The existing trench at T4/5, adjacent to which the pipeline has been laid, was already existing on the property. The Contractor has finished reprofiling the area and the Landowner's trench has been reinstated. This includes installation of stormwater pipes as per the Landowner's original trench and stormwater mitigation measures.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Protection of Watercourses, Waterbodies and Wetlands				
The Contractor ensures that all watercourses and waterbodies are protected from contamination or degradation as a result of their activities, including protection from direct or indirect spills of pollutants.	**Yes**	**No**	**N/A**	No watercourses and/or waterbodies have been contaminated or degraded. It is expected that stormwater (or rainwater runoff) will be heavily silted after flowing through the construction area, however, a Freshwater Specialist is monitoring downslope ecosystems for potential impacts.
In the event of a spill, prompt action (as planned and approved in the Emergency Plan Method Statement) is taken to clear the polluted or affected areas, and the Engineer and ECO has been notified immediately.	**Yes**	**No**	**N/A**	Correctly implemented. No spills have occurred.
No activities occur within wetland areas unless necessary, with approval from the Engineer and ECO.	**Yes**	**No**	**N/A**	Correctly implemented.
Stormwater, Runoff Management and General Water Management				
No stormwater containing waste, or water containing waste emanating from Construction activities is discharged into a watercourse or waterbody.	**Yes**	**No**	**N/A**	Correctly implemented. The Contractor has closed the pipeline trench. The Landowner's trench is finished being reprofiled and the original stormwater design has been reinstated. Stormwater is currently not being diverted but is allowed to run along the original route (the Landowners trench). Stormwater management is not required within the site area at HAV1 Repl., however, erosion is still looked out for.
Uncontaminated water is removed from the site by allowing it to seep back into the soil around the site.	**Yes**	**No**	**N/A**	As above.
Suitable control of runoff is ensured during the Construction phase to prevent erosion of topsoil on stockpiles and adjacent land and undeveloped portions of the site. Erosion is monitored, and mitigation measures are implemented including, but not limited to, utilisation of sandbags and berms to prevent water from engrossing on sensitive ecosystems and to focus drainage into soft sands around the site.	**Yes**	**No**	**N/A**	Correctly implemented. There are some small areas along the trench where the groundwater is seeping through the soil. The stormwater is now running in the original Landowner's trench as it was prior to construction. There has been no erosion observed thus far (with the exception of the access roads)..
Clean water and dirty water systems are managed independently and be kept separately.	**Yes**	**No**	**N/A**	Not required at this stage as there are no construction materials present in the water from the trench. Sediments coming from the trench stormwater are considered clean in situ material (soluble soils and clays in solution). Thus the water is considered to be clean.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Erosion and stormwater management measures, such as berms, silt fences, and/or hessian curtains, have been implemented to prevent sedimentation of freshwater features and divert stormwater away from erosion-prone areas. Erosion control measures are being monitored regularly throughout the construction phase to ensure effectiveness.	Yes	No	N/A	Stormwater is currently not being diverted but is allowed to seep into the soil where the trench has been backfilled. The stormwater is now running in the original Landowner's trench as it was prior to construction. There are currently no bunded areas onsite.
Stormwater is directed towards stabilised areas to dissipate the energy of water flow. No ponding of stormwater is occurring on the site. Stormwater is confined to a dedicated stormwater channel on the Site. Stormwater from bunded areas is collected in a suitable container for proper disposal off-site.	Yes	No	N/A	Stormwater is currently not being diverted but is allowed to seep into the soil where the trench has been backfilled. The stormwater is now running in the original Landowner's trench as it was prior to construction. There are currently no bunded areas onsite.
Increased runoff from vegetation clearance and/or soil compaction is being managed to prevent erosion and silt entry into streams.	Yes	No	N/A	Stormwater is currently not being diverted but is allowed to seep into the soil where the trench has been backfilled. The stormwater is now running in the original Landowner's trench as it was prior to construction.
Temporary Site Closure				
In the event of temporary site closure (for a period exceeding one week), the Contractor's ESO shall carry out checks and report on compliance to the ECO.	Yes	No	N/A	Neither site is currently temporarily closed.
Fire extinguishers are serviced and accessible.	Yes	No	N/A	As above.
There is adequate ventilation in enclosed spaces.	Yes	No	N/A	As above.
All hazardous substance stores are securely locked.	Yes	No	N/A	As above.
Fencing and barriers are in place.	Yes	No	N/A	As above.
Emergency and management contact details are prominently displayed and available.	Yes	No	N/A	As above.
Wind and dust mitigation measures e.g., straw, brush packs, irrigation, etc. are in place.	Yes	No	N/A	As above.
Excavated and filled slopes and stockpiles are at a stable angle and capable of accommodating normal expected water flows.	Yes	No	N/A	As above.
There are sufficient detention ponds or channels in place.	Yes	No	N/A	As above.
Cement and materials stores are secured.	Yes	No	N/A	As above.
Toilets are empty, secured, and lockable.	Yes	No	N/A	As above.
Central waste area and all refuse bins are empty and secured.	Yes	No	N/A	As above.
Contaminated water conservancy tank empty.	Yes	No	N/A	As above.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Any bunded areas are clean and treated with an approved product where applicable (e.g., Spill Sorb or Enretech #1 Powder or equivalent).	**Yes**	**No**	**N/A**	As above.
Drip trays are empty and secure.	**Yes**	**No**	**N/A**	As above.
Excavations should not be left open during temporary closures. If an excavation must remain open during temporary closure, then someone must check the excavation on a regular basis for the presence of animals and for the need to de-water (especially after rainfall).	**Yes**	**No**	**N/A**	As above.
Demolition and Removal of Structures				
The Contractor demolishes and removes from site everything not forming part of the Permanent Works, prior to landscaping and rehabilitation.	**Yes**	**No**	**N/A**	Work is ongoing. Not required at this stage.
All material generated from the demolition and removal of structures from site are appropriately disposed of if not reused. All incidental excavations are refilled and adequately compacted and rehabilitated.	**Yes**	**No**	**N/A**	As above.

The responsible personnel shall identify the root cause of Non-Compliance found and adopt the appropriate Corrective and Preventive Actions for mitigation measures. Confirmation of the effectiveness of the Corrective and Preventive Actions shall be verified by the ECO and approved by the Overstrand Municipality within an agreed time.



(Environmental Control Officer: Melissa Weeks)

Date: 03-09-2025

ENVIRONMENTAL SITE INSPECTION

Revision 1

Project and Site Information			
Date	08-09-2025	**Site Location**	HAV1 Repl.: -34.398490°; 19.209445° T4/5: -34.375420°; 19.246203°
Time	11:30	**Site Owner**	HAV1 Repl.: Overstrand Municipality T4/5: Bouchard Finlayson Winery
Project Title	972 – Hemel en Aarde Expansion	**Inspected By**	ECO Melissa Weeks
Contract	SC2504_2024 Civil, Mechanical & Electrical	**Stage / Status during Inspection**	HAV1 Repl.: The borehole operational trial period is complete. HAV1 Repl. is complete and the site is closed. T4/5: The borehole pumping trial period is complete. Final road repairs are underway, and a fence is yet to be installed. The Civils Contractor is expected to be offsite by the end of the week. Note: The site camp at T4/5 will serve for both it and HAV1 Repl. The Contractor is in the process of disassembling the site camp.
Corresponding Method Statement	Environmental Method Statement: Supply and Install Mechanical, Electrical and Civil Borehole Hermanus	**Environmental Method Statement Date**	17-02-2025

Summary of Non-Compliance Issues

Site / Area	Aspect	Date Identified	Date Corrected	Action Taken
T4/5	The drip tray beneath the excavator onsite is broken and needs to be replaced.	14-03-2025	03-04-2025	The Contractor was requested to obtain a new drip tray.
	The excavator arm is leaking oil, which is currently dripping onto the excavator itself rather than the ground. However, the ground beneath is not protected by a drip tray, creating a risk of contamination if the oil starts to drip further.	14-03-2025	03-04-2025	Although no oil has spilled onto the ground yet, the Contractor was instructed to place a drip tray beneath the arm as a precaution and to either repair the leak or remove the excavator from the site. On the 20-03-2025 it was noted by the ECO that a drip tray has been placed below the dripping arm of the excavator. On the 27-03-2025 it was noted that a cloth was used to temporarily stop the dripping of oil from the excavator.
HAV1 Repl. & T4/5	There are no bins onsite.	14-03-2025	25-04-2025	The Contractor was requested to obtain bins for general, hazardous and recycling waste.

Summary of Non-Compliance Issues				
Site / Area	**Aspect**	**Date Identified**	**Date Corrected**	**Action Taken**
T4/5	There are no environmental ("dos and don'ts") posters/signs on display at the site camp.	14-03-2025	27-03-2025	The Contractor was requested to display an environmental awareness poster.
HAV1 Repl.	There is no smoking area defined onsite.	20-03-2025	27-03-2025	The Contractor was requested to set up a smoking area with a nearby fire extinguisher.
	Partial Compliance. There is no defined eating area for staff onsite.	20-03-2025	10-04-2025	The Contractor was requested to define an eating area onsite.
	Partial Compliance. The toilet is latched from the outside to prevent animals from entering but is not secured to prevent toppling.	20-03-2025	03-04-2025	The Contractor was requested to secure the toilet to the ground.
	There were no fire extinguishers onsite.	20-03-2025	27-03-2025	The Contractor was requested to take a fire extinguisher from the site camp to HAV1 Repl. every time they are working onsite.
HAV1 Repl. & T4/5	The working area at HAV1 Repl. has been demarcated with danger tape, but T4/5 has not been.	27-03-2025	03-04-2025	The Contractor was requested to demarcate the working area using temporary fencing.
	Disposal of both general waste and brush-cut alien vegetation has been completed. The Contractor reported that no disposal slips were issued by the municipal facilities.	03-04-2024	08-04-2025	The ECO visited the municipal facility to enquire about proof of disposal for the alien vegetation. Staff explained that they do not typically provide official stamps or signatures. However, a logbook of incoming vehicle registration plates is maintained. The ECO has requested that, if permitted, the Contractor take a photo of the logbook showing their vehicle's entry. The general waste facility does issue disposal slips when vehicles go over the weighbridge. If not, staff are usually willing to sign a slip provided by the Contractor. On 08-04-2025 the Contractor confirmed that they had attempted to obtain a disposal slip for the waste that had already been offloaded. However, the facility would not issue a slip retrospectively. Going forward, the Contractor has been instructed to use the weighbridge to ensure proper disposal documentation is provided.
HAV1 Repl.	An oily fuel drum has been used for staff to store their lunch bags. It is unclear whether the oil was present beneath the bags during the inspection on 10-04-2025.	17-04-2025	24-04-2025	The Contractor was requested to immediately remove the oily drum from site and place it in the container at site camp.

Summary of Non-Compliance Issues				
Site / Area	**Aspect**	**Date Identified**	**Date Corrected**	**Action Taken**
	Partial Compliance. Two small cement spills have been observed at HAV1 Repl.	17-04-2025	22-04-2025	The Contractor was requested to pick these up and place them with the excess rubble that is stored on a plastic sheet adjacent to the pumphouse for disposal.
	A small amount of litter was seen around the site area.	29-04-2025	29-04-2025	The Contractor immediately cleaned up the litter.
Site Camp	Partial Compliance. The Contractor does not have a copy of the MSDS for Bricure (cement sealant) onsite.	08-05-2025	29-05-2025	The Contractor was requested to obtain a copy of this MSDS for the site file. The ECO tried finding this online but was unsuccessful.
HAV1 Repl.	Partial Compliance. A section of the barrier fence around the site has blown over.	19-05-2025	05-06-2025	The Contractor was requested to reinstate the barrier fence. Note: on the 29-05-2025 a section of the barrier fence has been removed. The Contractor was requested to reinstate the barrier fence.
	Partial Compliance. The toilet onsite is secured to the ground but not latched.	19-05-2025	29-05-2025	The Contractor was requested to ensure that the toilets onsite are always latched closed to prevent animals from entering.
T4/5	The Contractor has separated the topsoil from the subsoil but has not demarcated the topsoil.	19-05-2025	29-05-2025	The Contractor was requested to cover topsoil with netting to ensure it is kept separate from subsoil and not mistakenly used as such.
	Partial Compliance. Topsoil has not yet been cleared along the pipeline route in some areas where the excavators are operating. If not removed promptly, it is at risk of becoming compacted.	19-05-2025	29-05-2025	The Contractor was instructed to remove the topsoil along the excavator route before excavation work continues.
	Topsoil stockpiles have not been covered with netting.	19-05-2025	30-06-2025	The ECO requested netting be placed over topsoil stockpiles for demarcation and to prevent erosion. 05-06-2025: Majority of the topsoil stockpiles have been covered with shade cloth, but not all.
	Some sections of the barrier tape have been buried by subsoil stockpiles which have been placed outside of the demarcated area.	29-05-2025	13-06-2025	The Contractor was requested to reinstate the danger tape.
	One generator onsite was correctly placed inside a drip tray, while the other was not. Additionally, the crane truck did not have any drip trays beneath it.	29-05-2025	05-06-2025	The Contractor was instructed to ensure that all generators are placed inside drip trays and not directly on the ground, and that all vehicles have appropriate drip trays positioned underneath them.

Summary of Non-Compliance Issues				
Site / Area	**Aspect**	**Date Identified**	**Date Corrected**	**Action Taken**
	Subsoil stockpiles have been placed outside of the demarcated area on top of vegetation.	05-06-2025	08-08-2025	The Contractor was requested to seek advice from the Rehabilitation Specialist on how to remove the soil without damaging the underlying vegetation. Note: The Contractor has been instructed by the Rehabilitation Specialist to remove the subsoil by hand to prevent damage to vegetation and topsoil.
	The majority of the trench remains open due to time constraints and the approaching rainy season, which has made it difficult for the Contractor to complete trenching and backfilling in smaller sections as outlined in the EMS.	05-06-2025	03-07-2025	The Contractor is making a consistent effort to comply with all other EMS conditions and continue work responsibly under the circumstances.
	The large excavator onsite is leaking oil from underneath onto a plastic sheet. This is a new leak and unrelated to the leak identified on 14-03-2025. No evidence of spills beneath the sheet are evident.	13-06-2025	03-07-2025	The Contractor was requested to repair the excavator or remove it from site. 19-06-2025: A small amount of oil dripped outside of the plastic area onto the ground despite the excavator being repaired. The small spill was immediately picked up. The Contractor was requested to repair the excavator again. 26-06-2025: A small oil spill occurred beneath the excavator due to leftover oil from recent repairs and the absence of a drip tray. The Contractor was instructed to clean the machine and carry out further repairs to identify and stop the leak.
	Partial Compliance. A small amount of cement spilled outside the shuttering.	13-06-2025	19-05-2025	The Contractor was requested to wait for the cement to dry and then pick it up and dispose of it as rubble.
Site Camp	The Electrical Contractor was to be inducted by the primary Contractor ahead of the installation of the electrical boxes. When the Contractor was asked to provide the ECO with an induction register, none could be provided.	03-07-2025	11-07-2025	The Contractor was requested to induct the Electrical Contractor and provide the ECO with a copy of the attendance register.
T4/5	Partial Compliance. The plastic beneath the small excavator had blown out from beneath the machine. The large excavator had drip trays beneath it, however, they were full of rainwater.	03-07-2025	11-07-2025	The Contractor was not onsite at the time of the inspection but was requested to rectify.

Summary of Non-Compliance Issues				
Site / Area	**Aspect**	**Date Identified**	**Date Corrected**	**Action Taken**
HAV1 Repl.	Partial Compliance. The security guard is smoking inside the hut, however, the cigarette buds are not being placed into the provided bin but rather on the ground outside the hut.	11-07-2025	18-07-2025	The security guard was requested to pick up the buds and place them in the bin.
T4/5	The large excavator onsite is leaking oil into a drip tray.	18-07-2025	31-07-2025	The Contractor was requested to fix the excavator or remove it from site.
	Some sections of barrier fencing are broken along the trench working area.	18-07-2025	08-08-2025	The Contractor was requested to reinstate the fencing.
	The TLB onsite was observed driving inside of the “no-go” area to dump material for backfilling. Fortunately, the ECO observed this on the first load of material and the vegetation was left slightly trampled but not damaged.	25-07-2025	31-07-2025	The TLB driver was instructed to only drive within the working area.
	Partial Compliance. Some topsoil stockpiles are no longer sufficiently covered with netting.	25-07-2025	13-08-2025	The Contractor was requested to re-cover the topsoil stockpiles.
HAV1 Repl.	Partial Compliance. The Fencing Contractor did not have a drip tray beneath the generator onsite, only some wooden boards.	31-07-2025	28-08-2025	The Contractor was requested to obtain a drip tray. 08-08-2025: This item will remain open as the Fencing Contractor will return to T4/5 to install a fence.
	The Contractor was mixing cement for the fence post foundations inside a wheelbarrow but with no mitigation measures beneath.	31-07-2025	28-08-2025	The Contractor was requested to mix cement with plastic beneath the mixing area to prevent spillage. 08-08-2025: This item will remain open as the Fencing Contractor will return to T4/5 to install a fence.
	A large amount of litter was observed around the site area.	08-08-2025	28-08-2025	The Contractor was requested to remove the litter.
	Minor cement spills were observed around the foundations of the fence posts.	08-08-2025	22-08-2025	The Contractor was requested to pick up the cement which has spilled outside the foundations.
	The waste bin onsite is overflowing and not secured to prevent animals from accessing it.	08-08-2025	13-08-2025	The Contractor was requested to empty the bin and secure it to prevent animals from accessing it.
T4/5	The Contractor did not have a drip tray beneath an oil container and two jerry cans of fuel.	08-08-2025	13-08-2025	The Contractor was requested to ensure that all hazardous chemics were stored on drip trays onsite.

Summary of Non-Compliance Issues				
Site / Area	**Aspect**	**Date Identified**	**Date Corrected**	**Action Taken**
	The Contractor was seen mixing cement on the bare ground with no plastic or boards beneath. The cement is highly alkaline and without proper remediation no plants will grow back in the area following rehabilitation.	08-08-2025	08-08-2025	The Contractor was instructed to immediately dig up the area where the cement was being mixed. The spoil was to be used at backfill for the breather manholes, followed by subsoil to prevent contamination with topsoil.
	Partial Compliance at T4/5. The bin onsite is lockable but was not locked at the time of the inspection.	22-08-2025	28-08-2025	The Contractor was requested to rectify this.
	A small cleanup is required at T4/5 where cement was mixed onsite.	28-08-2025	03-09-2025	The Contractor was requested to rectify this.
	There is no firefighting equipment onsite at the site camp at T4/5.	28-08-2025	Pending	The Contractor was requested to bring a valid fire extinguisher back to site.
	There is some litter around the site camp area at T4/5.	28-08-2025	03-09-2025	The Contractor has been requested to rectify this.
	There were no drip trays beneath the machinery parked onsite.	03-09-2025	08-09-2025	The Contractor has been requested to rectify this.
	A copy of the EMS, the BAR and the EA are not available in the site file.	03-09-2025	Pending	The Contractor has been requested to bring the site file back to site while site closure is underway.
	No bins present onsite.	03-09-2025	Pending	The Contractor has been requested to bring a lockable bin back to site while site closure is underway.
	The Road Rehabilitation Contractor has not been inducted by the Engineering Contractor and as such are not aware of environmental requirements and controls.	03-09-2025	08-09-2025	The Contractor was requested to do training.
	No spill kit is currently onsite.	03-09-2025	Pending	The Contractor has been requested to bring the spill kit back to site while site closure is underway.
	Two hydrocarbon spills were observed by the ECO during the site inspection on the ground where the TLB parks overnight despite there being a drip tray present.	08-09-2025	08-09-2025	The Contaminated soil was picked up by the Civils Contractor.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
General				
Is the overall appearance of the site visually acceptable and tidy?	**Yes**	**No**	**N/A**	Correctly implemented at T4/5. HAV1 Repl. is now complete. See photographs in section "Demolition and Removal of Structures below".



(a)



(b)

08-09-2025, 11:30 – The site camp at T4/5 has been removed (a), and the access road is in the process of being rehabilitated (b).

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
A copy of the EMS will always be available onsite in the site file.	Yes	No	N/A	A copy of the EMS, the BAR and the EA are not available in the site file as the site camp has been removed. The Contractor has been requested to bring this back while Site Closure is underway.
Environmental Awareness Training				
The Contractor ensures that all employees, and those of their Sub-Contractor, attend an Environmental Awareness Training Course (EATC), conducted by the ECO. The training will cover key environmental features of the working area, its surroundings, and the environmental controls outlined in this specification.	Yes	No	N/A	The Engineer had a meeting with the Road Rehabilitation Contractor and discussed the main environmental aspects which were to be adhered to onsite. An EATC was given to staff on the 24-02-2025 at the Contractor's offices. Further training has been given by the ECO to local labour and/or Subcontractors onsite on the 20-03-2025, 03-04-2025, 12-05-2025, 19-05-2025, 29-05-2025, 03-07-2025, 18-07-2025, 25-07-2025, and the 31-07-2025.
The initial EATC shall be held within 28 days from the Commencement Date, and subsequent courses shall be arranged for new employees coming onto Site after the initial training course. Provision shall also be made for refresher courses to be undertaken on a quarterly basis during the Contract.	Yes	No	N/A	As above.
The Contractor provides proof of attendance by all their employees in the form of a signed attendance register for each session. All environmental training registers are kept on file.	Yes	No	N/A	Correctly implemented.
Site Division, Demarcation and "No-Go" Areas				
The location, layout and establishment of the Contractors camp shall be approved by the ECO prior to the start of establishment.	Yes	No	N/A	The site camp has been removed from T4/5 as works are coming to an end and the site will be temporarily closed until rehabilitation is undertaken in April 2026.
The Contractor restricts all their activities, materials, plant equipment and personnel to within the Site or any working areas specified or indicated on the drawings.	Yes	No	N/A	Correctly implemented at T4/5. HAV1 Repl. is now complete. See photographs in section "Demolition and Removal of Structures below".
Permanent and/or temporary fences have been erected and maintained in the locations specified in the Scope of Work or drawings, and, if specified, before the commencement of any construction activities.	Yes	No	N/A	HAV1 Repl. is now complete. See photographs in section "Demolition and Removal of Structures below". The boundary fence at T4/5 will not be reinstated as the Civils Contractor is currently moving offsite. A permanent fence will be erected at T4/5 in the coming weeks.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Where environmentally sensitive areas are specified as “no-go” areas, no person, plant, equipment, or material shall enter these areas at any time, in accordance with the Contractor’s authority.	Yes	No	N/A	No staff or machinery have been observed outside of the working area at either site.
Access Routes/Haul Roads				
The Contractor controls the movement of all vehicles and construction equipment, including those of suppliers and subcontractors, ensuring they remain on designated routes and are distributed to prevent undue traffic concentration. All vehicle and equipment movement complies with relevant laws. The movement of such vehicles and construction equipment is planned and operated to minimise disruption to regular users of the routes.	Yes	No	N/A	Correctly implemented.
As far as possible the Contractor uses existing access and haul routes.	Yes	No	N/A	Correctly implemented.
Any damage to existing access roads caused by construction activities has been repaired to the satisfaction of the Engineer using material similar to the original. The cost of repairs has been covered by the Contractor.	Yes	No	N/A	Work at HAV1 Repl. is now complete. The road leading to HAV1 Repl. is slowly being damaged by erosion, which happens regularly in this area. The Landowner will repair the road should it be deemed necessary for access in the future. This is not required at T4/5, however, the Landowner has requested that the access road be repaired in some areas due to the winter heavy rains in the area, which is currently underway.



(a)

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
 (b) **08-09-2025, 11:30 – The access road to HAV1 Repl. is heavily eroded and will be repaired by the Landowner as and when required (a). A section of the road at T4/5 is in the process of being rehabilitated (b), at the request of the Landowner.**				
No new access roads or tracks have been constructed without the Landowner's consent.	**Yes**	**No**	**N/A**	Correctly implemented. No new access roads have been required.
Where new routes are required to gain site access, prior approval from the Engineer and ECO have been obtained. New access routes disturb the smallest possible area, avoid all "no-go" areas, and follow natural contours where possible.	**Yes**	**No**	**N/A**	No new routes have been required.
Vehicle trips have been kept to a minimum to reduce vegetation damage, and all equipment has remained on the demarcated access route.	**Yes**	**No**	**N/A**	No staff or machinery have been observed outside of the working area at both sites.
All directional signage for vehicle and equipment movement required by the Contractor, their Subcontractors or Suppliers is of an approved design and located as approved by the Engineer.	**Yes**	**No**	**N/A**	No directional signage is currently required.
Eating Areas				
The Contractor has designated eating areas within the approved camp.	**Yes**	**No**	**N/A**	The site camp has been removed from T4/5 as works are coming to an end and the site will be temporarily closed until rehabilitation is undertaken in April or May 2026. The eating area at HAV1 Repl. has been removed as the site is now closed.
The feeding of, or leaving of food for, animals is strictly prohibited.	**Yes**	**No**	**N/A**	No food is left out for animals.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Sufficient bins are provided in specified areas, and lockable bins are used where required to prevent animal access (especially baboons).	Yes	No	N/A	No bins present onsite at T4/5. Bins are not required onsite at HAV1 Repl. as the site is now closed.
Any cooking onsite is done on well-maintained gas cookers with valid fire extinguishers present. No open fires for cooking purposes are permitted under any circumstances.	Yes	No	N/A	No cooking is being done onsite at either site.
Materials Handling, Use and Storage				
The Contractor shall ensure that any delivery drivers and visitors to site are informed of all procedures and restrictions. A visitor's register has been kept on file.	Yes	No	N/A	Correctly implemented.
Materials shall be appropriately secured to ensure safe passage between destinations. Loads, will be secured appropriately to prevent them spilling from the vehicle during transit.	Yes	No	N/A	Correctly implemented.
The Contractor shall be responsible for any clean up resulting from the failure by their Employees or Suppliers to properly secure transported materials.	Yes	No	N/A	No clean-up has been required.
All manufactured and/or imported materials shall, where reasonably possible, be stored within the Contractor's camp and, if so required by the Engineer/ECO, out of the rain.	Yes	No	N/A	The site camp is in the process of being removed at T4/5, but some building materials are still to be removed. There are no materials at HAV1 Repl. as the site is now closed.



(a)

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)

(b)



(c)



Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
 (d) 08-09-2025, 11:30 – Some materials are still present at the site camp area at T4/5 and will be removed in due course (a) to (d).				
The location and method of protection of such materials stored outside of the Contractor's camp and the method of rehabilitation of these areas, shall be subject to the Engineer/ECO's approval. Stockpile areas shall be approved by the Engineer/ECO before any stockpiling commences.	**Yes**	**No**	**N/A**	Correctly implemented.
Handling, Use and Storage of Hazardous Substances				
Surfaces where hydrocarbon spills may occur are adequately prepared to prevent pollution.	**Yes**	**No**	**N/A**	Drip trays were observed beneath the roller and next to where the TLB will stand overnight. See section "Equipment Maintenance and Storage" below.
The ECO has been informed of all hazardous substances stored onsite, and MSDSs have been provided.	**Yes**	**No**	**N/A**	All hazardous substances have been removed from both sites. No fuel or other substances were observed by the ECO.
Hazardous substances are stored in an appropriate area, in leak proof containers which are correctly labelled. Bunding the area will be required if necessary, as per the ECO.	**Yes**	**No**	**N/A**	As above.
Spills are immediately contained, the source is isolated, and the spillage is removed. Cleanup is conducted by applying absorbent material or by removing contaminated soil.	**Yes**	**No**	**N/A**	Two hydrocarbon spills were observed by the ECO during the site inspection at T4/5, on the ground where the TLB parks overnight, despite there being a drip tray present. The contaminated soil was removed by the Civils Contractor.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
 **08-09-2025, 11:30 – Two small hydrocarbon spills were observed by the ECO, these were removed by the Civils Contractor (no photograph taken).**				
Treatment or remediation of the spill is done to the satisfaction of the ECO, with waste disposed of at a licensed facility and disposal slips provided to the ECO.	**Yes**	**No**	**N/A**	The spills were removed by the Civils Contractor, taken to their yard, and added to the stored contaminated material from pervious spills. This material will be disposed of in due course and a disposal certificate provided to the ECO.
Hydrocarbon Management (Fuels, Oils and lubricants)				
Hydrocarbon storage area is located where it does not pose a risk to sensitive ecosystems and or traffic and staff safety.	**Yes**	**No**	**N/A**	All hazardous substances have been removed from both sites. No fuel or other substances were observed by the ECO.
Surfaces, where the possibility of hydrocarbon spillage exists, are prepared in such a way as to mitigate these risks.	**Yes**	**No**	**N/A**	Drip trays were observed beneath the roller and next to where the TLB will stand overnight. See section “Equipment Maintenance and Storage” below.
Drip trays are placed under all parked or stationary plant/vehicles/machinery, and these containers are inspected to ensure no leakage occurs.	**Yes**	**No**	**N/A**	As above.
Diesel/fuel is stored in sound storage tanks or in bowsers, and the tanks/bowsers are placed within a bunded area or on an area where the ground has been protected.	**Yes**	**No**	**N/A**	All hazardous substances have been removed from both sites. No fuel or other substances were observed by the ECO.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
A spill kit is available on-site at all times, and unauthorized access to the fuel storage area is prevented.	Yes	No	N/A	No spill kit is currently onsite at T4/5. The Contractor has been requested to bring the spill kit back to site while Site Closure is underway.
No smoking is permitted near the fuel storage area.	Yes	No	N/A	Correctly implemented. Smoking is currently occurring where the site camp is being disassembled at T4/5. Not required at HAV1 Repl. as there are no Contractors onsite.
The Contractor has ensured that there is adequate fire-fighting equipment at the fuel stores.	Yes	No	N/A	There is no firefighting equipment onsite at T4/5. The Contractor was requested to bring a fire extinguisher back to site while Site Closure is underway.
Fuel containers are secured during transport.	Yes	No	N/A	All hazardous substances have been removed from both sites. No fuel or other substances were observed by the ECO.
The surface under the refuelling area is protected against pollution to the ECO's satisfaction prior to refuelling activities. Equipment is refuelled with the use of drip trays.	Yes	No	N/A	As above.
Plant				
Equipment selection and operation are done with environmental degradation minimized, and equipment operators are made aware of environmental requirements and controls. Environmental training registers are kept on file onsite.	Yes	No	N/A	The Engineer had a meeting with the Road Rehabilitation Contractor and discussed the main environmental aspects which were to be adhered to onsite at T4/5. The Road Rehabilitation Contractor will not be using any equipment outside of the road area.
Equipment Maintenance and Storage				
Leaking equipment or vehicles emitting noticeably excessive fumes are repaired immediately or removed from Site.	Yes	No	N/A	The TLB was removed from T4/5 later in the day once the road was completed and the Road Rehabilitation Contractor had moved offsite.
Vehicles and machinery are serviced off-site, or if onsite maintenance is necessary, it is done outside sensitive areas, with prior approval from the Engineer and ECO. Portable drip trays on plastic are used to collect waste oil and lubricants to prevent environmental contamination.	Yes	No	N/A	As above.
Drip trays are provided in construction areas for stationary/parked equipment, inspected and emptied daily, and monitored during rain events to prevent overflow. The Contractor ensures that equipment is covered so that rainwater is excluded from the drip trays.	Yes	No	N/A	Stationary/parked vehicles onsite at T4/5 have drip trays underneath them. 28-08-2025: Hazardous liquids have been taken to the Contractor's yard. Proof of disposal is still to be provided by the Contractor.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)

(a)



(b)



08-09-2025, 11:30 – A roller was parked with a drip tray placed beneath it (a), and another drip tray was observed next to the area where the TLB was parked overnight (b).

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Oil from drip trays is stored in clean drums on protected ground and removed regularly to an oil-recycling centre. Proof of disposal is kept on file onsite.	Yes	No	N/A	Proof of disposal is still to be provided by the Contractor.
Washing of equipment onsite is strictly prohibited.	Yes	No	N/A	No washing of equipment covered in hydrocarbons has occurred.
Cement and Concrete Batching				
Batching will only occur in areas which are located on a smooth impermeable surface (concrete or 250 pm plastic) and cement is batched (mixed) in a bunded area within the boundaries of the development footprint.	Yes	No	N/A	Cement works are complete for now. The Fencing Contractor will return in the coming weeks to erect a fence at T4/5. 31-07-2025: The Fencing Contractor was observed mixing cement in a wheelbarrow without ground protection. This non-compliance remains open as further fence installation work is planned at T4/5.
Cement is stored within weatherproof facilities/covered to prevent environmental contamination.	Yes	No	N/A	Cement works are complete for now.
All wastewater resulting from batching of cement/concrete is disposed of via the contaminated water management system and is not discharged into the environment.	Yes	No	N/A	Correctly implemented at T4/5. The ECO is awaiting proof of disposal.
Waste water from cement/concrete works and tool washing will be directed into a sump lined with bidim.	Yes	No	N/A	Cement works are complete for now.
Once work is complete the bidim sump will be removed and the waste material will be disposed of at a licenced facility.	Yes	No	N/A	The ECO is awaiting proof of disposal.
Diversion berms are installed to direct contaminated water to a storage area, and contaminated water storage areas are protected from overflow, rain, and flooding.	Yes	No	N/A	Not required at this stage.
Sand, aggregate, cement or additives used during the mixing process are stored and appropriately and to prevent contamination of the surrounding environment.	Yes	No	N/A	There are no sands, aggregate, cement or additives onsite at either site.
Empty cement bags are stored in weatherproof containers to prevent contamination and are disposed of regularly through the hazardous waste management system.	Yes	No	N/A	There are no empty cement bags onsite at either site.
Reasonable measures are taken by the Contractor to prevent cement/concrete spillage during batching and construction. The ground beneath the shoots of cement trucks shall be protected with plastic sheeting.	Yes	No	N/A	31-07-2025: It was noted during the inspection that the Fencing Contractor was mixing cement for the fence post foundations inside a wheelbarrow but with no mitigation measures beneath. This item will remain open as the Contractor will be returning to T4/5 to install a fence. The cement spills were picked up by the Contractor.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Spoiled or excess aggregate/cement/concrete is removed and disposed of through the solid waste management system, with a disposal certificate retained in the site file.	Yes	No	N/A	The ECO is awaiting the disposal certificate from the spilled material from T4/5.
Ablution and Toilet Facilities				
Washing, defecating, and urinating are only permitted at designated facilities.	Yes	No	N/A	No washing, defecating, or urinating has occurred outside of toilet facilities at either site. The toilet at HAV1 Repl. has been removed as the site is now closed.
 **08-09-2025, 11:30 – The toilet at T4/5 is at the site camp area and is latched and secured to prevent toppling.**				
Ablution facilities, including shelter, toilets, and washing facilities, are provided by the Contractor for all personnel onsite. Toilet facilities are provided at a ratio of at least 1 toilet per 30 workers (1:15 preferred).	Yes	No	N/A	Correctly implemented at T4/5.
Toilet facilities are located within the Contractor's camp, but also at work areas remote from the camp, all to the satisfaction of the ECO.	Yes	No	N/A	As above.
All portable toilets are adequately secured to the ground to prevent them toppling over because of wind or any other cause, and latched closed to prevent fauna getting in.	Yes	No	N/A	As above.
The Contractor has ensured that the entrances to these toilets are maintained in a hygienic state, serviced regularly, that no spillage occurs when they are cleaned and that contents are removed from Site.	Yes	No	N/A	As above.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Discharge of waste from toilets into the environment and burial of waste is strictly prohibited.	Yes	No	N/A	No waste from toilets has been buried.
No ablution facilities are located closer than 50 m to any watercourse, wetland or other surface water body.	Yes	No	N/A	Correctly implemented at T4/5.
Water Use				
Water is conserved wherever possible, with efforts to minimize usage and immediate attention given to any wastage.	Yes	No	N/A	Correctly implemented.
Water for potable use is sourced from a legal source, and the Contractor absolves the Employer of all risk or liability regarding compliance with relevant statutory obligations.	Yes	No	N/A	Water for potable use is no longer required at either site.
Water is not abstracted from private property without the prior written approval of the Landowner.	Yes	No	N/A	Correctly implemented. Permission was given to the Contractor by the Overstrand Municipality to use the groundwater from the old HAV1 borehole, but this is no longer being used.
Only non-potable water from an approved source is used for construction activities such as dust suppression, etc.	Yes	No	N/A	Non-potable water is no longer required at either site.
Water for construction purposes is bought to site in bowsers and stored in appropriately if required.	Yes	No	N/A	As above.
The Contractor ensures that the re-use of construction water is maximised.	Yes	No	N/A	As above.
Fire Control				
The Contractor takes adequate precautions to ensure that the fire hazard on and near the site is reduced to a minimum and no fires have occurred/ been lit onsite.	Yes	No	N/A	Correctly implemented. No fires have occurred at either site.
Any fires which occur are reported to the ECO immediately.	Yes	No	N/A	No fires have occurred at either site.
Smoking is only permitted in designated smoking areas, which are demarcated, equipped with ash trays and fire-fighting equipment, and located away from fire hazards such as fuel storage, refuelling areas, or dense/grassy vegetation.	Yes	No	N/A	There is a smoking area but no firefighting equipment onsite at T4/5. There are no fire extinguishers onsite at HAV1 Repl. as the Contractor is not onsite.
A Fire Officer (may be the ESO) is appointed by the Contractor to ensure immediate and appropriate actions in the event of a fire and to make employees aware of the fire procedure.	Yes	No	N/A	Correctly implemented.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
The relevant authority is notified immediately when a fire starts, without waiting until it can no longer be controlled.	Yes	No	N/A	No fires have occurred at either site.
The Contractor has ensured that there is always suitable and sufficient firefighting equipment available onsite.	Yes	No	N/A	There is no firefighting equipment onsite at T4/5. The Contractor was requested to bring a fire extinguisher back to site. There are no fire extinguishers onsite at HAV1 Repl. as the Contractor is not onsite.
The Contractor has submitted an EMS to the ECO covering the procedure to be followed in the event of a fire.	Yes	No	N/A	Correctly implemented.
Necessary materials and equipment for dealing with oil, fuel, and hazardous substance spills (spill kits) and leaks are always onsite and up to date as a pre-emptive fire protection method.	Yes	No	N/A	No spill kit is currently onsite at T4/5. The Contractor has been requested to bring the spill kit back to site while Site Closure is underway. Not required at HAV1 Repl.
The storage of hazardous/flammable materials and substances complies with national, provincial, and local regulatory requirements.	Yes	No	N/A	No hazardous/flammable materials and substances are stored onsite at either site.
Hot works				
Any welding and/or hot work has been undertaken with the necessary safety equipment, i.e., welding screens with functional/serviced fire extinguishers onsite.	Yes	No	N/A	No hot works have been required at this stage.
Designated staff have undergone fire-safety training and are certified to operate fire extinguishers and put out fires safely and quickly.	Yes	No	N/A	Correctly implemented.
Solid Waste Management, Litter and Refuse				
The site is kept neat and clean, and littering is prohibited.	Yes	No	N/A	The litter around where the site camp was situated at T4/5 has been picked up. There is no litter onsite at HAV1 Repl. and the site has been closed.
Burying or dumping of waste materials, vegetation, litter, or refuse onsite is prohibited.	Yes	No	N/A	No burying or dumping of waste materials, vegetation, litter, or refuse are onsite at either site.
Lockable and weatherproof bins with lids are provided in sufficient number and capacity to store daily solid waste. Lids are kept firmly on the bins, and they are emptied regularly, at least once a week, to prevent overflow.	Yes	No	N/A	There is no bin present onsite at T4/5. See section “Eating Areas” above. Not applicable at HAV1 Repl. as the site is now closed.
Waste from bins may be temporarily stored onsite in a central waste area that is weatherproof and scavenger proof (lockable), and which the ECO has approved.	Yes	No	N/A	No general waste is stored onsite at either site.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Refuse is recycled wherever possible, with containers provided for glass, paper, metals, and plastics, and contents delivered to suitable recycling facilities when necessary.	Yes	No	N/A	There is no bin present onsite at T4/5. See section "Eating Areas" above. Not applicable at HAV1 Repl. as the site is now closed.
All construction waste or spoil material is recycled wherever possible, either onsite or taken back to the Contractor's workshop for disposal, with disposal slips provided.	Yes	No	N/A	As above.
All litter and refuse are disposed of offsite at an approved landfill site. The Contractor provides the ECO with a certificate of disposal and retains a copy in the Site file.	Yes	No	N/A	Correctly implemented. The waste disposal slips have been taken to the Contractor's yard. The ECO has requested that they be placed into the site file.
Contaminated Water Management				
Water containing pollutants such as cement, concrete, lime, chemicals, oils, and fuels is discharged into a conservancy tank for removal to a licensed disposal facility. A certificate of disposal is retained in the Site file. This applies to water from concrete batching plants and runoff from fuel storage, refuelling, or equipment washing areas.	Yes	No	N/A	No water containing pollutants is stored or present onsite at either site.
No paint products, chemical additives, or cleaners (e.g., thinners and turpentine) or their wash water are disposed of onsite.	Yes	No	N/A	There are no paint products onsite at either site.
The Contractor notifies the ECO immediately of any pollution incidents onsite and takes all reasonable measures to contain and minimize the effects of the pollution.	Yes	No	N/A	No pollution incidents have occurred.
Lights				
The Contractor ensures that onsite lighting does not cause avoidable disturbances to surrounding users and does not attract unwanted insects or animals. All installed lighting is energy-efficient where practical and is turned off when not in use.	Yes	No	N/A	No work will be occurring at night at either site.
Noise				
The Contractor limits noise levels (for example, by installing and maintaining silencers on plant equipment or using hay bales to lessen the noise).	Yes	No	N/A	Not required at this stage. Will be implemented if required.
Employees are provided with adequate PPE with respect to ear protection.	Yes	No	N/A	As above.
No amplified music or sound equipment is allowed onsite. Audio equipment may only be used at low volumes to remain unobtrusive. Sound amplification is permitted only in emergency situations	Yes	No	N/A	No music or sound equipment present onsite at either site.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Dust Management				
The Contractor takes all reasonable measures to minimise the generation of dust.	**Yes**	**No**	**N/A**	Not required at this stage due to wet weather conditions.
Stockpiles are kept in sheltered areas and managed in the following manner: Stockpile slopes are minimized to a natural angle of repose; stockpile sizes have been limited to a maximum height of 2 meters and stockpiles not in active use have been covered with shade cloth or geofabric.	**Yes**	**No**	**N/A**	Topsoil stockpiles have been covered with netting to prevent desiccation. Topsoil will be returned during rehabilitation of the trenched area at T4/5 in April or May 2026.
Dust suppression (wetting or other best practicable environmental option) is used in and around the Construction area, along haul roads, at stockpiles, and any additional area indicated by the EO/ECO.	**Yes**	**No**	**N/A**	Not required at this stage due to wet weather conditions.
Dowsing, with non-potable water (not including treated effluent or seawater, which may not be used for any activities), is implemented to reduce and control dust fallout.	**Yes**	**No**	**N/A**	As above.
Construction Personnel Information Posters				
Environmental information posters (“dos and don’ts”) have been erected at eating areas and other common areas. Posters are maintained in good condition and replaced if damaged or illegible.	**Yes**	**No**	**N/A**	The site camp at T4/5 has been removed and as such the environmental (“dos and don’ts”) posters, emergency numbers, and ECOs small white board are no longer present onsite.
Emergency Procedures				
EMS procedures are in place for emergencies and are being followed.	**Yes**	**No**	**N/A**	No emergencies have occurred.
In the event of an emergency, the Overstrand Municipality’s Emergency Call Centre has been contacted using the appropriate numbers. Emergency contact numbers, including the local firefighting service, are posted in the Contractor’s office and near the onsite telephone, and are retained in the Site file.	**Yes**	**No**	**N/A**	As above.
General Protections in Terms of the National Heritage Resources Act (25 of 1999)				
If any heritage resource is encountered, work is stopped immediately, and the Engineer and ECO are notified. In this case, the Engineer/ECO contacts the relevant Heritage Authority, and work proceeds only upon their approval.	**Yes**	**No**	**N/A**	No heritage resources have been discovered.
A copy of the Record of Decision issued by Heritage Authorities is kept onsite, and The Contractor complies with the heritage management specifics outlined in the EMPr.	**Yes**	**No**	**N/A**	As above.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Protection of Natural Features				
The Contractor does not deface, paint, damage or mark any natural features situated in or around the site for survey or other purposes, unless agreed beforehand with the Engineer, ECO and Landowner.	**Yes**	**No**	**N/A**	Correctly implemented.
Any features affected by the Contractor in shall be restored/rehabilitated to the satisfaction of the ECO and Landowner.	**Yes**	**No**	**N/A**	No features have been affected.
Protection of Flora and Fauna				
Vegetation and flora are not removed, damaged, or disturbed except as necessary for the works, as specified by the ECO.	**Yes**	**No**	**N/A**	During overhead cable installation at T4/5 in March 2025, vegetation was brush-cut and not properly treated. Vegetation has since regrown, and the Contractor has requested the Search and Rescue Specialist to address this during rehabilitation in April or May 2026.
A Specialist has identified natural vegetation or rare/endangered flora to be preserved. The Contractor has demarcated these areas as "no-go areas" to protect the flora. Necessary measures have been taken to ensure the protection of identified flora.	**Yes**	**No**	**N/A**	Search and Rescue was completed by a Specialist for the pipeline route at T4/5 on 25-02-2025 and 08-05-2025. Not required at HAV1 Repl.
Equipment has not been driven across natural vegetation, where possible. Areas of needless vegetation destruction have been reinstated to the standard specified by the ECO.	**Yes**	**No**	**N/A**	Correctly implemented.
Trapping, poisoning, shooting, or hunting of animals, including collecting carcasses, is strictly prohibited. No domestic pets or livestock are permitted onsite, and Site staff are prohibited from keeping pets. Measures are in place to keep domestic and native animals from surrounding Landowners safe from unprotected Works.	**Yes**	**No**	**N/A**	No hunting has occurred at either site.
Clearing of Vegetation				
Vegetation clearance is strictly limited to what is required for construction activities. A qualified Botanical Specialist has been appointed to identify and oversee the removal, rescue, and relocation of Species of Conservation Concern (SOCC).	**Yes**	**No**	**N/A**	Search and Rescue has been completed by a Specialist for the pipeline route at T4/5. See above. Not required at HAV1 Repl.
Vegetation clearance has been approved by the Botanical Specialist, in line with the approved EMPr. vegetation clearance is restricted to the exploration camp, approved access routes, and areas where vegetation interferes with construction activities. No undue or unnecessary vegetation removal has occurred.	**Yes**	**No**	**N/A**	Correctly implemented.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Approved vegetation clearance is undertaken by hand using handheld implements, cutting vegetation at ground level without uprooting. Root structures are not removed or tampered with, and roots are left intact and in situ as far as reasonably possible.	Yes	No	N/A	Correctly implemented by a Specialist for the pipeline route at T4/5. Remaining vegetation is to be included in the topsoil stockpiles as per the request of the Specialist. Not required at HAV1 Repl.
No tracked or wheeled mechanised equipment is used for vegetation clearance.	Yes	No	N/A	As above.
Vegetation clearance is conducted in phases to reduce erosion and water pollution. Clearing operations are scheduled to minimise the exposure time of cleared areas before construction starts. Cleared areas are stabilised as soon as possible where necessary.	Yes	No	N/A	As above.
Site clearance activities cease immediately upon encountering fauna. Fauna is safely relocated before activities resume.	Yes	No	N/A	As above.
Vegetation is disposed of at an approved disposal site. Burying or burning of vegetation is strictly prohibited. Cut vegetation is to be disposed of at a licensed landfill facility with slips provided to the ECO.	Yes	No	N/A	No further vegetation disposal has occurred or will be required.
Riparian and Instream Habitat				
No construction activities occur within riparian or wetland habitats.	Yes	No	N/A	Correctly implemented.
Topsoil Management				
Topsoil (up to 300 mm deep, or to bedrock if shallower) and root material from cleared vegetation are stripped for rehabilitation and revegetation. Stripping is done according to the specified depth.	Yes	No	N/A	Correctly implemented. Topsoil has been cleared along the entire length of the pipeline to avoid compaction from excavators and timeline delays. Topsoil stockpiles have been covered with netting to prevent desiccation. Topsoil will be returned during rehabilitation of the trenched area at T4/5 in April or May 2026. Note: All line items under this section are applicable to T4/5 only and not HAV1 Repl., as no topsoil was cleared at HAV1 Repl.
Topsoil is stripped from all areas subject to compaction, as per environmental specifications and ECO direction. Topsoil from different areas is stockpiled separately and returned to its original location, as well as stored separately from subsoil.	Yes	No	N/A	All required topsoil along the pipeline route has been cleared.
Topsoil is covered with shade cloth or geofabric to prevent desiccation.	Yes	No	N/A	Topsoil stockpiles have been covered with netting to prevent desiccation. Topsoil will be returned during rehabilitation of the trenched area at T4/5 in April or May 2026.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Stockpiles are placed on previously disturbed areas or areas with minimal environmental impact. Stockpiles do not exceed 2 m in height and maintain a natural angle of repose.	Yes	No	N/A	The middle section of the trench is very wet as the soil is heavily clay based. The Contractor will leave this section and will return when the ground is dryer to reprofile the area.
 **08-09-2025, 11:30 – A small section in the middle of the trench is very wet and unable to be reprofiled at this time.**				
Erosion control measures (e.g., bund walls) are in place to prevent stockpile erosion and compaction. Stockpiles do not obstruct water flow or cause water damming.	Yes	No	N/A	Correctly implemented for all topsoil stockpiles. Subsoil stockpiles have been returned as backfill and therefore these mitigation measures are not applicable.
Topsoil and subsoil are stockpiled separately and reinstated in reverse order. Topsoil is only handled during removal and reinstatement. Replaced soil is compacted and levelled with adjacent areas, especially near watercourses.	Yes	No	N/A	Correctly implemented. Subsoil stockpiles have been returned. Topsoil will be reinstated by the Rehabilitation Contractor in April or May 2026 ahead of the next wet season.
Erosion and Sedimentation Control				
Any erosion or sedimentation on or off-site has been identified and reported. Rectification measures, as specified by the ECO, have been implemented.	Yes	No	N/A	Erosion is occurring along the access road to HAV1 Repl. and will be addressed if and when necessary. There is no erosion occurring at T4/5.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Any tunnels or erosion channels have been backfilled, compacted, and restored.	Yes	No	N/A	The existing trench at T4/5, adjacent to which the pipeline has been laid, was already existing on the property. The Contractor has finished reprofiling the area around the Landowner's trench, which has now been reinstated. This includes installation of stormwater pipes as per the Landowner's original trench and necessary stormwater mitigation measures.
Cleared areas have been stabilised to prevent erosion, as per ECO's guidance.	Yes	No	N/A	This has not yet been required.
Earthworks Management				
Excavated trenches are demarcated and fenced off as "no-go" areas when no Construction activity is underway. Trenches and excavations are backfilled as soon as possible, ideally during pipeline/cabling laydown.	Yes	No	N/A	The trench at T4/5 is closed. No further earthworks are required. Note: All line items under this section are applicable to T4/5 only and not HAV1 Repl., as no further earthworks are required at HAV1 Repl.
Open trenches are inspected daily for trapped animals, and any found are safely relocated. Excavation in watercourses/wetlands occurs only in the dry season and is avoided during predicted heavy rains.	Yes	No	N/A	As above.
Soils are appropriately compacted according to the natural soil characteristics of the area to preserve future surface and subsurface drainage through the previously trenched areas.	Yes	No	N/A	As above.
Stockpiles are kept free of weeds throughout construction. Stockpiles are not placed within the 1:20 flood line, within 50 m of wetlands/watercourses, or outside designated areas in construction diagrams.	Yes	No	N/A	As above.
Only backfill material from an approved, alien-free source is used. Backfill is free of foreign matter such as litter, waste, vegetation, and seed stock.	Yes	No	N/A	As above.
Changes in natural gradients due to Construction activities are avoided where possible or mitigated by levelling the slope to the original gradient during rehabilitation.	Yes	No	N/A	As above.
Trenching				
Trenching for services shall be undertaken in accordance with the engineering specifications with the following environmental amplifications.	Yes	No	N/A	Correctly implemented during works. The trench at T4/5 has been backfilled and no open sections remain.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
A buffer zone must be implemented for each wetland/watercourse and construction within the buffer zone must be restricted to the trench line and working side of the trench.	Yes	No	N/A	Trenching did not occur adjacent or next to a wetland and/or watercourse.
Soil shall be excavated and used for refilling trenches i.e., soil from the first trench shall be excavated and stockpiled, thereafter soil from the second excavated trench length shall be used to backfill the trench behind it once the services have been laid. The last trench shall be filled using the soil stockpiled from the first trench.	Yes	No	N/A	The trench at T4/5 has been backfilled and no open sections remain.
Trench lengths shall be kept as short as practically possible before backfilling and compacting.	Yes	No	N/A	As above.
Trenches shall be re-filled to the same level as (or slightly higher to allow for settlement) the surrounding land surface to minimise erosion.	Yes	No	N/A	The existing trench at T4/5, adjacent to which the pipeline has been laid, was already existing on the property. The Contractor has finished reprofiling the area around the Landowner's trench, which has now been reinstated. This includes installation of stormwater pipes as per the Landowner's original trench and necessary stormwater mitigation measures.
Protection of Watercourses, Waterbodies and Wetlands				
The Contractor ensures that all watercourses and waterbodies are protected from contamination or degradation as a result of their activities, including protection from direct or indirect spills of pollutants.	Yes	No	N/A	No watercourses and/or waterbodies have been contaminated or degraded. It is expected that stormwater (or rainwater runoff) will be heavily silted after flowing through the construction area, however, a Freshwater Specialist is monitoring downslope ecosystems for potential impacts.
In the event of a spill, prompt action (as planned and approved in the Emergency Plan Method Statement) is taken to clear the polluted or affected areas, and the Engineer and ECO has been notified immediately.	Yes	No	N/A	Correctly implemented. No spills have occurred.
No activities occur within wetland areas unless necessary, with approval from the Engineer and ECO.	Yes	No	N/A	Correctly implemented.
Stormwater, Runoff Management and General Water Management				
No stormwater containing waste, or water containing waste emanating from Construction activities is discharged into a watercourse or waterbody.	Yes	No	N/A	Correctly implemented. The Contractor has closed the pipeline trench. The Landowner's trench is finished being reprofiled and the original stormwater design has been reinstated. Stormwater is currently not being diverted but is allowed to run along the original route via the Landowner's trench. Stormwater management is not required within the site area at HAV1 Repl., however, erosion is still looked out for.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Uncontaminated water is removed from the site by allowing it to seep back into the soil around the site.	Yes	No	N/A	As above.
Suitable control of runoff is ensured during the Construction phase to prevent erosion of topsoil on stockpiles and adjacent land and undeveloped portions of the site. Erosion is monitored, and mitigation measures are implemented including, but not limited to, utilisation of sandbags and berms to prevent water from engrossing on sensitive ecosystems and to focus drainage into soft sands around the site.	Yes	No	N/A	Correctly implemented. There are some small sections along the closed pipeline trench route where groundwater is seeping through the soil. Stormwater is now running in the original Landowner's trench as it did prior to construction. There has been no erosion observed thus far (with the exception of the access roads). See photograph in section "Topsoil Management" above.
Clean water and dirty water systems are managed independently and be kept separately.	Yes	No	N/A	Not required at this stage as there are no construction materials present in the water from the pipeline trench. Sediments in the stormwater are considered clean in situ material (soluble soils and clays in solution). Thus the water is considered to be clean.
Erosion and stormwater management measures, such as berms, silt fences, and/or hessian curtains, have been implemented to prevent sedimentation of freshwater features and divert stormwater away from erosion-prone areas. Erosion control measures are being monitored regularly throughout the construction phase to ensure effectiveness.	Yes	No	N/A	Stormwater is currently not being diverted but is allowed to seep into the soil where the pipeline trench has been backfilled. The stormwater is now running in the original Landowner's trench as it did prior to construction. There are currently no bunded areas onsite.
Stormwater is directed towards stabilised areas to dissipate the energy of water flow. No ponding of stormwater is occurring on the site. Stormwater is confined to a dedicated stormwater channel on the Site. Stormwater from bunded areas is collected in a suitable container for proper disposal off-site.	Yes	No	N/A	As above.
Increased runoff from vegetation clearance and/or soil compaction is being managed to prevent erosion and silt entry into streams.	Yes	No	N/A	As above.
Temporary Site Closure				
In the event of temporary site closure (for a period exceeding one week), the Contractor's ESO shall carry out checks and report on compliance to the ECO.	Yes	No	N/A	Neither site is currently temporarily closed.
Fire extinguishers are serviced and accessible.	Yes	No	N/A	As above.
There is adequate ventilation in enclosed spaces.	Yes	No	N/A	As above.
All hazardous substance stores are securely locked.	Yes	No	N/A	As above.
Fencing and barriers are in place.	Yes	No	N/A	As above.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Emergency and management contact details are prominently displayed and available.	Yes	No	N/A	As above.
Wind and dust mitigation measures e.g., straw, brush packs, irrigation, etc. are in place.	Yes	No	N/A	As above.
Excavated and filled slopes and stockpiles are at a stable angle and capable of accommodating normal expected water flows.	Yes	No	N/A	As above.
There are sufficient detention ponds or channels in place.	Yes	No	N/A	As above.
Cement and materials stores are secured.	Yes	No	N/A	As above.
Toilets are empty, secured, and lockable.	Yes	No	N/A	As above.
Central waste area and all refuse bins are empty and secured.	Yes	No	N/A	As above.
Contaminated water conservancy tank empty.	Yes	No	N/A	As above.
Any bunded areas are clean and treated with an approved product where applicable (e.g., Spill Sorb or Enretech #1 Powder or equivalent).	Yes	No	N/A	As above.
Drip trays are empty and secure.	Yes	No	N/A	As above.
Excavations should not be left open during temporary closures. If an excavation must remain open during temporary closure, then someone must check the excavation on a regular basis for the presence of animals and for the need to de-water (especially after rainfall).	Yes	No	N/A	As above.
Demolition and Removal of Structures				
The Contractor demolishes and removes from site everything not forming part of the Permanent Works, prior to landscaping and rehabilitation.	Yes	No	N/A	Correctly implemented at HAV1 Repl. All works are now complete, and all machinery and materials have been removed from site. No further rehabilitation is required at HAV1 Repl. as the area has been left in the state in which it was found.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)

(a)



(b)



Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
 **(c) 08-09-2025, 11:30 – HAV1 Repl. is now complete, and the surrounding area has been returned to the state in which it was found prior to infrastructure development.**				
All material generated from the demolition and removal of structures from site are appropriately disposed of if not reused. All incidental excavations are refilled and adequately compacted and rehabilitated.	**Yes**	**No**	**N/A**	No demolition of structures was required for the completion of HAV1 Repl.

The responsible personnel shall identify the root cause of Non-Compliance found and adopt the appropriate Corrective and Preventive Actions for mitigation measures. Confirmation of the effectiveness of the Corrective and Preventive Actions shall be verified by the ECO and approved by the Overstrand Municipality within an agreed time.

(Environmental Control Officer: Melissa Weeks)

Date: 08-09-2025

ENVIRONMENTAL SITE INSPECTION

Revision 1

Project and Site Information			
Date	17-09-2025	**Site Location**	HAV1 Repl.: -34.398490°; 19.209445° T4/5: -34.375420°; 19.246203°
Time	11:30	**Site Owner**	HAV1 Repl.: Overstrand Municipality T4/5: Bouchard Finlayson Winery
Project Title	972 – Hemel en Aarde Expansion	**Inspected By**	ECO Melissa Weeks
Contract	SC2504_2024 Civil, Mechanical & Electrical	**Stage / Status during Inspection**	HAV1 Repl.: Work at HAV1 Repl. is complete and the site has been closed. See ECO Inspection Report dated 08-09-2025 for final photographs. T4/5: The Fencing Contractor will return in the coming week to put up the fence. The road has been repaired, and the trench area of the site will be temporarily closed until the Contractor returns to reprofile the wet section. There were no Contractors onsite at the time of the inspection. **This ECO Inspection Report speaks to work occurring at T4/5 only.**
Corresponding Method Statement	Environmental Method Statement: Supply and Install Mechanical, Electrical and Civil Borehole Hermanus	**Environmental Method Statement Date**	17-02-2025

Summary of Non-Compliance Issues

Site / Area	Aspect	Date Identified	Date Corrected	Action Taken
T4/5	The drip tray beneath the excavator onsite is broken and needs to be replaced.	14-03-2025	03-04-2025	The Contractor was requested to obtain a new drip tray.
	The excavator arm is leaking oil, which is currently dripping onto the excavator itself rather than the ground. However, the ground beneath is not protected by a drip tray, creating a risk of contamination if the oil starts to drip further.	14-03-2025	03-04-2025	Although no oil had spilled, the Contractor was instructed to place a drip tray beneath the excavator arm as a precaution and to repair the leak or remove the machine. On 20-03-2025, the ECO noted a drip tray in place under the arm, and on 27-03-2025, a cloth was used to temporarily stop the oil from dripping
HAV1 Repl. & T4/5	There are no bins onsite.	14-03-2025	25-04-2025	The Contractor was requested to obtain bins for general, hazardous and recycling waste.
T4/5	There are no environmental (“dos and don’ts”) posters/signs on display at the site camp.	14-03-2025	27-03-2025	The Contractor was requested to display an environmental awareness poster.

Summary of Non-Compliance Issues				
Site / Area	**Aspect**	**Date Identified**	**Date Corrected**	**Action Taken**
HAV1 Repl.	There is no smoking area defined onsite.	20-03-2025	27-03-2025	The Contractor was requested to set up a smoking area with a nearby fire extinguisher.
	Partial Compliance. There is no defined eating area for staff onsite.	20-03-2025	10-04-2025	The Contractor was requested to define an eating area onsite.
	Partial Compliance. The toilet is latched from the outside to prevent animals from entering but is not secured to prevent toppling.	20-03-2025	03-04-2025	The Contractor was requested to secure the toilet to the ground.
	There were no fire extinguishers onsite.	20-03-2025	27-03-2025	The Contractor was requested to take a fire extinguisher from the site camp to HAV1 Repl. every time they are working onsite.
HAV1 Repl. & T4/5	The working area at HAV1 Repl. has been demarcated with danger tape, but T4/5 has not been.	27-03-2025	03-04-2025	The Contractor was requested to demarcate the working area using temporary fencing.
	Disposal of both general waste and brush-cut alien vegetation has been completed. The Contractor reported that no disposal slips were issued by the municipal facilities.	03-04-2024	08-04-2025	The ECO visited the municipal facility to enquire about proof of disposal for the alien vegetation. Staff explained that they do not typically provide official stamps or signatures. However, a logbook of incoming vehicle registration plates is maintained. The ECO has requested that, if permitted, the Contractor take a photo of the logbook showing their vehicle's entry. The general waste facility does issue disposal slips when vehicles go over the weighbridge. If not, staff are usually willing to sign a slip provided by the Contractor. On 08-04-2025 the Contractor confirmed that they had attempted to obtain a disposal slip for the waste that had already been offloaded. However, the facility would not issue a slip retrospectively. Going forward, the Contractor has been instructed to use the weighbridge to ensure proper disposal documentation is provided.
HAV1 Repl.	An oily fuel drum has been used for staff to store their lunch bags. It is unclear whether the oil was present beneath the bags during the inspection on 10-04-2025.	17-04-2025	24-04-2025	The Contractor was requested to immediately remove the oily drum from site and place it in the container at site camp.
	Partial Compliance. Two small cement spills have been observed at HAV1 Repl.	17-04-2025	22-04-2025	The Contractor was requested to pick these up and place them with the excess rubble that is stored on a plastic sheet adjacent to the pumphouse for disposal.

Summary of Non-Compliance Issues				
Site / Area	**Aspect**	**Date Identified**	**Date Corrected**	**Action Taken**
	A small amount of litter was seen around the site area.	29-04-2025	29-04-2025	The Contractor immediately cleaned up the litter.
Site Camp	Partial Compliance. The Contractor does not have a copy of the MSDS for Bricure (cement sealant) onsite.	08-05-2025	29-05-2025	The Contractor was requested to obtain a copy of this MSDS for the site file. The ECO tried finding this online but was unsuccessful.
HAV1 Repl.	Partial Compliance. A section of the barrier fence around the site has blown over.	19-05-2025	05-06-2025	The Contractor was requested to reinstate the barrier fence. Note: on the 29-05-2025 a section of the barrier fence has been removed. The Contractor was requested to reinstate the barrier fence.
	Partial Compliance. The toilet onsite is secured to the ground but not latched.	19-05-2025	29-05-2025	The Contractor was requested to ensure that the toilets onsite are always latched closed to prevent animals from entering.
T4/5	The Contractor has separated the topsoil from the subsoil but has not demarcated the topsoil.	19-05-2025	29-05-2025	The Contractor was requested to cover topsoil with netting to ensure it is kept separate from subsoil and not mistakenly used as such.
	Partial Compliance. Topsoil has not yet been cleared along the pipeline route in some areas where the excavators are operating. If not removed promptly, it is at risk of becoming compacted.	19-05-2025	29-05-2025	The Contractor was instructed to remove the topsoil along the excavator route before excavation work continues.
	Topsoil stockpiles have not been covered with netting.	19-05-2025	30-06-2025	The ECO requested netting be placed over topsoil stockpiles for demarcation and to prevent erosion. 05-06-2025: Majority of the topsoil stockpiles have been covered with shade cloth, but not all.
	Some sections of the barrier tape have been buried by subsoil stockpiles which have been placed outside of the demarcated area.	29-05-2025	13-06-2025	The Contractor was requested to reinstate the danger tape.
	One generator onsite was correctly placed inside a drip tray, while the other was not. Additionally, the crane truck did not have any drip trays beneath it.	29-05-2025	05-06-2025	The Contractor was instructed to ensure that all generators are placed inside drip trays and not directly on the ground, and that all vehicles have appropriate drip trays positioned underneath them.
	Subsoil stockpiles have been placed outside of the demarcated area on top of vegetation.	05-06-2025	08-08-2025	The Contractor was requested to seek advice from the Rehabilitation Specialist on how to remove the soil without damaging the underlying vegetation. Note: The Contractor has been instructed by the Rehabilitation Specialist to remove the subsoil by hand to prevent damage to vegetation and topsoil.

Summary of Non-Compliance Issues				
Site / Area	**Aspect**	**Date Identified**	**Date Corrected**	**Action Taken**
	The majority of the trench remains open due to time constraints and the approaching rainy season, which has made it difficult for the Contractor to complete trenching and backfilling in smaller sections as outlined in the EMS.	05-06-2025	03-07-2025	The Contractor is making a consistent effort to comply with all other EMS conditions and continue work responsibly under the circumstances.
	The large excavator onsite is leaking oil from underneath onto a plastic sheet. This is a new leak and unrelated to the leak identified on 14-03-2025. No evidence of spills beneath the sheet are evident.	13-06-2025	03-07-2025	The Contractor was requested to repair the excavator or remove it from site. 19-06-2025: A small amount of oil dripped outside of the plastic area onto the ground despite the excavator being repaired. The small spill was immediately picked up. The Contractor was requested to repair the excavator again. 26-06-2025: A small oil spill occurred beneath the excavator due to leftover oil from recent repairs and the absence of a drip tray. The Contractor was instructed to clean the machine and carry out further repairs to identify and stop the leak.
	Partial Compliance. A small amount of cement spilled outside the shuttering.	13-06-2025	19-05-2025	The Contractor was requested to wait for the cement to dry and then pick it up and dispose of it as rubble.
Site Camp	The Electrical Contractor was to be inducted by the primary Contractor ahead of the installation of the electrical boxes. When the Contractor was asked to provide the ECO with an induction register, none could be provided.	03-07-2025	11-07-2025	The Contractor was requested to induct the Electrical Contractor and provide the ECO with a copy of the attendance register.
T4/5	Partial Compliance. The plastic beneath the small excavator had blown out from beneath the machine. The large excavator had drip trays beneath it, however, they were full of rainwater.	03-07-2025	11-07-2025	The Contractor was not onsite at the time of the inspection but was requested to rectify.
HAV1 Repl.	Partial Compliance. The security guard is smoking inside the hut, however, the cigarette buds are not being placed into the provided bin but rather on the ground outside the hut.	11-07-2025	18-07-2025	The security guard was requested to pick up the buds and place them in the bin.
T4/5	The large excavator onsite is leaking oil into a drip tray.	18-07-2025	31-07-2025	The Contractor was requested to fix the excavator or remove it from site.
	Some sections of barrier fencing are broken along the trench working area.	18-07-2025	08-08-2025	The Contractor was requested to reinstate the fencing.

Summary of Non-Compliance Issues				
Site / Area	**Aspect**	**Date Identified**	**Date Corrected**	**Action Taken**
	The TLB onsite was observed driving inside of the “no-go” area to dump material for backfilling. Fortunately, the ECO observed this on the first load of material and the vegetation was left slightly trampled but not damaged.	25-07-2025	31-07-2025	The TLB driver was instructed to only drive within the working area.
	Partial Compliance. Some topsoil stockpiles are no longer sufficiently covered with netting.	25-07-2025	13-08-2025	The Contractor was requested to re-cover the topsoil stockpiles.
HAV1 Repl.	Partial Compliance. The Fencing Contractor did not have a drip tray beneath the generator onsite, only some wooden boards.	31-07-2025	28-08-2025	The Contractor was requested to obtain a drip tray. 08-08-2025: This item will remain open as the Fencing Contractor will return to T4/5 to install a fence.
	The Contractor was mixing cement for the fence post foundations inside a wheelbarrow but with no mitigation measures beneath.	31-07-2025	28-08-2025	The Contractor was requested to mix cement with plastic beneath the mixing area to prevent spillage. 08-08-2025: This item will remain open as the Fencing Contractor will return to T4/5 to install a fence.
	A large amount of litter was observed around the site area.	08-08-2025	28-08-2025	The Contractor was requested to remove the litter.
	Minor cement spills were observed around the foundations of the fence posts.	08-08-2025	22-08-2025	The Contractor was requested to pick up the cement which has spilled outside the foundations.
	The waste bin onsite is overflowing and not secured to prevent animals from accessing it.	08-08-2025	13-08-2025	The Contractor was requested to empty the bin and secure it to prevent animals from accessing it.
T4/5	The Contractor did not have a drip tray beneath an oil container and two jerry cans of fuel.	08-08-2025	13-08-2025	The Contractor was requested to ensure that all hazardous chemics were stored on drip trays onsite.
	The Contractor was seen mixing cement on the bare ground with no plastic or boards beneath. The cement is highly alkaline and without proper remediation no plants will grow back in the area following rehabilitation.	08-08-2025	08-08-2025	The Contractor was instructed to immediately dig up the area where the cement was being mixed. The spoil was to be used at backfill for the breather manholes, followed by subsoil to prevent contamination with topsoil.
	Partial Compliance at T4/5. The bin onsite is lockable but was not locked at the time of the inspection.	22-08-2025	28-08-2025	The Contractor was requested to rectify this.
	A small cleanup is required at T4/5 where cement was mixed onsite.	28-08-2025	03-09-2025	The Contractor was requested to rectify this.
	There is no firefighting equipment onsite at the site camp at T4/5.	28-08-2025	Pending	The Contractor was requested to bring a valid fire extinguisher back to site.

Summary of Non-Compliance Issues				
Site / Area	**Aspect**	**Date Identified**	**Date Corrected**	**Action Taken**
	There is some litter around the site camp area at T4/5.	28-08-2025	03-09-2025	The Contractor has been requested to rectify this.
	There were no drip trays beneath the machinery parked onsite.	03-09-2025	08-09-2025	The Contractor has been requested to rectify this.
	A copy of the EMS, the BAR and the EA are not available in the site file.	03-09-2025	17-09-2025	The Contractor has been requested to bring the site file back to site while site closure is underway.
	No bins present onsite.	03-09-2025	17-09-2025	The Contractor has been requested to bring a lockable bin back to site while site closure is underway.
	The Road Rehabilitation Contractor has not been inducted by the Engineering Contractor and as such are not aware of environmental requirements and controls.	03-09-2025	08-09-2025	The Contractor was requested to do training.
	No spill kit is currently onsite.	03-09-2025	17-09-2025	The Contractor has been requested to bring the spill kit back to site while site closure is underway.
	Two hydrocarbon spills were observed by the ECO during the site inspection on the ground where the TLB parks overnight despite there being a drip tray present.	08-09-2025	08-09-2025	The Contaminated soil was picked up by the Civils Contractor.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
General				
Is the overall appearance of the site visually acceptable and tidy?	**Yes**	**No**	**N/A**	Correctly implemented at T4/5.
 **17-09-2025, 11:30 – A fence is still to be erected at T4/5.**				
A copy of the EMS will always be available onsite in the site file.	**Yes**	**No**	**N/A**	The Civils Contractor is no longer onsite. The Fencing Contractor will return in the coming week to erect a permanent fence.
Environmental Awareness Training				
The Contractor ensures that all employees, and those of their Sub-Contractor, attend an Environmental Awareness Training Course (EATC), conducted by the ECO. The training will cover key environmental features of the working area, its surroundings, and the environmental controls outlined in this specification.	**Yes**	**No**	**N/A**	An EATC was given to staff on the 24-02-2025 at the Contractor's offices. Further training has been given by the ECO to local labour and/or Subcontractors onsite on the 20-03-2025, 03-04-2025, 12-05-2025, 19-05-2025, 29-05-2025, 03-07-2025, 18-07-2025, 25-07-2025, and the 31-07-2025.
The initial EATC shall be held within 28 days from the Commencement Date, and subsequent courses shall be arranged for new employees coming onto Site after the initial training course. Provision shall also be made for refresher courses to be undertaken on a quarterly basis during the Contract.	**Yes**	**No**	**N/A**	Correctly implemented.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
The Contractor provides proof of attendance by all their employees in the form of a signed attendance register for each session. All environmental training registers are kept on file.	Yes	No	N/A	Correctly implemented.
Site Division, Demarcation and "No-Go" Areas				
The location, layout and establishment of the Contractors camp shall be approved by the ECO prior to the start of establishment.	Yes	No	N/A	The site camp has been removed from T4/5 as works are coming to an end and will be temporarily closed until rehabilitation is undertaken in April or May 2026. The Contractor is no longer onsite.
The Contractor restricts all their activities, materials, plant equipment and personnel to within the Site or any working areas specified or indicated on the drawings.	Yes	No	N/A	As above.
Permanent and/or temporary fences have been erected and maintained in the locations specified in the Scope of Work or drawings, and, if specified, before the commencement of any construction activities.	Yes	No	N/A	The boundary fence at T4/5 will not be reinstated as the Civils Contractor is offsite. A permanent fence will be erected at T4/5 in the coming weeks.
Where environmentally sensitive areas are specified as "no-go" areas, no person, plant, equipment, or material shall enter these areas at any time, in accordance with the Contractor's authority.	Yes	No	N/A	No staff or machinery have been observed outside of the working area.
Access Routes/Haul Roads				
The Contractor controls the movement of all vehicles and construction equipment, including those of suppliers and subcontractors, ensuring they remain on designated routes and are distributed to prevent undue traffic concentration. All vehicle and equipment movement complies with relevant laws. The movement of such vehicles and construction equipment is planned and operated to minimise disruption to regular users of the routes.	Yes	No	N/A	The Civils Contractor is no longer onsite. The Fencing Contractor will return in the coming week to erect a permanent fence.
As far as possible the Contractor uses existing access and haul routes.	Yes	No	N/A	Correctly implemented.
Any damage to existing access roads caused by construction activities has been repaired to the satisfaction of the Engineer using material similar to the original. The cost of repairs has been covered by the Contractor.	Yes	No	N/A	The road leading to site at T4/5 is now complete (no photograph taken).
No new access roads or tracks have been constructed without the Landowner's consent.	Yes	No	N/A	No new access roads have been required.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Where new routes are required to gain site access, prior approval from the Engineer and ECO have been obtained. New access routes disturb the smallest possible area, avoid all "no-go" areas, and follow natural contours where possible.	Yes	No	N/A	No new routes have been required.
Vehicle trips have been kept to a minimum to reduce vegetation damage, and all equipment has remained on the demarcated access route.	Yes	No	N/A	No staff or machinery have been observed outside of the working area at both sites.
All directional signage for vehicle and equipment movement required by the Contractor, their Subcontractors or Suppliers is of an approved design and located as approved by the Engineer.	Yes	No	N/A	No directional signage is currently required.
Eating Areas				
The Contractor has designated eating areas within the approved camp.	Yes	No	N/A	The site camp has been removed from T4/5 as works are coming to an end and the site will be temporarily closed until rehabilitation is undertaken in April or May 2026. The Civils Contractor is no longer onsite. The Fencing Contractor will return in the coming week to erect a permanent fence.
The feeding of, or leaving of food for, animals is strictly prohibited.	Yes	No	N/A	As above.
Sufficient bins are provided in specified areas, and lockable bins are used where required to prevent animal access (especially baboons).	Yes	No	N/A	No bins present onsite at T4/5 as the Contractor is no longer onsite.
Any cooking onsite is done on well-maintained gas cookers with valid fire extinguishers present. No open fires for cooking purposes are permitted under any circumstances.	Yes	No	N/A	No cooking is being done onsite at T4/5. The Civils Contractor is no longer onsite. The Fencing Contractor will return in the coming week to erect a permanent fence.
Materials Handling, Use and Storage				
The Contractor shall ensure that any delivery drivers and visitors to site are informed of all procedures and restrictions. A visitor's register has been kept on file.	Yes	No	N/A	The Civils Contractor is no longer onsite. The Fencing Contractor will return in the coming week to erect a permanent fence.
Materials shall be appropriately secured to ensure safe passage between destinations. Loads, will be secured appropriately to prevent them spilling from the vehicle during transit.	Yes	No	N/A	As above.
The Contractor shall be responsible for any clean up resulting from the failure by their Employees or Suppliers to properly secure transported materials.	Yes	No	N/A	No clean-up has been required.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
All manufactured and/or imported materials shall, where reasonably possible, be stored within the Contractor's camp and, if so required by the Engineer/ECO, out of the rain.	Yes	No	N/A	The site camp has been removed at T4/5, but some building materials are still to be taken away. See photograph in section "General" above.
The location and method of protection of such materials stored outside of the Contractor's camp and the method of rehabilitation of these areas, shall be subject to the Engineer/ECO's approval. Stockpile areas shall be approved by the Engineer/ECO before any stockpiling commences.	Yes	No	N/A	As above.
Handling, Use and Storage of Hazardous Substances				
Surfaces where hydrocarbon spills may occur are adequately prepared to prevent pollution.	Yes	No	N/A	There are no hazardous substances onsite, all machinery and chemicals have been removed.
The ECO has been informed of all hazardous substances stored onsite, and MSDSs have been provided.	Yes	No	N/A	As above.
Hazardous substances are stored in an appropriate area, in leak proof containers which are correctly labelled. Bunding the area will be required if necessary, as per the ECO.	Yes	No	N/A	As above.
Spills are immediately contained, the source is isolated, and the spillage is removed. Cleanup is conducted by applying absorbent material or by removing contaminated soil.	Yes	No	N/A	No spills have occurred since the 08-09-2025.
Treatment or remediation of the spill is done to the satisfaction of the ECO, with waste disposed of at a licensed facility and disposal slips provided to the ECO.	Yes	No	N/A	All hazardous solid and liquid waste has been taken to the Contractor's yard and will be disposed of in due course and a disposal certificate provided to the ECO.
Hydrocarbon Management (Fuels, Oils and lubricants)				
Hydrocarbon storage area is located where it does not pose a risk to sensitive ecosystems and or traffic and staff safety.	Yes	No	N/A	There are no hazardous substances onsite, all machinery and chemicals have been removed.
Surfaces, where the possibility of hydrocarbon spillage exists, are prepared in such a way as to mitigate these risks.	Yes	No	N/A	As above.
Drip trays are placed under all parked or stationary plant/vehicles/machinery, and these containers are inspected to ensure no leakage occurs.	Yes	No	N/A	As above.
Diesel/fuel is stored in sound storage tanks or in bowsers, and the tanks/bowsers are placed within a bunded area or on an area where the ground has been protected.	Yes	No	N/A	As above.
A spill kit is available on-site at all times, and unauthorized access to the fuel storage area is prevented.	Yes	No	N/A	As above.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
No smoking is permitted near the fuel storage area.	Yes	No	N/A	As above.
The Contractor has ensured that there is adequate fire-fighting equipment at the fuel stores.	Yes	No	N/A	As above.
Fuel containers are secured during transport.	Yes	No	N/A	As above.
The surface under the refuelling area is protected against pollution to the ECO's satisfaction prior to refuelling activities. Equipment is refuelled with the use of drip trays.	Yes	No	N/A	As above.
Plant				
Equipment selection and operation are done with environmental degradation minimized, and equipment operators are made aware of environmental requirements and controls. Environmental training registers are kept on file onsite.	Yes	No	N/A	All equipment and machinery have been removed from site.
Equipment Maintenance and Storage				
Leaking equipment or vehicles emitting noticeably excessive fumes are repaired immediately or removed from Site.	Yes	No	N/A	There are no leaking equipment or vehicles onsite as the Contractor is no longer onsite.
Vehicles and machinery are serviced off-site, or if onsite maintenance is necessary, it is done outside sensitive areas, with prior approval from the Engineer and ECO. Portable drip trays on plastic are used to collect waste oil and lubricants to prevent environmental contamination.	Yes	No	N/A	As above.
Drip trays are provided in construction areas for stationary/parked equipment, inspected and emptied daily, and monitored during rain events to prevent overflow. The Contractor ensures that equipment is covered so that rainwater is excluded from the drip trays.	Yes	No	N/A	As above.
Oil from drip trays is stored in clean drums on protected ground and removed regularly to an oil-recycling centre. Proof of disposal is kept on file onsite.	Yes	No	N/A	All hazardous solid and liquid waste has been taken to the Contractor's yard and will be disposed of in due course and a disposal certificate provided to the ECO.
Washing of equipment onsite is strictly prohibited.	Yes	No	N/A	No washing of equipment covered in hydrocarbons has occurred.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Cement and Concrete Batching				
Batching will only occur in areas which are located on a smooth impermeable surface (concrete or 250 pm plastic) and cement is batched (mixed) in a bunded area within the boundaries of the development footprint.	**Yes**	**No**	**N/A**	Cement works are complete for now. The Fencing Contractor will return in the coming weeks to erect a fence at T4/5. 31-07-2025: The Fencing Contractor was observed mixing cement in a wheelbarrow without ground protection. This non-compliance remains open as further fence installation work is planned at T4/5.
Cement is stored within weatherproof facilities/covered to prevent environmental contamination.	**Yes**	**No**	**N/A**	As above.
All wastewater resulting from batching of cement/concrete is disposed of via the contaminated water management system and is not discharged into the environment.	**Yes**	**No**	**N/A**	As above.
Waste water from cement/concrete works and tool washing will be directed into a sump lined with bidim.	**Yes**	**No**	**N/A**	As above.
Once work is complete the bidim sump will be removed and the waste material will be disposed of at a licenced facility.	**Yes**	**No**	**N/A**	The ECO is awaiting proof of disposal for the final general waste and rubble removed from site.
Diversion berms are installed to direct contaminated water to a storage area, and contaminated water storage areas are protected from overflow, rain, and flooding.	**Yes**	**No**	**N/A**	Cement works are complete for now.
Sand, aggregate, cement or additives used during the mixing process are stored and appropriately and to prevent contamination of the surrounding environment.	**Yes**	**No**	**N/A**	As above.
Empty cement bags are stored in weatherproof containers to prevent contamination and are disposed of regularly through the hazardous waste management system.	**Yes**	**No**	**N/A**	As above.
Reasonable measures are taken by the Contractor to prevent cement/concrete spillage during batching and construction. The ground beneath the shoots of cement trucks shall be protected with plastic sheeting.	**Yes**	**No**	**N/A**	31-07-2025: It was noted during the inspection that the Fencing Contractor was mixing cement for the fence post foundations inside a wheelbarrow but with no mitigation measures beneath. This item will remain open as the Contractor will be returning to T4/5 to install a fence. The cement spills were picked up by the Contractor.
Spoiled or excess aggregate/cement/concrete is removed and disposed of through the solid waste management system, with a disposal certificate retained in the site file.	**Yes**	**No**	**N/A**	The ECO is awaiting proof of disposal for the final general waste and rubble removed from site.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Ablution and Toilet Facilities				
Washing, defecating, and urinating are only permitted at designated facilities.	**Yes**	**No**	**N/A**	No washing, defecating, or urinating has occurred outside of toilet facilities at either site. The toilet at T4/5 has been removed.
Ablution facilities, including shelter, toilets, and washing facilities, are provided by the Contractor for all personnel onsite. Toilet facilities are provided at a ratio of at least 1 toilet per 30 workers (1:15 preferred).	**Yes**	**No**	**N/A**	As above.
Toilet facilities are located within the Contractor's camp, but also at work areas remote from the camp, all to the satisfaction of the ECO.	**Yes**	**No**	**N/A**	As above.
All portable toilets are adequately secured to the ground to prevent them toppling over because of wind or any other cause, and latched closed to prevent fauna getting in.	**Yes**	**No**	**N/A**	As above.
The Contractor has ensured that the entrances to these toilets are maintained in a hygienic state, serviced regularly, that no spillage occurs when they are cleaned and that contents are removed from Site.	**Yes**	**No**	**N/A**	As above.
Discharge of waste from toilets into the environment and burial of waste is strictly prohibited.	**Yes**	**No**	**N/A**	No waste from toilets has been buried.
No ablution facilities are located closer than 50 m to any watercourse, wetland or other surface water body.	**Yes**	**No**	**N/A**	As above.
Water Use				
Water is conserved wherever possible, with efforts to minimize usage and immediate attention given to any wastage.	**Yes**	**No**	**N/A**	Correctly implemented.
Water for potable use is sourced from a legal source, and the Contractor absolves the Employer of all risk or liability regarding compliance with relevant statutory obligations.	**Yes**	**No**	**N/A**	Water for potable use is no longer required as the Contractor is not onsite.
Water is not abstracted from private property without the prior written approval of the Landowner.	**Yes**	**No**	**N/A**	Correctly implemented. Permission was given to the Contractor by the Overstrand Municipality to use the groundwater from the old HAV1 borehole, but this is no longer being used.
Only non-potable water from an approved source is used for construction activities such as dust suppression, etc.	**Yes**	**No**	**N/A**	Non-potable water is no longer required.
Water for construction purposes is bought to site in bowsers and stored in appropriately if required.	**Yes**	**No**	**N/A**	As above.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
The Contractor ensures that the re-use of construction water is maximised.	Yes	No	N/A	As above.
Fire Control				
The Contractor takes adequate precautions to ensure that the fire hazard on and near the site is reduced to a minimum and no fires have occurred/ been lit onsite.	Yes	No	N/A	Correctly implemented. No fires have occurred onsite.
Any fires which occur are reported to the ECO immediately.	Yes	No	N/A	No fires have occurred onsite.
Smoking is only permitted in designated smoking areas, which are demarcated, equipped with ash trays and fire-fighting equipment, and located away from fire hazards such as fuel storage, refuelling areas, or dense/grassy vegetation.	Yes	No	N/A	The Civils Contractor is no longer onsite. The Fencing Contractor will return in the coming week to erect a permanent fence.
A Fire Officer (may be the ESO) is appointed by the Contractor to ensure immediate and appropriate actions in the event of a fire and to make employees aware of the fire procedure.	Yes	No	N/A	As above.
The relevant authority is notified immediately when a fire starts, without waiting until it can no longer be controlled.	Yes	No	N/A	No fires have occurred onsite.
The Contractor has ensured that there is always suitable and sufficient firefighting equipment available onsite.	Yes	No	N/A	The Civils Contractor is no longer onsite. The Fencing Contractor will return in the coming week to erect a permanent fence.
The Contractor has submitted an EMS to the ECO covering the procedure to be followed in the event of a fire.	Yes	No	N/A	As above.
Necessary materials and equipment for dealing with oil, fuel, and hazardous substance spills (spill kits) and leaks are always onsite and up to date as a pre-emptive fire protection method.	Yes	No	N/A	As above.
The storage of hazardous/flammable materials and substances complies with national, provincial, and local regulatory requirements.	Yes	No	N/A	As above.
Hot works				
Any welding and/or hot work has been undertaken with the necessary safety equipment, i.e., welding screens with functional/serviced fire extinguishers onsite.	Yes	No	N/A	No hot works have been required at this stage.
Designated staff have undergone fire-safety training and are certified to operate fire extinguishers and put out fires safely and quickly.	Yes	No	N/A	Correctly implemented.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Solid Waste Management, Litter and Refuse				
The site is kept neat and clean, and littering is prohibited.	**Yes**	**No**	**N/A**	The Civils Contractor is no longer onsite. The Fencing Contractor will return in the coming week to erect a permanent fence.
Burying or dumping of waste materials, vegetation, litter, or refuse onsite is prohibited.	**Yes**	**No**	**N/A**	No burying or dumping of waste materials, vegetation, litter, or refuse has occurred.
Lockable and weatherproof bins with lids are provided in sufficient number and capacity to store daily solid waste. Lids are kept firmly on the bins, and they are emptied regularly, at least once a week, to prevent overflow.	**Yes**	**No**	**N/A**	The Civils Contractor is no longer onsite. The Fencing Contractor will return in the coming week to erect a permanent fence.
Waste from bins may be temporarily stored onsite in a central waste area that is weatherproof and scavenger proof (lockable), and which the ECO has approved.	**Yes**	**No**	**N/A**	No general waste is stored onsite.
Refuse is recycled wherever possible, with containers provided for glass, paper, metals, and plastics, and contents delivered to suitable recycling facilities when necessary.	**Yes**	**No**	**N/A**	The Civils Contractor is no longer onsite. The Fencing Contractor will return in the coming week to erect a permanent fence.
All construction waste or spoil material is recycled wherever possible, either onsite or taken back to the Contractor's workshop for disposal, with disposal slips provided.	**Yes**	**No**	**N/A**	As above.
All litter and refuse are disposed of offsite at an approved landfill site. The Contractor provides the ECO with a certificate of disposal and retains a copy in the Site file.	**Yes**	**No**	**N/A**	Correctly implemented. The waste disposal slips have been taken to the Contractor's yard. The ECO is awaiting the proof of disposal.
Contaminated Water Management				
Water containing pollutants such as cement, concrete, lime, chemicals, oils, and fuels is discharged into a conservancy tank for removal to a licensed disposal facility. A certificate of disposal is retained in the Site file. This applies to water from concrete batching plants and runoff from fuel storage, refuelling, or equipment washing areas.	**Yes**	**No**	**N/A**	No water containing pollutants is stored or present onsite. All hazardous solid and liquid waste has been taken to the Contractor's yard and will be disposed of in due course and a disposal certificate provided to the ECO.
No paint products, chemical additives, or cleaners (e.g., thinners and turpentine) or their wash water are disposed of onsite.	**Yes**	**No**	**N/A**	There are no paint products onsite.
The Contractor notifies the ECO immediately of any pollution incidents onsite and takes all reasonable measures to contain and minimize the effects of the pollution.	**Yes**	**No**	**N/A**	No pollution incidents have occurred.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Lights				
The Contractor ensures that onsite lighting does not cause avoidable disturbances to surrounding users and does not attract unwanted insects or animals. All installed lighting is energy-efficient where practical and is turned off when not in use.	**Yes**	**No**	**N/A**	No work will be occurring at night.
Noise				
The Contractor limits noise levels (for example, by installing and maintaining silencers on plant equipment or using hay bales to lessen the noise).	**Yes**	**No**	**N/A**	Not required at this stage. Will be implemented if required.
Employees are provided with adequate PPE with respect to ear protection.	**Yes**	**No**	**N/A**	As above.
No amplified music or sound equipment is allowed onsite. Audio equipment may only be used at low volumes to remain unobtrusive. Sound amplification is permitted only in emergency situations	**Yes**	**No**	**N/A**	No music or sound equipment present onsite.
Dust Management				
The Contractor takes all reasonable measures to minimise the generation of dust.	**Yes**	**No**	**N/A**	Not required at this stage due to wet weather conditions.
Stockpiles are kept in sheltered areas and managed in the following manner: Stockpile slopes are minimized to a natural angle of repose; stockpile sizes have been limited to a maximum height of 2 meters and stockpiles not in active use have been covered with shade cloth or geofabric.	**Yes**	**No**	**N/A**	Topsoil stockpiles have been covered with netting to prevent desiccation. Topsoil will be returned during rehabilitation of the trenched area at T4/5 in April or May 2026.
Dust suppression (wetting or other best practicable environmental option) is used in and around the Construction area, along haul roads, at stockpiles, and any additional area indicated by the EO/ECO.	**Yes**	**No**	**N/A**	Not required at this stage due to wet weather conditions.
Dowsing, with non-potable water (not including treated effluent or seawater, which may not be used for any activities), is implemented to reduce and control dust fallout.	**Yes**	**No**	**N/A**	As above.
Construction Personnel Information Posters				
Environmental information posters (“dos and don’ts”) have been erected at eating areas and other common areas. Posters are maintained in good condition and replaced if damaged or illegible.	**Yes**	**No**	**N/A**	The site camp at T4/5 has been removed and as such the environmental (“dos and don’ts”) posters, emergency numbers, and ECOs small white board are no longer present onsite.
Emergency Procedures				
EMS procedures are in place for emergencies and are being followed.	**Yes**	**No**	**N/A**	No emergencies have occurred.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
In the event of an emergency, the Overstrand Municipality's Emergency Call Centre has been contacted using the appropriate numbers. Emergency contact numbers, including the local firefighting service, are posted in the Contractor's office and near the onsite telephone, and are retained in the Site file.	**Yes**	**No**	**N/A**	As above.
General Protections in Terms of the National Heritage Resources Act (25 of 1999)				
If any heritage resource is encountered, work is stopped immediately, and the Engineer and ECO are notified. In this case, the Engineer/ECO contacts the relevant Heritage Authority, and work proceeds only upon their approval.	**Yes**	**No**	**N/A**	No heritage resources have been discovered.
A copy of the Record of Decision issued by Heritage Authorities is kept onsite, and The Contractor complies with the heritage management specifics outlined in the EMPr.	**Yes**	**No**	**N/A**	As above.
Protection of Natural Features				
The Contractor does not deface, paint, damage or mark any natural features situated in or around the site for survey or other purposes, unless agreed beforehand with the Engineer, ECO and Landowner.	**Yes**	**No**	**N/A**	Correctly implemented.
Any features affected by the Contractor in shall be restored/rehabilitated to the satisfaction of the ECO and Landowner.	**Yes**	**No**	**N/A**	No natural features have been affected.
Protection of Flora and Fauna				
Vegetation and flora are not removed, damaged, or disturbed except as necessary for the works, as specified by the ECO.	**Yes**	**No**	**N/A**	During overhead cable installation at T4/5 in March 2025, vegetation was brush-cut and not properly treated. Vegetation has since regrown, and the Search and Rescue Specialist will remove the alien vegetation during rehabilitation in 2026. No further clearance of vegetation is required. It is noted that the Landowner is brush cutting a fire break along the upper slope of the pipeline, and is unrelated to the work completed by the Contractor.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)

(a)



(b)



17-09-2025, 11:30 – The Landowner is brush cutting a firebreak along the upslope section of the pipeline at T4/5 (a) and (b).

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
A Specialist has identified natural vegetation or rare/endangered flora to be preserved. The Contractor has demarcated these areas as "no-go areas" to protect the flora. Necessary measures have been taken to ensure the protection of identified flora.	Yes	No	N/A	Search and Rescue was completed by a Specialist for the pipeline route at T4/5 on 25-02-2025 and 08-05-2025.
Equipment has not been driven across natural vegetation, where possible. Areas of needless vegetation destruction have been reinstated to the standard specified by the ECO.	Yes	No	N/A	Correctly implemented.
Trapping, poisoning, shooting, or hunting of animals, including collecting carcasses, is strictly prohibited. No domestic pets or livestock are permitted onsite, and Site staff are prohibited from keeping pets. Measures are in place to keep domestic and native animals from surrounding Landowners safe from unprotected Works.	Yes	No	N/A	No hunting has occurred onsite.
Clearing of Vegetation				
Vegetation clearance is strictly limited to what is required for construction activities. A qualified Botanical Specialist has been appointed to identify and oversee the removal, rescue, and relocation of Species of Conservation Concern (SOCC).	Yes	No	N/A	No further clearance of vegetation is required.
Vegetation clearance has been approved by the Botanical Specialist, in line with the approved EMPr. vegetation clearance is restricted to the exploration camp, approved access routes, and areas where vegetation interferes with construction activities. No undue or unnecessary vegetation removal has occurred.	Yes	No	N/A	As above.
Approved vegetation clearance is undertaken by hand using handheld implements, cutting vegetation at ground level without uprooting. Root structures are not removed or tampered with, and roots are left intact and in situ as far as reasonably possible.	Yes	No	N/A	As above.
No tracked or wheeled mechanised equipment is used for vegetation clearance.	Yes	No	N/A	As above.
Vegetation clearance is conducted in phases to reduce erosion and water pollution. Clearing operations are scheduled to minimise the exposure time of cleared areas before construction starts. Cleared areas are stabilised as soon as possible where necessary.	Yes	No	N/A	As above.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Site clearance activities cease immediately upon encountering fauna. Fauna is safely relocated before activities resume.	Yes	No	N/A	As above.
Vegetation is disposed of at an approved disposal site. Burying or burning of vegetation is strictly prohibited. Cut vegetation is to be disposed of at a licensed landfill facility with slips provided to the ECO.	Yes	No	N/A	No further vegetation disposal has occurred or will be required.
Riparian and Instream Habitat				
No construction activities occur within riparian or wetland habitats.	Yes	No	N/A	Correctly implemented.
Topsoil Management				
Topsoil (up to 300 mm deep, or to bedrock if shallower) and root material from cleared vegetation are stripped for rehabilitation and revegetation. Stripping is done according to the specified depth.	Yes	No	N/A	Correctly implemented. Topsoil was cleared along the entire length of the pipeline to avoid compaction from excavators. Topsoil stockpiles have been covered with netting to prevent desiccation. Topsoil will be returned during rehabilitation of the trenched area at T4/5 in April or May 2026.
Topsoil is stripped from all areas subject to compaction, as per environmental specifications and ECO direction. Topsoil from different areas is stockpiled separately and returned to its original location, as well as stored separately from subsoil.	Yes	No	N/A	All required topsoil along the pipeline route has been cleared.
Topsoil is covered with shade cloth or geofabric to prevent desiccation.	Yes	No	N/A	Topsoil stockpiles have been covered with sufficient netting to prevent desiccation. Topsoil will be returned during rehabilitation of the trenched area at T4/5 in April or May 2026.

(a) 

(b) 

(c) 

(d) 

(e) 

(f) 

(g) 

(h) 

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
 **(i) 17-09-2025, 11:30 – Topsoil has been sufficiently covered with netting (a) to (i) to prevent desiccation along the pipeline route at T4/5.**				
Stockpiles are placed on previously disturbed areas or areas with minimal environmental impact. Stockpiles do not exceed 2 m in height and maintain a natural angle of repose.	**Yes**	**No**	**N/A**	The middle section of the trench is very wet as the soil is heavily clay based. The Contractor will leave this section and will return when the ground is dryer to reprofile the area.
 **(a)**				

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
 **(b) 17-09-2025, 11:30 – A small section in the middle of the trench at T4/5 is very wet and unable to be reprofiled at this time.**				
Erosion control measures (e.g., bund walls) are in place to prevent stockpile erosion and compaction. Stockpiles do not obstruct water flow or cause water damming.	**Yes**	**No**	**N/A**	Correctly implemented for all topsoil stockpiles.
Topsoil and subsoil are stockpiled separately and reinstated in reverse order. Topsoil is only handled during removal and reinstatement. Replaced soil is compacted and levelled with adjacent areas, especially near watercourses.	**Yes**	**No**	**N/A**	Correctly implemented. Subsoil stockpiles have been returned. Topsoil will be reinstated by the Rehabilitation Contractor in April or May 2026 ahead of the next wet season.
Erosion and Sedimentation Control				
Any erosion or sedimentation on or off-site has been identified and reported. Rectification measures, as specified by the ECO, have been implemented.	**Yes**	**No**	**N/A**	There is no erosion occurring at T4/5.
Any tunnels or erosion channels have been backfilled, compacted, and restored.	**Yes**	**No**	**N/A**	The existing trench at T4/5, adjacent to which the pipeline has been laid, was already existing on the property. The Contractor has finished reprofiling the area and the Landowner's trench has been reinstated. This includes installation of stormwater pipes as per the Landowner's original trench and stormwater mitigation measures.
Cleared areas have been stabilised to prevent erosion, as per ECO's guidance.	**Yes**	**No**	**N/A**	This has not yet been required.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Earthworks Management				
Excavated trenches are demarcated and fenced off as "no-go" areas when no Construction activity is underway. Trenches and excavations are backfilled as soon as possible, ideally during pipeline/cabling laydown.	**Yes**	**No**	**N/A**	The trench at T4/5 is closed. No further earthworks are required.
Open trenches are inspected daily for trapped animals, and any found are safely relocated. Excavation in watercourses/wetlands occurs only in the dry season and is avoided during predicted heavy rains.	**Yes**	**No**	**N/A**	As above.
Soils are appropriately compacted according to the natural soil characteristics of the area to preserve future surface and subsurface drainage through the previously trenched areas.	**Yes**	**No**	**N/A**	As above.
Stockpiles are kept free of weeds throughout construction. Stockpiles are not placed within the 1:20 flood line, within 50 m of wetlands/watercourses, or outside designated areas in construction diagrams.	**Yes**	**No**	**N/A**	As above.
Only backfill material from an approved, alien-free source is used. Backfill is free of foreign matter such as litter, waste, vegetation, and seed stock.	**Yes**	**No**	**N/A**	As above.
Changes in natural gradients due to Construction activities are avoided where possible or mitigated by levelling the slope to the original gradient during rehabilitation.	**Yes**	**No**	**N/A**	As above.
Trenching				
Trenching for services shall be undertaken in accordance with the engineering specifications with the following environmental amplifications.	**Yes**	**No**	**N/A**	The trench at T4/5 has been backfilled and no open sections remain.
A buffer zone must be implemented for each wetland/watercourse and construction within the buffer zone must be restricted to the trench line and working side of the trench.	**Yes**	**No**	**N/A**	Trenching did not occur adjacent or next to a wetland and/or watercourse.
Soil shall be excavated and used for refilling trenches i.e., soil from the first trench shall be excavated and stockpiled, thereafter soil from the second excavated trench length shall be used to backfill the trench behind it once the services have been laid. The last trench shall be filled using the soil stockpiled from the first trench.	**Yes**	**No**	**N/A**	The trench at T4/5 has been backfilled and no open sections remain.
Trench lengths shall be kept as short as practically possible before backfilling and compacting.	**Yes**	**No**	**N/A**	As above.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Trenches shall be re-filled to the same level as (or slightly higher to allow for settlement) the surrounding land surface to minimise erosion.	Yes	No	N/A	The existing trench at T4/5, adjacent to which the pipeline has been laid, was already existing on the property. The Contractor has finished reprofiling the area and the Landowner's trench has been reinstated. This includes installation of stormwater pipes as per the Landowner's original trench and stormwater mitigation measures.
Protection of Watercourses, Waterbodies and Wetlands				
The Contractor ensures that all watercourses and waterbodies are protected from contamination or degradation as a result of their activities, including protection from direct or indirect spills of pollutants.	Yes	No	N/A	No watercourses and/or waterbodies have been contaminated or degraded. It is expected that stormwater (or rainwater runoff) will be heavily silted after flowing through the construction area, however, a Freshwater Specialist is monitoring downslope ecosystems for potential impacts.
In the event of a spill, prompt action (as planned and approved in the Emergency Plan Method Statement) is taken to clear the polluted or affected areas, and the Engineer and ECO has been notified immediately.	Yes	No	N/A	Correctly implemented. No spills have occurred in or near watercourses, waterbodies or wetlands.
No activities occur within wetland areas unless necessary, with approval from the Engineer and ECO.	Yes	No	N/A	Correctly implemented.
Stormwater, Runoff Management and General Water Management				
No stormwater containing waste, or water containing waste emanating from Construction activities is discharged into a watercourse or waterbody.	Yes	No	N/A	The Contractor has closed the pipeline trench. The Landowner's trench is finished being reprofiled and the original stormwater design has been reinstated. Stormwater is currently not being diverted but is allowed to run along the original route (the Landowners trench).
Uncontaminated water is removed from the site by allowing it to seep back into the soil around the site.	Yes	No	N/A	As above.
Suitable control of runoff is ensured during the Construction phase to prevent erosion of topsoil on stockpiles and adjacent land and undeveloped portions of the site. Erosion is monitored, and mitigation measures are implemented including, but not limited to, utilisation of sandbags and berms to prevent water from engrossing on sensitive ecosystems and to focus drainage into soft sands around the site.	Yes	No	N/A	As above.
Clean water and dirty water systems are managed independently and be kept separately.	Yes	No	N/A	Not required at this stage as there are no construction materials present in the water from the trench. Sediments coming from the trench stormwater are considered clean in situ material (soluble soils and clays in solution). Thus the water is considered to be clean.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Erosion and stormwater management measures, such as berms, silt fences, and/or hessian curtains, have been implemented to prevent sedimentation of freshwater features and divert stormwater away from erosion-prone areas. Erosion control measures are being monitored regularly throughout the construction phase to ensure effectiveness.	**Yes**	**No**	**N/A**	Stormwater is currently not being diverted but is allowed to seep into the soil where the trench has been backfilled. The stormwater is now running in the original Landowner's trench as it was prior to construction.
Stormwater is directed towards stabilised areas to dissipate the energy of water flow. No ponding of stormwater is occurring on the site. Stormwater is confined to a dedicated stormwater channel on the Site. Stormwater from bunded areas is collected in a suitable container for proper disposal off-site.	**Yes**	**No**	**N/A**	As above.
Increased runoff from vegetation clearance and/or soil compaction is being managed to prevent erosion and silt entry into streams.	**Yes**	**No**	**N/A**	As above.
Temporary Site Closure				
In the event of temporary site closure (for a period exceeding one week), the Contractor's ESO shall carry out checks and report on compliance to the ECO.	**Yes**	**No**	**N/A**	The pipeline section of T4/5 is complete and will be temporarily closed until the Contractor returns to reprofile the wet section. See section "Topsoil Management" above.
Fire extinguishers are serviced and accessible.	**Yes**	**No**	**N/A**	Not required for the temporary closure of the pipeline section of T4/5.
There is adequate ventilation in enclosed spaces.	**Yes**	**No**	**N/A**	As above.
All hazardous substance stores are securely locked.	**Yes**	**No**	**N/A**	As above.
Fencing and barriers are in place.	**Yes**	**No**	**N/A**	As above.
Emergency and management contact details are prominently displayed and available.	**Yes**	**No**	**N/A**	As above.
Wind and dust mitigation measures e.g., straw, brush packs, irrigation, etc. are in place.	**Yes**	**No**	**N/A**	As above.
Excavated and filled slopes and stockpiles are at a stable angle and capable of accommodating normal expected water flows.	**Yes**	**No**	**N/A**	As above.
There are sufficient detention ponds or channels in place.	**Yes**	**No**	**N/A**	As above.
Cement and materials stores are secured.	**Yes**	**No**	**N/A**	As above.
Toilets are empty, secured, and lockable.	**Yes**	**No**	**N/A**	As above.
Central waste area and all refuse bins are empty and secured.	**Yes**	**No**	**N/A**	As above.
Contaminated water conservancy tank empty.	**Yes**	**No**	**N/A**	As above.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Any bunded areas are clean and treated with an approved product where applicable (e.g., Spill Sorb or Enretech #1 Powder or equivalent).	**Yes**	**No**	**N/A**	As above.
Drip trays are empty and secure.	**Yes**	**No**	**N/A**	As above.
Excavations should not be left open during temporary closures. If an excavation must remain open during temporary closure, then someone must check the excavation on a regular basis for the presence of animals and for the need to de-water (especially after rainfall).	**Yes**	**No**	**N/A**	As above.
Demolition and Removal of Structures				
The Contractor demolishes and removes from site everything not forming part of the Permanent Works, prior to landscaping and rehabilitation.	**Yes**	**No**	**N/A**	Everything not forming part of the Permanent Works will be removed from T4/5 once the fence has been erected.
All material generated from the demolition and removal of structures from site are appropriately disposed of if not reused. All incidental excavations are refilled and adequately compacted and rehabilitated.	**Yes**	**No**	**N/A**	As above.

The responsible personnel shall identify the root cause of Non-Compliance found and adopt the appropriate Corrective and Preventive Actions for mitigation measures. Confirmation of the effectiveness of the Corrective and Preventive Actions shall be verified by the ECO and approved by the Overstrand Municipality within an agreed time.



(Environmental Control Officer: Melissa Weeks)

Date: 17-09-2025

ENVIRONMENTAL SITE INSPECTION

Revision 1

Project and Site Information			
Date	25-09-2025	**Site Location**	HAV1 Repl.: -34.398490°; 19.209445° T4/5: -34.375420°; 19.246203°
Time	10:30	**Site Owner**	HAV1 Repl.: Overstrand Municipality T4/5: Bouchard Finlayson Winery
Project Title	972 – Hemel en Aarde Expansion	**Inspected By**	ECO Melissa Weeks
Contract	SC2504_2024 Civil, Mechanical & Electrical	**Stage / Status during Inspection**	HAV1 Repl.: Work at HAV1 Repl. is complete and the site has been closed. See ECO Inspection Report dated 08-09-2025 for final photographs. T4/5: Fencing underway at T4/5. The road has been repaired, and the trench area of the site is temporarily closed until the Contractor returns to reprofile the wet section. See ECO Inspection Report dated 17-09-2025 for final photographs. **This ECO Inspection Report speaks to work occurring at T4/5 only.**
Corresponding Method Statement	Environmental Method Statement: Supply and Install Mechanical, Electrical and Civil Borehole Hermanus	**Environmental Method Statement Date**	17-02-2025

Summary of Non-Compliance Issues

Site / Area	Aspect	Date Identified	Date Corrected	Action Taken
T4/5	The drip tray beneath the excavator onsite is broken and needs to be replaced.	14-03-2025	03-04-2025	The Contractor was requested to obtain a new drip tray.
	The excavator arm is leaking oil, which is currently dripping onto the excavator itself rather than the ground. However, the ground beneath is not protected by a drip tray, creating a risk of contamination if the oil starts to drip further.	14-03-2025	03-04-2025	Although no oil had spilled, the Contractor was instructed to place a drip tray beneath the excavator arm as a precaution and to repair the leak or remove the machine. On 20-03-2025, the ECO noted a drip tray in place under the arm, and on 27-03-2025, a cloth was used to temporarily stop the oil from dripping
HAV1 Repl. & T4/5	There are no bins onsite.	14-03-2025	25-04-2025	The Contractor was requested to obtain bins for general, hazardous and recycling waste.
T4/5	There are no environmental (“dos and don’ts”) posters/signs on display at the site camp.	14-03-2025	27-03-2025	The Contractor was requested to display an environmental awareness poster.

Summary of Non-Compliance Issues				
Site / Area	**Aspect**	**Date Identified**	**Date Corrected**	**Action Taken**
HAV1 Repl.	There is no smoking area defined onsite.	20-03-2025	27-03-2025	The Contractor was requested to set up a smoking area with a nearby fire extinguisher.
	Partial Compliance. There is no defined eating area for staff onsite.	20-03-2025	10-04-2025	The Contractor was requested to define an eating area onsite.
	Partial Compliance. The toilet is latched from the outside to prevent animals from entering but is not secured to prevent toppling.	20-03-2025	03-04-2025	The Contractor was requested to secure the toilet to the ground.
	There were no fire extinguishers onsite.	20-03-2025	27-03-2025	The Contractor was requested to take a fire extinguisher from the site camp to HAV1 Repl. every time they are working onsite.
HAV1 Repl. & T4/5	The working area at HAV1 Repl. has been demarcated with danger tape, but T4/5 has not been.	27-03-2025	03-04-2025	The Contractor was requested to demarcate the working area using temporary fencing.
	Disposal of both general waste and brush-cut alien vegetation has been completed. The Contractor reported that no disposal slips were issued by the municipal facilities.	03-04-2024	08-04-2025	The ECO visited the municipal facility to enquire about proof of disposal for the alien vegetation. Staff explained that they do not typically provide official stamps or signatures. However, a logbook of incoming vehicle registration plates is maintained. The ECO has requested that, if permitted, the Contractor take a photo of the logbook showing their vehicle's entry. The general waste facility does issue disposal slips when vehicles go over the weighbridge. If not, staff are usually willing to sign a slip provided by the Contractor. On 08-04-2025 the Contractor confirmed that they had attempted to obtain a disposal slip for the waste that had already been offloaded. However, the facility would not issue a slip retrospectively. Going forward, the Contractor has been instructed to use the weighbridge to ensure proper disposal documentation is provided.
HAV1 Repl.	An oily fuel drum has been used for staff to store their lunch bags. It is unclear whether the oil was present beneath the bags during the inspection on 10-04-2025.	17-04-2025	24-04-2025	The Contractor was requested to immediately remove the oily drum from site and place it in the container at site camp.
	Partial Compliance. Two small cement spills have been observed at HAV1 Repl.	17-04-2025	22-04-2025	The Contractor was requested to pick these up and place them with the excess rubble that is stored on a plastic sheet adjacent to the pumphouse for disposal.

Summary of Non-Compliance Issues				
Site / Area	**Aspect**	**Date Identified**	**Date Corrected**	**Action Taken**
	A small amount of litter was seen around the site area.	29-04-2025	29-04-2025	The Contractor immediately cleaned up the litter.
Site Camp	Partial Compliance. The Contractor does not have a copy of the MSDS for Bricure (cement sealant) onsite.	08-05-2025	29-05-2025	The Contractor was requested to obtain a copy of this MSDS for the site file. The ECO tried finding this online but was unsuccessful.
HAV1 Repl.	Partial Compliance. A section of the barrier fence around the site has blown over.	19-05-2025	05-06-2025	The Contractor was requested to reinstate the barrier fence. Note: on the 29-05-2025 a section of the barrier fence has been removed. The Contractor was requested to reinstate the barrier fence.
	Partial Compliance. The toilet onsite is secured to the ground but not latched.	19-05-2025	29-05-2025	The Contractor was requested to ensure that the toilets onsite are always latched closed to prevent animals from entering.
T4/5	The Contractor has separated the topsoil from the subsoil but has not demarcated the topsoil.	19-05-2025	29-05-2025	The Contractor was requested to cover topsoil with netting to ensure it is kept separate from subsoil and not mistakenly used as such.
	Partial Compliance. Topsoil has not yet been cleared along the pipeline route in some areas where the excavators are operating. If not removed promptly, it is at risk of becoming compacted.	19-05-2025	29-05-2025	The Contractor was instructed to remove the topsoil along the excavator route before excavation work continues.
	Topsoil stockpiles have not been covered with netting.	19-05-2025	30-06-2025	The ECO requested netting be placed over topsoil stockpiles for demarcation and to prevent erosion. 05-06-2025: Majority of the topsoil stockpiles have been covered with shade cloth, but not all.
	Some sections of the barrier tape have been buried by subsoil stockpiles which have been placed outside of the demarcated area.	29-05-2025	13-06-2025	The Contractor was requested to reinstate the danger tape.
	One generator onsite was correctly placed inside a drip tray, while the other was not. Additionally, the crane truck did not have any drip trays beneath it.	29-05-2025	05-06-2025	The Contractor was instructed to ensure that all generators are placed inside drip trays and not directly on the ground, and that all vehicles have appropriate drip trays positioned underneath them.
	Subsoil stockpiles have been placed outside of the demarcated area on top of vegetation.	05-06-2025	08-08-2025	The Contractor was requested to seek advice from the Rehabilitation Specialist on how to remove the soil without damaging the underlying vegetation. Note: The Contractor has been instructed by the Rehabilitation Specialist to remove the subsoil by hand to prevent damage to vegetation and topsoil.

Summary of Non-Compliance Issues				
Site / Area	**Aspect**	**Date Identified**	**Date Corrected**	**Action Taken**
	The majority of the trench remains open due to time constraints and the approaching rainy season, which has made it difficult for the Contractor to complete trenching and backfilling in smaller sections as outlined in the EMS.	05-06-2025	03-07-2025	The Contractor is making a consistent effort to comply with all other EMS conditions and continue work responsibly under the circumstances.
	The large excavator onsite is leaking oil from underneath onto a plastic sheet. This is a new leak and unrelated to the leak identified on 14-03-2025. No evidence of spills beneath the sheet are evident.	13-06-2025	03-07-2025	The Contractor was requested to repair the excavator or remove it from site. 19-06-2025: A small amount of oil dripped outside of the plastic area onto the ground despite the excavator being repaired. The small spill was immediately picked up. The Contractor was requested to repair the excavator again. 26-06-2025: A small oil spill occurred beneath the excavator due to leftover oil from recent repairs and the absence of a drip tray. The Contractor was instructed to clean the machine and carry out further repairs to identify and stop the leak.
	Partial Compliance. A small amount of cement spilled outside the shuttering.	13-06-2025	19-05-2025	The Contractor was requested to wait for the cement to dry and then pick it up and dispose of it as rubble.
Site Camp	The Electrical Contractor was to be inducted by the primary Contractor ahead of the installation of the electrical boxes. When the Contractor was asked to provide the ECO with an induction register, none could be provided.	03-07-2025	11-07-2025	The Contractor was requested to induct the Electrical Contractor and provide the ECO with a copy of the attendance register.
T4/5	Partial Compliance. The plastic beneath the small excavator had blown out from beneath the machine. The large excavator had drip trays beneath it, however, they were full of rainwater.	03-07-2025	11-07-2025	The Contractor was not onsite at the time of the inspection but was requested to rectify.
HAV1 Repl.	Partial Compliance. The security guard is smoking inside the hut, however, the cigarette buds are not being placed into the provided bin but rather on the ground outside the hut.	11-07-2025	18-07-2025	The security guard was requested to pick up the buds and place them in the bin.
T4/5	The large excavator onsite is leaking oil into a drip tray.	18-07-2025	31-07-2025	The Contractor was requested to fix the excavator or remove it from site.
	Some sections of barrier fencing are broken along the trench working area.	18-07-2025	08-08-2025	The Contractor was requested to reinstate the fencing.

Summary of Non-Compliance Issues				
Site / Area	**Aspect**	**Date Identified**	**Date Corrected**	**Action Taken**
	The TLB onsite was observed driving inside of the “no-go” area to dump material for backfilling. Fortunately, the ECO observed this on the first load of material and the vegetation was left slightly trampled but not damaged.	25-07-2025	31-07-2025	The TLB driver was instructed to only drive within the working area.
	Partial Compliance. Some topsoil stockpiles are no longer sufficiently covered with netting.	25-07-2025	13-08-2025	The Contractor was requested to re-cover the topsoil stockpiles.
HAV1 Repl.	Partial Compliance. The Fencing Contractor did not have a drip tray beneath the generator onsite, only some wooden boards.	31-07-2025	28-08-2025	The Contractor was requested to obtain a drip tray. 08-08-2025: This item will remain open as the Fencing Contractor will return to T4/5 to install a fence.
	The Contractor was mixing cement for the fence post foundations inside a wheelbarrow but with no mitigation measures beneath.	31-07-2025	28-08-2025	The Contractor was requested to mix cement with plastic beneath the mixing area to prevent spillage. 08-08-2025: This item will remain open as the Fencing Contractor will return to T4/5 to install a fence.
	A large amount of litter was observed around the site area.	08-08-2025	28-08-2025	The Contractor was requested to remove the litter.
	Minor cement spills were observed around the foundations of the fence posts.	08-08-2025	22-08-2025	The Contractor was requested to pick up the cement which has spilled outside the foundations.
	The waste bin onsite is overflowing and not secured to prevent animals from accessing it.	08-08-2025	13-08-2025	The Contractor was requested to empty the bin and secure it to prevent animals from accessing it.
T4/5	The Contractor did not have a drip tray beneath an oil container and two jerry cans of fuel.	08-08-2025	13-08-2025	The Contractor was requested to ensure that all hazardous chemics were stored on drip trays onsite.
	The Contractor was seen mixing cement on the bare ground with no plastic or boards beneath. The cement is highly alkaline and without proper remediation no plants will grow back in the area following rehabilitation.	08-08-2025	08-08-2025	The Contractor was instructed to immediately dig up the area where the cement was being mixed. The spoil was to be used at backfill for the breather manholes, followed by subsoil to prevent contamination with topsoil.
	Partial Compliance at T4/5. The bin onsite is lockable but was not locked at the time of the inspection.	22-08-2025	28-08-2025	The Contractor was requested to rectify this.
	A small cleanup is required at T4/5 where cement was mixed onsite.	28-08-2025	03-09-2025	The Contractor was requested to rectify this.
	There is no firefighting equipment onsite at the site camp at T4/5.	28-08-2025	25-09-2025	The Contractor was requested to bring a valid fire extinguisher back to site.

Summary of Non-Compliance Issues				
Site / Area	**Aspect**	**Date Identified**	**Date Corrected**	**Action Taken**
	There is some litter around the site camp area at T4/5.	28-08-2025	03-09-2025	The Contractor has been requested to rectify this.
	There were no drip trays beneath the machinery parked onsite.	03-09-2025	08-09-2025	The Contractor has been requested to rectify this.
	A copy of the EMS, the BAR and the EA are not available in the site file.	03-09-2025	17-09-2025	The Contractor has been requested to bring the site file back to site while site closure is underway.
	No bins present onsite.	03-09-2025	17-09-2025	The Contractor has been requested to bring a lockable bin back to site while site closure is underway.
	The Road Rehabilitation Contractor has not been inducted by the Engineering Contractor and as such are not aware of environmental requirements and controls.	03-09-2025	08-09-2025	The Contractor was requested to do training.
	No spill kit is currently onsite.	03-09-2025	17-09-2025	The Contractor has been requested to bring the spill kit back to site while site closure is underway.
	Two hydrocarbon spills were observed by the ECO during the site inspection on the ground where the TLB parks overnight despite there being a drip tray present.	08-09-2025	08-09-2025	The Contaminated soil was picked up by the Civils Contractor.
	The Fencing Contractor does not have a copy of the EMS onsite.	25-09-2025	Pending	The Contractor was informed that a copy of the EMS is required in the safety file at all times.
	The Fencing Contractor was observed mixing cement in a wheelbarrow without ground protection.	25-09-2025	Pending	The Contractor was requested to place plastic beneath the wheelbarrow.
	There are no ablution facilities onsite.	25-09-2025	Pending	The Contractor was requested to get a toilet onsite as soon as possible.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
General				
Is the overall appearance of the site visually acceptable and tidy?	**Yes**	**No**	**N/A**	Correctly implemented at T4/5.
 **25-09-2025, 10:30 – A fence is being erected at T4/5.**				
A copy of the EMS will always be available onsite in the site file.	**Yes**	**No**	**N/A**	The Fencing Contractor does not have a copy of the EMS onsite. They were requested to rectify this.
Environmental Awareness Training				
The Contractor ensures that all employees, and those of their Sub-Contractor, attend an Environmental Awareness Training Course (EATC), conducted by the ECO. The training will cover key environmental features of the working area, its surroundings, and the environmental controls outlined in this specification.	**Yes**	**No**	**N/A**	An EATC was given to staff on the 24-02-2025 at the Contractor's offices. Further training has been given by the ECO to local labour and/or Subcontractors onsite on the 20-03-2025, 03-04-2025, 12-05-2025, 19-05-2025, 29-05-2025, 03-07-2025, 18-07-2025, 25-07-2025, and the 31-07-2025.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
The initial EATC shall be held within 28 days from the Commencement Date, and subsequent courses shall be arranged for new employees coming onto Site after the initial training course. Provision shall also be made for refresher courses to be undertaken on a quarterly basis during the Contract.	Yes	No	N/A	Correctly implemented.
The Contractor provides proof of attendance by all their employees in the form of a signed attendance register for each session. All environmental training registers are kept on file.	Yes	No	N/A	Correctly implemented.
Site Division, Demarcation and "No-Go" Areas				
The location, layout and establishment of the Contractors camp shall be approved by the ECO prior to the start of establishment.	Yes	No	N/A	The site camp has been removed from T4/5 and will no longer be required.
The Contractor restricts all their activities, materials, plant equipment and personnel to within the Site or any working areas specified or indicated on the drawings.	Yes	No	N/A	As above.
Permanent and/or temporary fences have been erected and maintained in the locations specified in the Scope of Work or drawings, and, if specified, before the commencement of any construction activities.	Yes	No	N/A	A permanent fence is being erected at T4/5. See photograph above in section "General".
Where environmentally sensitive areas are specified as "no-go" areas, no person, plant, equipment, or material shall enter these areas at any time, in accordance with the Contractor's authority.	Yes	No	N/A	No staff or machinery have been observed outside of the working area.
Access Routes/Haul Roads				
The Contractor controls the movement of all vehicles and construction equipment, including those of suppliers and subcontractors, ensuring they remain on designated routes and are distributed to prevent undue traffic concentration. All vehicle and equipment movement complies with relevant laws. The movement of such vehicles and construction equipment is planned and operated to minimise disruption to regular users of the routes.	Yes	No	N/A	Correctly implemented.
As far as possible the Contractor uses existing access and haul routes.	Yes	No	N/A	Correctly implemented.
Any damage to existing access roads caused by construction activities has been repaired to the satisfaction of the Engineer using material similar to the original. The cost of repairs has been covered by the Contractor.	Yes	No	N/A	The road repairs leading to site at T4/5 are now complete.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)

(a)



(b)



25-09-2025, 10:30 – The road repairs leading to T4/5 are complete.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
No new access roads or tracks have been constructed without the Landowner's consent.	Yes	No	N/A	No new access roads have been required.
Where new routes are required to gain site access, prior approval from the Engineer and ECO have been obtained. New access routes disturb the smallest possible area, avoid all "no-go" areas, and follow natural contours where possible.	Yes	No	N/A	No new routes have been required.
Vehicle trips have been kept to a minimum to reduce vegetation damage, and all equipment has remained on the demarcated access route.	Yes	No	N/A	No staff or machinery have been observed outside of the working area.
All directional signage for vehicle and equipment movement required by the Contractor, their Subcontractors or Suppliers is of an approved design and located as approved by the Engineer.	Yes	No	N/A	No directional signage is currently required.
Eating Areas				
The Contractor has designated eating areas within the approved camp.	Yes	No	N/A	The site camp has been removed from T4/5 and will no longer be required. The Fencing Contractor does not require a formal eating area. Lunch is eaten in the back of the Contractor's vehicle.
The feeding of, or leaving of food for, animals is strictly prohibited.	Yes	No	N/A	As above.
Sufficient bins are provided in specified areas, and lockable bins are used where required to prevent animal access (especially baboons).	Yes	No	N/A	No bins present onsite at T4/5, the Fencing Contractor is placing rubbish from lunches into the back of the Contractor's vehicle and removed from site every day.
Any cooking onsite is done on well-maintained gas cookers with valid fire extinguishers present. No open fires for cooking purposes are permitted under any circumstances.	Yes	No	N/A	No cooking is being done onsite at T4/5.
Materials Handling, Use and Storage				
The Contractor shall ensure that any delivery drivers and visitors to site are informed of all procedures and restrictions. A visitor's register has been kept on file.	Yes	No	N/A	Correctly implemented.
Materials shall be appropriately secured to ensure safe passage between destinations. Loads, will be secured appropriately to prevent them spilling from the vehicle during transit.	Yes	No	N/A	Correctly implemented.
The Contractor shall be responsible for any clean up resulting from the failure by their Employees or Suppliers to properly secure transported materials.	Yes	No	N/A	No clean-up has been required.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
All manufactured and/or imported materials shall, where reasonably possible, be stored within the Contractor's camp and, if so required by the Engineer/ECO, out of the rain.	Yes	No	N/A	Correctly implemented.
The location and method of protection of such materials stored outside of the Contractor's camp and the method of rehabilitation of these areas, shall be subject to the Engineer/ECO's approval. Stockpile areas shall be approved by the Engineer/ECO before any stockpiling commences.	Yes	No	N/A	Correctly implemented.
Handling, Use and Storage of Hazardous Substances				
Surfaces where hydrocarbon spills may occur are adequately prepared to prevent pollution.	Yes	No	N/A	Correctly implemented.
The ECO has been informed of all hazardous substances stored onsite, and MSDSs have been provided.	Yes	No	N/A	There is no copy of MSDSs onsite however all were provided to the ECO at the beginning of the work.
Hazardous substances are stored in an appropriate area, in leak proof containers which are correctly labelled. Bunding the area will be required if necessary, as per the ECO.	Yes	No	N/A	Correctly implemented.
Spills are immediately contained, the source is isolated, and the spillage is removed. Cleanup is conducted by applying absorbent material or by removing contaminated soil.	Yes	No	N/A	No spills have occurred since the 08-09-2025.
Treatment or remediation of the spill is done to the satisfaction of the ECO, with waste disposed of at a licensed facility and disposal slips provided to the ECO.	Yes	No	N/A	All hazardous solid and liquid waste has been taken to the Contractor's yard and will be disposed of in due course and a disposal certificate provided to the ECO.
Hydrocarbon Management (Fuels, Oils and lubricants)				
Hydrocarbon storage area is located where it does not pose a risk to sensitive ecosystems and or traffic and staff safety.	Yes	No	N/A	Correctly implemented. A small amount of fuel for the onsite generator is kept in an appropriate container in the back of the Contractor's vehicle.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
 **25-09-2025, 10:30 – A small amount of fuel is stored in the back of the Contractor's vehicle.**				
Surfaces, where the possibility of hydrocarbon spillage exists, are prepared in such a way as to mitigate these risks.	**Yes**	**No**	**N/A**	Correctly implemented.
Drip trays are placed under all parked or stationary plant/vehicles/machinery, and these containers are inspected to ensure no leakage occurs.	**Yes**	**No**	**N/A**	Correctly implemented.
 **25-09-2025, 10:30 – A drip tray is present beneath the generator onsite.**				

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Diesel/fuel is stored in sound storage tanks or in bowsers, and the tanks/bowsers are placed within a bunded area or on an area where the ground has been protected.	Yes	No	N/A	Correctly implemented.
A spill kit is available on-site at all times, and unauthorized access to the fuel storage area is prevented.	Yes	No	N/A	There is no spill kit onsite. However, there is only a very small amount of fuel onsite, and any spills to occur could be dug up as the soil is sandy.
No smoking is permitted near the fuel storage area.	Yes	No	N/A	Correctly implemented.
The Contractor has ensured that there is adequate fire-fighting equipment at the fuel stores.	Yes	No	N/A	Correctly implemented. See photograph in section “Fire Control” below.
Fuel containers are secured during transport.	Yes	No	N/A	Correctly implemented.
The surface under the refuelling area is protected against pollution to the ECO's satisfaction prior to refuelling activities. Equipment is refuelled with the use of drip trays.	Yes	No	N/A	Correctly implemented.
Plant				
Equipment selection and operation are done with environmental degradation minimized, and equipment operators are made aware of environmental requirements and controls. Environmental training registers are kept on file onsite.	Yes	No	N/A	Correctly implemented.
Equipment Maintenance and Storage				
Leaking equipment or vehicles emitting noticeably excessive fumes are repaired immediately or removed from Site.	Yes	No	N/A	There is no leaking equipment or vehicles onsite.
Vehicles and machinery are serviced off-site, or if onsite maintenance is necessary, it is done outside sensitive areas, with prior approval from the Engineer and ECO. Portable drip trays on plastic are used to collect waste oil and lubricants to prevent environmental contamination.	Yes	No	N/A	As above.
Drip trays are provided in construction areas for stationary/parked equipment, inspected and emptied daily, and monitored during rain events to prevent overflow. The Contractor ensures that equipment is covered so that rainwater is excluded from the drip trays.	Yes	No	N/A	Correctly implemented. The generator onsite is removed at the end of each day.
Oil from drip trays is stored in clean drums on protected ground and removed regularly to an oil-recycling centre. Proof of disposal is kept on file onsite.	Yes	No	N/A	All hazardous solid and liquid waste has been taken to the Contractor’s yard and will be disposed of in due course and a disposal certificate provided to the ECO.
Washing of equipment onsite is strictly prohibited.	Yes	No	N/A	No washing of equipment covered in hydrocarbons has occurred.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Cement and Concrete Batching				
Batching will only occur in areas which are located on a smooth impermeable surface (concrete or 250 pm plastic) and cement is batched (mixed) in a bunded area within the boundaries of the development footprint.	**Yes**	**No**	**N/A**	The Fencing Contractor was mixing cement for the fence post foundations inside a wheelbarrow but with no mitigation measures beneath. They were requested to place plastic sheeting beneath the wheelbarrow onsite.
 **25-09-2025, 10:30 – The ground beneath the wheelbarrow onsite was not protected with plastic.**				
Cement is stored within weatherproof facilities/covered to prevent environmental contamination.	**Yes**	**No**	**N/A**	There is no cement being stored onsite.
All wastewater resulting from batching of cement/concrete is disposed of via the contaminated water management system and is not discharged into the environment.	**Yes**	**No**	**N/A**	There is no wastewater being generated from the small batching of concrete.
Waste water from cement/concrete works and tool washing will be directed into a sump lined with bidim.	**Yes**	**No**	**N/A**	Tools are taken offsite, back to the Contractor's workshop for washing.
Once work is complete the bidim sump will be removed and the waste material will be disposed of at a licenced facility.	**Yes**	**No**	**N/A**	The ECO is awaiting proof of disposal for the final general waste and rubble removed from site.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Diversion berms are installed to direct contaminated water to a storage area, and contaminated water storage areas are protected from overflow, rain, and flooding.	Yes	No	N/A	Not required at this stage.
Sand, aggregate, cement or additives used during the mixing process are stored and appropriately and to prevent contamination of the surrounding environment.	Yes	No	N/A	Sand and aggregate have been stored within the working area.
 **25-09-2025, 10:30 – Sand and aggregate have been stored within the working area.**				
Empty cement bags are stored in weatherproof containers to prevent contamination and are disposed of regularly through the hazardous waste management system.	Yes	No	N/A	Empty cement bags have been wrapped in plastic for disposal offsite. See photograph above.
Reasonable measures are taken by the Contractor to prevent cement/concrete spillage during batching and construction. The ground beneath the shoots of cement trucks shall be protected with plastic sheeting.	Yes	No	N/A	The Fencing Contractor was mixing cement for the fence post foundations inside a wheelbarrow but with no mitigation measures beneath. They were requested to place plastic beneath the wheelbarrow onsite.
Spoiled or excess aggregate/cement/concrete is removed and disposed of through the solid waste management system, with a disposal certificate retained in the site file.	Yes	No	N/A	The ECO is awaiting proof of disposal for the final general waste and rubble removed from site.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Ablution and Toilet Facilities				
Washing, defecating, and urinating are only permitted at designated facilities.	Yes	No	N/A	No washing, defecating, or urinating has occurred outside of toilet facilities.
Ablution facilities, including shelter, toilets, and washing facilities, are provided by the Contractor for all personnel onsite. Toilet facilities are provided at a ratio of at least 1 toilet per 30 workers (1:15 preferred).	Yes	No	N/A	There are no ablution facilities onsite. The Fencing Contractor was requested to get a toilet onsite as soon as possible.
Toilet facilities are located within the Contractor's camp, but also at work areas remote from the camp, all to the satisfaction of the ECO.	Yes	No	N/A	As above.
All portable toilets are adequately secured to the ground to prevent them toppling over because of wind or any other cause, and latched closed to prevent fauna getting in.	Yes	No	N/A	As above.
The Contractor has ensured that the entrances to these toilets are maintained in a hygienic state, serviced regularly, that no spillage occurs when they are cleaned and that contents are removed from Site.	Yes	No	N/A	As above.
Discharge of waste from toilets into the environment and burial of waste is strictly prohibited.	Yes	No	N/A	No waste from toilets has been buried.
No ablution facilities are located closer than 50 m to any watercourse, wetland or other surface water body.	Yes	No	N/A	There are no ablution facilities onsite. The Fencing Contractor was requested to get a toilet onsite as soon as possible.
Water Use				
Water is conserved wherever possible, with efforts to minimize usage and immediate attention given to any wastage.	Yes	No	N/A	Correctly implemented.
Water for potable use is sourced from a legal source, and the Contractor absolves the Employer of all risk or liability regarding compliance with relevant statutory obligations.	Yes	No	N/A	Water for potable use is no longer required. Staff bring their own drinking water to site.
Water is not abstracted from private property without the prior written approval of the Landowner.	Yes	No	N/A	Correctly implemented. Permission was given to the Contractor by the Overstrand Municipality to use the groundwater from the old HAV1 borehole, but this is no longer being used.
Only non-potable water from an approved source is used for construction activities such as dust suppression, etc.	Yes	No	N/A	Non-potable water for cement mixing is taken from the T4/5 borehole.
Water for construction purposes is bought to site in bowsers and stored in appropriately if required.	Yes	No	N/A	Not required at this stage.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
The Contractor ensures that the re-use of construction water is maximised.	Yes	No	N/A	As above.
Fire Control				
The Contractor takes adequate precautions to ensure that the fire hazard on and near the site is reduced to a minimum and no fires have occurred/ been lit onsite.	Yes	No	N/A	Correctly implemented. No fires have occurred onsite.
Any fires which occur are reported to the ECO immediately.	Yes	No	N/A	No fires have occurred onsite.
Smoking is only permitted in designated smoking areas, which are demarcated, equipped with ash trays and fire-fighting equipment, and located away from fire hazards such as fuel storage, refuelling areas, or dense/grassy vegetation.	Yes	No	N/A	A smoking area and fire extinguisher are present onsite.



(a)

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
 (b) **25-09-2025, 10:30 – A plastic bottle with water is used as an ashtray at the back of the Contractor's vehicle (a). There is a valid fire extinguisher onsite (b).**				
A Fire Officer (may be the ESO) is appointed by the Contractor to ensure immediate and appropriate actions in the event of a fire and to make employees aware of the fire procedure.	**Yes**	**No**	**N/A**	Correctly implemented
The relevant authority is notified immediately when a fire starts, without waiting until it can no longer be controlled.	**Yes**	**No**	**N/A**	No fires have occurred onsite.
The Contractor has ensured that there is always suitable and sufficient firefighting equipment available onsite.	**Yes**	**No**	**N/A**	Correctly implemented
The Contractor has submitted an EMS to the ECO covering the procedure to be followed in the event of a fire.	**Yes**	**No**	**N/A**	Correctly implemented
Necessary materials and equipment for dealing with oil, fuel, and hazardous substance spills (spill kits) and leaks are always onsite and up to date as a pre-emptive fire protection method.	**Yes**	**No**	**N/A**	Correctly implemented
The storage of hazardous/flammable materials and substances complies with national, provincial, and local regulatory requirements.	**Yes**	**No**	**N/A**	Correctly implemented

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Hot works				
Any welding and/or hot work has been undertaken with the necessary safety equipment, i.e., welding screens with functional/serviced fire extinguishers onsite.	**Yes**	**No**	**N/A**	No hot works have been required.
Designated staff have undergone fire-safety training and are certified to operate fire extinguishers and put out fires safely and quickly.	**Yes**	**No**	**N/A**	Correctly implemented.
Solid Waste Management, Litter and Refuse				
The site is kept neat and clean, and littering is prohibited.	**Yes**	**No**	**N/A**	Correctly implemented.
Burying or dumping of waste materials, vegetation, litter, or refuse onsite is prohibited.	**Yes**	**No**	**N/A**	No burying or dumping of waste materials, vegetation, litter, or refuse has occurred.
Lockable and weatherproof bins with lids are provided in sufficient number and capacity to store daily solid waste. Lids are kept firmly on the bins, and they are emptied regularly, at least once a week, to prevent overflow.	**Yes**	**No**	**N/A**	No bins present onsite at T4/5, however, the Fencing Contractor is placing rubbish from lunches into the back of their vehicle and is removed from site every day.
Waste from bins may be temporarily stored onsite in a central waste area that is weatherproof and scavenger proof (lockable), and which the ECO has approved.	**Yes**	**No**	**N/A**	No general waste is stored onsite.
Refuse is recycled wherever possible, with containers provided for glass, paper, metals, and plastics, and contents delivered to suitable recycling facilities when necessary.	**Yes**	**No**	**N/A**	Correctly implemented.
All construction waste or spoil material is recycled wherever possible, either onsite or taken back to the Contractor's workshop for disposal, with disposal slips provided.	**Yes**	**No**	**N/A**	Correctly implemented.
All litter and refuse are disposed of offsite at an approved landfill site. The Contractor provides the ECO with a certificate of disposal and retains a copy in the Site file.	**Yes**	**No**	**N/A**	Correctly implemented. The waste disposal slips have been taken to the Contractor's yard. The ECO is awaiting the proof of disposal.
Contaminated Water Management				
Water containing pollutants such as cement, concrete, lime, chemicals, oils, and fuels is discharged into a conservancy tank for removal to a licensed disposal facility. A certificate of disposal is retained in the Site file. This applies to water from concrete batching plants and runoff from fuel storage, refuelling, or equipment washing areas.	**Yes**	**No**	**N/A**	No water containing pollutants is stored or present onsite. All hazardous solid and liquid waste has been taken to the Contractor's yard and will be disposed of in due course and a disposal certificate provided to the ECO.
No paint products, chemical additives, or cleaners (e.g., thinners and turpentine) or their wash water are disposed of onsite.	**Yes**	**No**	**N/A**	There are no paint products onsite.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
The Contractor notifies the ECO immediately of any pollution incidents onsite and takes all reasonable measures to contain and minimize the effects of the pollution.	**Yes**	**No**	**N/A**	No pollution incidents have occurred.
Lights				
The Contractor ensures that onsite lighting does not cause avoidable disturbances to surrounding users and does not attract unwanted insects or animals. All installed lighting is energy-efficient where practical and is turned off when not in use.	**Yes**	**No**	**N/A**	No work will be occurring at night.
Noise				
The Contractor limits noise levels (for example, by installing and maintaining silencers on plant equipment or using hay bales to lessen the noise).	**Yes**	**No**	**N/A**	Not required at this stage. Will be implemented if required.
Employees are provided with adequate PPE with respect to ear protection.	**Yes**	**No**	**N/A**	As above.
No amplified music or sound equipment is allowed onsite. Audio equipment may only be used at low volumes to remain unobtrusive. Sound amplification is permitted only in emergency situations	**Yes**	**No**	**N/A**	No music or sound equipment present onsite.
Dust Management				
The Contractor takes all reasonable measures to minimise the generation of dust.	**Yes**	**No**	**N/A**	Not required at this stage due to wet weather conditions.
Stockpiles are kept in sheltered areas and managed in the following manner: Stockpile slopes are minimized to a natural angle of repose; stockpile sizes have been limited to a maximum height of 2 meters and stockpiles not in active use have been covered with shade cloth or geofabric.	**Yes**	**No**	**N/A**	Topsoil stockpiles have been covered with netting to prevent desiccation. Topsoil will be returned during rehabilitation of the trenched area at T4/5 in April or May 2026.
Dust suppression (wetting or other best practicable environmental option) is used in and around the Construction area, along haul roads, at stockpiles, and any additional area indicated by the EO/ECO.	**Yes**	**No**	**N/A**	Not required at this stage due to wet weather conditions.
Dowsing, with non-potable water (not including treated effluent or seawater, which may not be used for any activities), is implemented to reduce and control dust fallout.	**Yes**	**No**	**N/A**	As above.
Construction Personnel Information Posters				
Environmental information posters (“dos and don’ts”) have been erected at eating areas and other common areas. Posters are maintained in good condition and replaced if damaged or illegible.	**Yes**	**No**	**N/A**	The site camp at T4/5 has been removed and as such the environmental (“dos and don’ts”) posters, emergency numbers, and ECOs small white board are no longer present onsite.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Emergency Procedures				
EMS procedures are in place for emergencies and are being followed.	**Yes**	**No**	**N/A**	No emergencies have occurred.
In the event of an emergency, the Overstrand Municipality's Emergency Call Centre has been contacted using the appropriate numbers. Emergency contact numbers, including the local firefighting service, are posted in the Contractor's office and near the onsite telephone, and are retained in the Site file.	**Yes**	**No**	**N/A**	As above.
General Protections in Terms of the National Heritage Resources Act (25 of 1999)				
If any heritage resource is encountered, work is stopped immediately, and the Engineer and ECO are notified. In this case, the Engineer/ECO contacts the relevant Heritage Authority, and work proceeds only upon their approval.	**Yes**	**No**	**N/A**	No heritage resources have been discovered.
A copy of the Record of Decision issued by Heritage Authorities is kept onsite, and The Contractor complies with the heritage management specifics outlined in the EMPr.	**Yes**	**No**	**N/A**	As above.
Protection of Natural Features				
The Contractor does not deface, paint, damage or mark any natural features situated in or around the site for survey or other purposes, unless agreed beforehand with the Engineer, ECO and Landowner.	**Yes**	**No**	**N/A**	Correctly implemented.
Any features affected by the Contractor in shall be restored/rehabilitated to the satisfaction of the ECO and Landowner.	**Yes**	**No**	**N/A**	No natural features have been affected.
Protection of Flora and Fauna				
Vegetation and flora are not removed, damaged, or disturbed except as necessary for the works, as specified by the ECO.	**Yes**	**No**	**N/A**	During overhead cable installation at T4/5 in March 2025, vegetation was brush-cut and not properly treated. Vegetation has since regrown, and the Search and Rescue Specialist will remove the alien vegetation during rehabilitation in 2026. No further clearance of vegetation is required.
A Specialist has identified natural vegetation or rare/endangered flora to be preserved. The Contractor has demarcated these areas as "no-go areas" to protect the flora. Necessary measures have been taken to ensure the protection of identified flora.	**Yes**	**No**	**N/A**	Search and Rescue was completed by a Specialist for the pipeline route at T4/5 on 25-02-2025 and 08-05-2025.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Equipment has not been driven across natural vegetation, where possible. Areas of needless vegetation destruction have been reinstated to the standard specified by the ECO.	Yes	No	N/A	Correctly implemented.
Trapping, poisoning, shooting, or hunting of animals, including collecting carcasses, is strictly prohibited. No domestic pets or livestock are permitted onsite, and Site staff are prohibited from keeping pets. Measures are in place to keep domestic and native animals from surrounding Landowners safe from unprotected Works.	Yes	No	N/A	No hunting has occurred onsite.
Clearing of Vegetation				
Vegetation clearance is strictly limited to what is required for construction activities. A qualified Botanical Specialist has been appointed to identify and oversee the removal, rescue, and relocation of Species of Conservation Concern (SOCC).	Yes	No	N/A	No further clearance of vegetation is required.
Vegetation clearance has been approved by the Botanical Specialist, in line with the approved EMPr. vegetation clearance is restricted to the exploration camp, approved access routes, and areas where vegetation interferes with construction activities. No undue or unnecessary vegetation removal has occurred.	Yes	No	N/A	As above.
Approved vegetation clearance is undertaken by hand using handheld implements, cutting vegetation at ground level without uprooting. Root structures are not removed or tampered with, and roots are left intact and in situ as far as reasonably possible.	Yes	No	N/A	As above.
No tracked or wheeled mechanised equipment is used for vegetation clearance.	Yes	No	N/A	As above.
Vegetation clearance is conducted in phases to reduce erosion and water pollution. Clearing operations are scheduled to minimise the exposure time of cleared areas before construction starts. Cleared areas are stabilised as soon as possible where necessary.	Yes	No	N/A	As above.
Site clearance activities cease immediately upon encountering fauna. Fauna is safely relocated before activities resume.	Yes	No	N/A	As above.
Vegetation is disposed of at an approved disposal site. Burying or burning of vegetation is strictly prohibited. Cut vegetation is to be disposed of at a licensed landfill facility with slips provided to the ECO.	Yes	No	N/A	No further vegetation disposal has occurred or will be required.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Riparian and Instream Habitat				
No construction activities occur within riparian or wetland habitats.	**Yes**	**No**	**N/A**	Correctly implemented.
Topsoil Management				
Topsoil (up to 300 mm deep, or to bedrock if shallower) and root material from cleared vegetation are stripped for rehabilitation and revegetation. Stripping is done according to the specified depth.	**Yes**	**No**	**N/A**	Topsoil stockpiles have been covered with sufficient netting to prevent desiccation. Topsoil will be returned during rehabilitation of the trenched area at T4/5 in April or May 2026. No further topsoil management is required.
Topsoil is stripped from all areas subject to compaction, as per environmental specifications and ECO direction. Topsoil from different areas is stockpiled separately and returned to its original location, as well as stored separately from subsoil.	**Yes**	**No**	**N/A**	As above.
Topsoil is covered with shade cloth or geofabric to prevent desiccation.	**Yes**	**No**	**N/A**	As above.
Stockpiles are placed on previously disturbed areas or areas with minimal environmental impact. Stockpiles do not exceed 2 m in height and maintain a natural angle of repose.	**Yes**	**No**	**N/A**	As above.
Erosion control measures (e.g., bund walls) are in place to prevent stockpile erosion and compaction. Stockpiles do not obstruct water flow or cause water damming.	**Yes**	**No**	**N/A**	As above.
Topsoil and subsoil are stockpiled separately and reinstated in reverse order. Topsoil is only handled during removal and reinstatement. Replaced soil is compacted and levelled with adjacent areas, especially near watercourses.	**Yes**	**No**	**N/A**	As above.
Erosion and Sedimentation Control				
Any erosion or sedimentation on or off-site has been identified and reported. Rectification measures, as specified by the ECO, have been implemented.	**Yes**	**No**	**N/A**	There is no erosion occurring at T4/5; however, erosion is looked out for.
Any tunnels or erosion channels have been backfilled, compacted, and restored.	**Yes**	**No**	**N/A**	As above.
Cleared areas have been stabilised to prevent erosion, as per ECO's guidance.	**Yes**	**No**	**N/A**	This has not yet been required.
Earthworks Management				
Excavated trenches are demarcated and fenced off as "no-go" areas when no Construction activity is underway. Trenches and excavations are backfilled as soon as possible, ideally during pipeline/cabling laydown.	**Yes**	**No**	**N/A**	The trench at T4/5 is closed. No further earthworks are required.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Open trenches are inspected daily for trapped animals, and any found are safely relocated. Excavation in watercourses/wetlands occurs only in the dry season and is avoided during predicted heavy rains.	**Yes**	**No**	**N/A**	As above.
Soils are appropriately compacted according to the natural soil characteristics of the area to preserve future surface and subsurface drainage through the previously trenched areas.	**Yes**	**No**	**N/A**	As above.
Stockpiles are kept free of weeds throughout construction. Stockpiles are not placed within the 1:20 flood line, within 50 m of wetlands/watercourses, or outside designated areas in construction diagrams.	**Yes**	**No**	**N/A**	As above.
Only backfill material from an approved, alien-free source is used. Backfill is free of foreign matter such as litter, waste, vegetation, and seed stock.	**Yes**	**No**	**N/A**	As above.
Changes in natural gradients due to Construction activities are avoided where possible or mitigated by levelling the slope to the original gradient during rehabilitation.	**Yes**	**No**	**N/A**	As above.
Trenching				
Trenching for services shall be undertaken in accordance with the engineering specifications with the following environmental amplifications.	**Yes**	**No**	**N/A**	The trench at T4/5 has been backfilled and no open sections remain.
A buffer zone must be implemented for each wetland/watercourse and construction within the buffer zone must be restricted to the trench line and working side of the trench.	**Yes**	**No**	**N/A**	Trenching did not occur adjacent or next to a wetland and/or watercourse.
Soil shall be excavated and used for refilling trenches i.e., soil from the first trench shall be excavated and stockpiled, thereafter soil from the second excavated trench length shall be used to backfill the trench behind it once the services have been laid. The last trench shall be filled using the soil stockpiled from the first trench.	**Yes**	**No**	**N/A**	The trench at T4/5 has been backfilled and no open sections remain.
Trench lengths shall be kept as short as practically possible before backfilling and compacting.	**Yes**	**No**	**N/A**	As above.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Trenches shall be re-filled to the same level as (or slightly higher to allow for settlement) the surrounding land surface to minimise erosion.	Yes	No	N/A	The existing trench at T4/5, adjacent to which the pipeline has been laid, was already existing on the property. The Contractor has finished reprofiling the area and the Landowner's trench has been reinstated. This includes installation of stormwater pipes as per the Landowner's original trench and stormwater mitigation measures.
Protection of Watercourses, Waterbodies and Wetlands				
The Contractor ensures that all watercourses and waterbodies are protected from contamination or degradation as a result of their activities, including protection from direct or indirect spills of pollutants.	Yes	No	N/A	No watercourses and/or waterbodies have been contaminated or degraded. It is expected that stormwater (or rainwater runoff) will be silted after flowing through the backfilled area, however, a Freshwater Specialist is monitoring downslope ecosystems for potential impacts.
In the event of a spill, prompt action (as planned and approved in the Emergency Plan Method Statement) is taken to clear the polluted or affected areas, and the Engineer and ECO has been notified immediately.	Yes	No	N/A	Correctly implemented. No spills have occurred in or near watercourses, waterbodies or wetlands.
No activities occur within wetland areas unless necessary, with approval from the Engineer and ECO.	Yes	No	N/A	Correctly implemented.
Stormwater, Runoff Management and General Water Management				
No stormwater containing waste, or water containing waste emanating from Construction activities is discharged into a watercourse or waterbody.	Yes	No	N/A	The Contractor has closed the pipeline trench. The Landowner's trench is finished being reprofiled and the original stormwater mitigations have been reinstated. Stormwater is currently not being diverted but is allowed to run along the original route via the Landowner's trench.
Uncontaminated water is removed from the site by allowing it to seep back into the soil around the site.	Yes	No	N/A	As above.
Suitable control of runoff is ensured during the Construction phase to prevent erosion of topsoil on stockpiles and adjacent land and undeveloped portions of the site. Erosion is monitored, and mitigation measures are implemented including, but not limited to, utilisation of sandbags and berms to prevent water from engrossing on sensitive ecosystems and to focus drainage into soft sands around the site.	Yes	No	N/A	As above.
Clean water and dirty water systems are managed independently and be kept separately.	Yes	No	N/A	Not required at this stage as there are no construction materials present in the water from the trench. Sediments coming from the trench stormwater are considered clean in situ material (soluble soils and clays in solution). Thus the water is considered to be clean.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Erosion and stormwater management measures, such as berms, silt fences, and/or hessian curtains, have been implemented to prevent sedimentation of freshwater features and divert stormwater away from erosion-prone areas. Erosion control measures are being monitored regularly throughout the construction phase to ensure effectiveness.	**Yes**	**No**	**N/A**	Stormwater is currently not being diverted but is allowed to seep into the soil where the trench has been backfilled. The stormwater is now running in the original Landowner's trench as it was prior to construction.
Stormwater is directed towards stabilised areas to dissipate the energy of water flow. No ponding of stormwater is occurring on the site. Stormwater is confined to a dedicated stormwater channel on the Site. Stormwater from bunded areas is collected in a suitable container for proper disposal off-site.	**Yes**	**No**	**N/A**	As above.
Increased runoff from vegetation clearance and/or soil compaction is being managed to prevent erosion and silt entry into streams.	**Yes**	**No**	**N/A**	As above.
Temporary Site Closure				
In the event of temporary site closure (for a period exceeding one week), the Contractor's ESO shall carry out checks and report on compliance to the ECO.	**Yes**	**No**	**N/A**	The pipeline section of T4/5 is complete and will be temporarily closed until the Contractor returns to reprofile the wet section. See ECO Inspection Report dated 17-09-2025 for final photographs.
Fire extinguishers are serviced and accessible.	**Yes**	**No**	**N/A**	Not required for the temporary closure of the pipeline section of T4/5.
There is adequate ventilation in enclosed spaces.	**Yes**	**No**	**N/A**	As above.
All hazardous substance stores are securely locked.	**Yes**	**No**	**N/A**	As above.
Fencing and barriers are in place.	**Yes**	**No**	**N/A**	As above.
Emergency and management contact details are prominently displayed and available.	**Yes**	**No**	**N/A**	As above.
Wind and dust mitigation measures e.g., straw, brush packs, irrigation, etc. are in place.	**Yes**	**No**	**N/A**	As above.
Excavated and filled slopes and stockpiles are at a stable angle and capable of accommodating normal expected water flows.	**Yes**	**No**	**N/A**	As above.
There are sufficient detention ponds or channels in place.	**Yes**	**No**	**N/A**	As above.
Cement and materials stores are secured.	**Yes**	**No**	**N/A**	As above.
Toilets are empty, secured, and lockable.	**Yes**	**No**	**N/A**	As above.
Central waste area and all refuse bins are empty and secured.	**Yes**	**No**	**N/A**	As above.
Contaminated water conservancy tank empty.	**Yes**	**No**	**N/A**	As above.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Any bunded areas are clean and treated with an approved product where applicable (e.g., Spill Sorb or Enretech #1 Powder or equivalent).	**Yes**	**No**	**N/A**	As above.
Drip trays are empty and secure.	**Yes**	**No**	**N/A**	As above.
Excavations should not be left open during temporary closures. If an excavation must remain open during temporary closure, then someone must check the excavation on a regular basis for the presence of animals and for the need to de-water (especially after rainfall).	**Yes**	**No**	**N/A**	As above.
Demolition and Removal of Structures				
The Contractor demolishes and removes from site everything not forming part of the Permanent Works, prior to landscaping and rehabilitation.	**Yes**	**No**	**N/A**	Everything not forming part of the Permanent Works will be removed from T4/5 once the fence has been erected.
All material generated from the demolition and removal of structures from site are appropriately disposed of if not reused. All incidental excavations are refilled and adequately compacted and rehabilitated.	**Yes**	**No**	**N/A**	As above.

The responsible personnel shall identify the root cause of Non-Compliance found and adopt the appropriate Corrective and Preventive Actions for mitigation measures. Confirmation of the effectiveness of the Corrective and Preventive Actions shall be verified by the ECO and approved by the Overstrand Municipality within an agreed time.



(Environmental Control Officer: Melissa Weeks)

Date: 25-09-2025

ENVIRONMENTAL SITE INSPECTION

Revision 1

Project and Site Information			
Date	01-10-2025	**Site Location**	HAV1 Repl.: -34.398490°; 19.209445° T4/5: -34.375420°; 19.246203°
Time	12:30	**Site Owner**	HAV1 Repl.: Overstrand Municipality T4/5: Bouchard Finlayson Winery
Project Title	972 – Hemel en Aarde Expansion	**Inspected By**	ECO Melissa Weeks
Contract	SC2504_2024 Civil, Mechanical & Electrical	**Stage / Status during Inspection**	HAV1 Repl.: Work at HAV1 Repl. is complete and the site has been closed. See ECO Inspection Report dated 08-09-2025 for final photographs. T4/5: Fencing underway at T4/5. The road has been repaired, and the trench area of the site is temporarily closed until the Contractor returns to reprofile the wet section. See ECO Inspection Report dated 17-09-2025 for final photographs. **This ECO Inspection Report speaks to work occurring at T4/5 only. The Contractor was not onsite at the time of the inspection.**
Corresponding Method Statement	Environmental Method Statement: Supply and Install Mechanical, Electrical and Civil Borehole Hermanus	**Environmental Method Statement Date**	17-02-2025

Summary of Non-Compliance Issues

Site / Area	Aspect	Date Identified	Date Corrected	Action Taken
T4/5	The drip tray beneath the excavator onsite is broken and needs to be replaced.	14-03-2025	03-04-2025	The Contractor was requested to obtain a new drip tray.
	The excavator arm is leaking oil, which is currently dripping onto the excavator itself rather than the ground. However, the ground beneath is not protected by a drip tray, creating a risk of contamination if the oil starts to drip further.	14-03-2025	03-04-2025	Although no oil had spilled, the Contractor was instructed to place a drip tray beneath the excavator arm as a precaution and to repair the leak or remove the machine. On 20-03-2025, the ECO noted a drip tray in place under the arm, and on 27-03-2025, a cloth was used to temporarily stop the oil from dripping
HAV1 Repl. & T4/5	There are no bins onsite.	14-03-2025	25-04-2025	The Contractor was requested to obtain bins for general, hazardous and recycling waste.

Summary of Non-Compliance Issues				
Site / Area	**Aspect**	**Date Identified**	**Date Corrected**	**Action Taken**
T4/5	There are no environmental ("dos and don'ts") posters/signs on display at the site camp.	14-03-2025	27-03-2025	The Contractor was requested to display an environmental awareness poster.
HAV1 Repl.	There is no smoking area defined onsite.	20-03-2025	27-03-2025	The Contractor was requested to set up a smoking area with a nearby fire extinguisher.
	Partial Compliance. There is no defined eating area for staff onsite.	20-03-2025	10-04-2025	The Contractor was requested to define an eating area onsite.
	Partial Compliance. The toilet is latched from the outside to prevent animals from entering but is not secured to prevent toppling.	20-03-2025	03-04-2025	The Contractor was requested to secure the toilet to the ground.
	There were no fire extinguishers onsite.	20-03-2025	27-03-2025	The Contractor was requested to take a fire extinguisher from the site camp to HAV1 Repl. every time they are working onsite.
HAV1 Repl. & T4/5	The working area at HAV1 Repl. has been demarcated with danger tape, but T4/5 has not been.	27-03-2025	03-04-2025	The Contractor was requested to demarcate the working area using temporary fencing.
	Disposal of both general waste and brush-cut alien vegetation has been completed. The Contractor reported that no disposal slips were issued by the municipal facilities.	03-04-2024	08-04-2025	The ECO visited the municipal facility to enquire about proof of disposal for the alien vegetation. Staff explained that they do not typically provide official stamps or signatures. However, a logbook of incoming vehicle registration plates is maintained. The ECO has requested that, if permitted, the Contractor take a photo of the logbook showing their vehicle's entry. The general waste facility does issue disposal slips when vehicles go over the weighbridge. If not, staff are usually willing to sign a slip provided by the Contractor. On 08-04-2025 the Contractor confirmed that they had attempted to obtain a disposal slip for the waste that had already been offloaded. However, the facility would not issue a slip retrospectively. Going forward, the Contractor has been instructed to use the weighbridge to ensure proper disposal documentation is provided.
HAV1 Repl.	An oily fuel drum has been used for staff to store their lunch bags. It is unclear whether the oil was present beneath the bags during the inspection on 10-04-2025.	17-04-2025	24-04-2025	The Contractor was requested to immediately remove the oily drum from site and place it in the container at site camp.

Summary of Non-Compliance Issues				
Site / Area	**Aspect**	**Date Identified**	**Date Corrected**	**Action Taken**
	Partial Compliance. Two small cement spills have been observed at HAV1 Repl.	17-04-2025	22-04-2025	The Contractor was requested to pick these up and place them with the excess rubble that is stored on a plastic sheet adjacent to the pumphouse for disposal.
	A small amount of litter was seen around the site area.	29-04-2025	29-04-2025	The Contractor immediately cleaned up the litter.
Site Camp	Partial Compliance. The Contractor does not have a copy of the MSDS for Bricure (cement sealant) onsite.	08-05-2025	29-05-2025	The Contractor was requested to obtain a copy of this MSDS for the site file. The ECO tried finding this online but was unsuccessful.
HAV1 Repl.	Partial Compliance. A section of the barrier fence around the site has blown over.	19-05-2025	05-06-2025	The Contractor was requested to reinstate the barrier fence. Note: on the 29-05-2025 a section of the barrier fence has been removed. The Contractor was requested to reinstate the barrier fence.
	Partial Compliance. The toilet onsite is secured to the ground but not latched.	19-05-2025	29-05-2025	The Contractor was requested to ensure that the toilets onsite are always latched closed to prevent animals from entering.
T4/5	The Contractor has separated the topsoil from the subsoil but has not demarcated the topsoil.	19-05-2025	29-05-2025	The Contractor was requested to cover topsoil with netting to ensure it is kept separate from subsoil and not mistakenly used as such.
	Partial Compliance. Topsoil has not yet been cleared along the pipeline route in some areas where the excavators are operating. If not removed promptly, it is at risk of becoming compacted.	19-05-2025	29-05-2025	The Contractor was instructed to remove the topsoil along the excavator route before excavation work continues.
	Topsoil stockpiles have not been covered with netting.	19-05-2025	30-06-2025	The ECO requested netting be placed over topsoil stockpiles for demarcation and to prevent erosion. 05-06-2025: Majority of the topsoil stockpiles have been covered with shade cloth, but not all.
	Some sections of the barrier tape have been buried by subsoil stockpiles which have been placed outside of the demarcated area.	29-05-2025	13-06-2025	The Contractor was requested to reinstate the danger tape.
	One generator onsite was correctly placed inside a drip tray, while the other was not. Additionally, the crane truck did not have any drip trays beneath it.	29-05-2025	05-06-2025	The Contractor was instructed to ensure that all generators are placed inside drip trays and not directly on the ground, and that all vehicles have appropriate drip trays positioned underneath them.

Summary of Non-Compliance Issues				
Site / Area	**Aspect**	**Date Identified**	**Date Corrected**	**Action Taken**
	Subsoil stockpiles have been placed outside of the demarcated area on top of vegetation.	05-06-2025	08-08-2025	The Contractor was requested to seek advice from the Rehabilitation Specialist on how to remove the soil without damaging the underlying vegetation. Note: The Contractor has been instructed by the Rehabilitation Specialist to remove the subsoil by hand to prevent damage to vegetation and topsoil.
	The majority of the trench remains open due to time constraints and the approaching rainy season, which has made it difficult for the Contractor to complete trenching and backfilling in smaller sections as outlined in the EMS.	05-06-2025	03-07-2025	The Contractor is making a consistent effort to comply with all other EMS conditions and continue work responsibly under the circumstances.
	The large excavator onsite is leaking oil from underneath onto a plastic sheet. This is a new leak and unrelated to the leak identified on 14-03-2025. No evidence of spills beneath the sheet are evident.	13-06-2025	03-07-2025	The Contractor was requested to repair the excavator or remove it from site. 19-06-2025: A small amount of oil dripped outside of the plastic area onto the ground despite the excavator being repaired. The small spill was immediately picked up. The Contractor was requested to repair the excavator again. 26-06-2025: A small oil spill occurred beneath the excavator due to leftover oil from recent repairs and the absence of a drip tray. The Contractor was instructed to clean the machine and carry out further repairs to identify and stop the leak.
	Partial Compliance. A small amount of cement spilled outside the shuttering.	13-06-2025	19-05-2025	The Contractor was requested to wait for the cement to dry and then pick it up and dispose of it as rubble.
Site Camp	The Electrical Contractor was to be inducted by the primary Contractor ahead of the installation of the electrical boxes. When the Contractor was asked to provide the ECO with an induction register, none could be provided.	03-07-2025	11-07-2025	The Contractor was requested to induct the Electrical Contractor and provide the ECO with a copy of the attendance register.
T4/5	Partial Compliance. The plastic beneath the small excavator had blown out from beneath the machine. The large excavator had drip trays beneath it, however, they were full of rainwater.	03-07-2025	11-07-2025	The Contractor was not onsite at the time of the inspection but was requested to rectify.

Summary of Non-Compliance Issues				
Site / Area	**Aspect**	**Date Identified**	**Date Corrected**	**Action Taken**
HAV1 Repl.	Partial Compliance. The security guard is smoking inside the hut, however, the cigarette buds are not being placed into the provided bin but rather on the ground outside the hut.	11-07-2025	18-07-2025	The security guard was requested to pick up the buds and place them in the bin.
T4/5	The large excavator onsite is leaking oil into a drip tray.	18-07-2025	31-07-2025	The Contractor was requested to fix the excavator or remove it from site.
	Some sections of barrier fencing are broken along the trench working area.	18-07-2025	08-08-2025	The Contractor was requested to reinstate the fencing.
	The TLB onsite was observed driving inside of the “no-go” area to dump material for backfilling. Fortunately, the ECO observed this on the first load of material and the vegetation was left slightly trampled but not damaged.	25-07-2025	31-07-2025	The TLB driver was instructed to only drive within the working area.
	Partial Compliance. Some topsoil stockpiles are no longer sufficiently covered with netting.	25-07-2025	13-08-2025	The Contractor was requested to re-cover the topsoil stockpiles.
HAV1 Repl.	Partial Compliance. The Fencing Contractor did not have a drip tray beneath the generator onsite, only some wooden boards.	31-07-2025	28-08-2025	The Contractor was requested to obtain a drip tray. 08-08-2025: This item will remain open as the Fencing Contractor will return to T4/5 to install a fence.
	The Contractor was mixing cement for the fence post foundations inside a wheelbarrow but with no mitigation measures beneath.	31-07-2025	28-08-2025	The Contractor was requested to mix cement with plastic beneath the mixing area to prevent spillage. 08-08-2025: This item will remain open as the Fencing Contractor will return to T4/5 to install a fence.
	A large amount of litter was observed around the site area.	08-08-2025	28-08-2025	The Contractor was requested to remove the litter.
	Minor cement spills were observed around the foundations of the fence posts.	08-08-2025	22-08-2025	The Contractor was requested to pick up the cement which has spilled outside the foundations.
	The waste bin onsite is overflowing and not secured to prevent animals from accessing it.	08-08-2025	13-08-2025	The Contractor was requested to empty the bin and secure it to prevent animals from accessing it.
T4/5	The Contractor did not have a drip tray beneath an oil container and two jerry cans of fuel.	08-08-2025	13-08-2025	The Contractor was requested to ensure that all hazardous chemics were stored on drip trays onsite.

Summary of Non-Compliance Issues				
Site / Area	**Aspect**	**Date Identified**	**Date Corrected**	**Action Taken**
	The Contractor was seen mixing cement on the bare ground with no plastic or boards beneath. The cement is highly alkaline and without proper remediation no plants will grow back in the area following rehabilitation.	08-08-2025	08-08-2025	The Contractor was instructed to immediately dig up the area where the cement was being mixed. The spoil was to be used at backfill for the breather manholes, followed by subsoil to prevent contamination with topsoil.
	Partial Compliance at T4/5. The bin onsite is lockable but was not locked at the time of the inspection.	22-08-2025	28-08-2025	The Contractor was requested to rectify this.
	A small cleanup is required at T4/5 where cement was mixed onsite.	28-08-2025	03-09-2025	The Contractor was requested to rectify this.
	There is no firefighting equipment onsite at the site camp at T4/5.	28-08-2025	25-09-2025	The Contractor was requested to bring a valid fire extinguisher back to site.
	There is some litter around the site camp area at T4/5.	28-08-2025	03-09-2025	The Contractor has been requested to rectify this.
	There were no drip trays beneath the machinery parked onsite.	03-09-2025	08-09-2025	The Contractor has been requested to rectify this.
	A copy of the EMS, the BAR and the EA are not available in the site file.	03-09-2025	17-09-2025	The Contractor has been requested to bring the site file back to site while site closure is underway.
	No bins present onsite.	03-09-2025	17-09-2025	The Contractor has been requested to bring a lockable bin back to site while site closure is underway.
	The Road Rehabilitation Contractor has not been inducted by the Engineering Contractor and as such are not aware of environmental requirements and controls.	03-09-2025	08-09-2025	The Contractor was requested to do training.
	No spill kit is currently onsite.	03-09-2025	17-09-2025	The Contractor has been requested to bring the spill kit back to site while site closure is underway.
	Two hydrocarbon spills were observed by the ECO during the site inspection on the ground where the TLB parks overnight despite there being a drip tray present.	08-09-2025	08-09-2025	The Contaminated soil was picked up by the Civils Contractor.
	The Fencing Contractor does not have a copy of the EMS onsite.	25-09-2025	01-10-2025	The Contractor was informed that a copy of the EMS is required in the safety file at all times.
	The Fencing Contractor was observed mixing cement in a wheelbarrow without ground protection.	25-09-2025	01-10-2025	The Contractor was requested to place plastic beneath the wheelbarrow.
	There are no ablution facilities onsite.	25-09-2025	01-10-2025	The Contractor was requested to get a toilet onsite as soon as possible.
	Two spills were observed in the road adjacent to the pumphouse.	01-10-2025	Pending	The Contractor was requested to dig up the spills and dispose of them as hazardous waste.

Summary of Non-Compliance Issues				
Site / Area	**Aspect**	**Date Identified**	**Date Corrected**	**Action Taken**
	There was a large amount of litter both in the fence boundary of the pump house and in the road adjacent.	01-10-2025	Pending	The Contractor was requested to pick up the litter and dispose of it as general waste.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
General				
Is the overall appearance of the site visually acceptable and tidy?	**Yes**	**No**	**N/A**	Correctly implemented at T4/5.
 **01-10-2025, 12:30 – A fence is being erected at T4/5. The Contractor was not onsite at the time of the inspection.**				
A copy of the EMS will always be available onsite in the site file.	**Yes**	**No**	**N/A**	The Contractor was not onsite at the time of the inspection.
Environmental Awareness Training				
The Contractor ensures that all employees, and those of their Sub-Contractor, attend an Environmental Awareness Training Course (EATC), conducted by the ECO. The training will cover key environmental features of the working area, its surroundings, and the environmental controls outlined in this specification.	**Yes**	**No**	**N/A**	An EATC was given to staff on the 24-02-2025 at the Contractor's offices. Further training has been given by the ECO to local labour and/or Subcontractors onsite on the 20-03-2025, 03-04-2025, 12-05-2025, 19-05-2025, 29-05-2025, 03-07-2025, 18-07-2025, 25-07-2025, and 31-07-2025.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
The initial EATC shall be held within 28 days from the Commencement Date, and subsequent courses shall be arranged for new employees coming onto Site after the initial training course. Provision shall also be made for refresher courses to be undertaken on a quarterly basis during the Contract.	Yes	No	N/A	Correctly implemented.
The Contractor provides proof of attendance by all their employees in the form of a signed attendance register for each session. All environmental training registers are kept on file.	Yes	No	N/A	Correctly implemented.
Site Division, Demarcation and "No-Go" Areas				
The location, layout and establishment of the Contractors camp shall be approved by the ECO prior to the start of establishment.	Yes	No	N/A	The site camp has been removed from T4/5 and will no longer be required.
The Contractor restricts all their activities, materials, plant equipment and personnel to within the Site or any working areas specified or indicated on the drawings.	Yes	No	N/A	As above.
Permanent and/or temporary fences have been erected and maintained in the locations specified in the Scope of Work or drawings, and, if specified, before the commencement of any construction activities.	Yes	No	N/A	A permanent fence is being erected at T4/5. See photograph above in section "General".
Where environmentally sensitive areas are specified as "no-go" areas, no person, plant, equipment, or material shall enter these areas at any time, in accordance with the Contractor's authority.	Yes	No	N/A	The Contractor was not onsite at the time of the inspection.
Access Routes/Haul Roads				
The Contractor controls the movement of all vehicles and construction equipment, including those of suppliers and subcontractors, ensuring they remain on designated routes and are distributed to prevent undue traffic concentration. All vehicle and equipment movement complies with relevant laws. The movement of such vehicles and construction equipment is planned and operated to minimise disruption to regular users of the routes.	Yes	No	N/A	The Contractor was not onsite at the time of the inspection.
As far as possible the Contractor uses existing access and haul routes.	Yes	No	N/A	As above.
Any damage to existing access roads caused by construction activities has been repaired to the satisfaction of the Engineer using material similar to the original. The cost of repairs has been covered by the Contractor.	Yes	No	N/A	As above.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
No new access roads or tracks have been constructed without the Landowner's consent.	Yes	No	N/A	Correctly implemented. No new access roads have been required.
Where new routes are required to gain site access, prior approval from the Engineer and ECO have been obtained. New access routes disturb the smallest possible area, avoid all "no-go" areas, and follow natural contours where possible.	Yes	No	N/A	No new routes have been required.
Vehicle trips have been kept to a minimum to reduce vegetation damage, and all equipment has remained on the demarcated access route.	Yes	No	N/A	Correctly implemented. No staff or machinery have been observed outside of the working area.
All directional signage for vehicle and equipment movement required by the Contractor, their Subcontractors or Suppliers is of an approved design and located as approved by the Engineer.	Yes	No	N/A	No directional signage is currently required.
Eating Areas				
The Contractor has designated eating areas within the approved camp.	Yes	No	N/A	The site camp has been removed from T4/5 and will no longer be required. The Contractor was not onsite at the time of the inspection.
The feeding of, or leaving of food for, animals is strictly prohibited.	Yes	No	N/A	As above.
Sufficient bins are provided in specified areas, and lockable bins are used where required to prevent animal access (especially baboons).	Yes	No	N/A	As above.
Any cooking onsite is done on well-maintained gas cookers with valid fire extinguishers present. No open fires for cooking purposes are permitted under any circumstances.	Yes	No	N/A	No cooking is being done onsite at T4/5.
Materials Handling, Use and Storage				
The Contractor shall ensure that any delivery drivers and visitors to site are informed of all procedures and restrictions. A visitor's register has been kept on file.	Yes	No	N/A	The Contractor was not onsite at the time of the inspection.
Materials shall be appropriately secured to ensure safe passage between destinations. Loads, will be secured appropriately to prevent them spilling from the vehicle during transit.	Yes	No	N/A	As above.
The Contractor shall be responsible for any clean up resulting from the failure by their Employees or Suppliers to properly secure transported materials.	Yes	No	N/A	No clean-up has been required.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
All manufactured and/or imported materials shall, where reasonably possible, be stored within the Contractor's camp and, if so required by the Engineer/ECO, out of the rain.	Yes	No	N/A	Correctly implemented. Some building materials related to fencing are still to be taken away. See photograph in section "General" above.
The location and method of protection of such materials stored outside of the Contractor's camp and the method of rehabilitation of these areas, shall be subject to the Engineer/ECO's approval. Stockpile areas shall be approved by the Engineer/ECO before any stockpiling commences.	Yes	No	N/A	As above.
Handling, Use and Storage of Hazardous Substances				
Surfaces where hydrocarbon spills may occur are adequately prepared to prevent pollution.	Yes	No	N/A	There are no hazardous substances onsite, all machinery and chemicals have been removed.
The ECO has been informed of all hazardous substances stored onsite, and MSDSs have been provided.	Yes	No	N/A	As above.
Hazardous substances are stored in an appropriate area, in leak proof containers which are correctly labelled. Bunding the area will be required if necessary, as per the ECO.	Yes	No	N/A	As above.
Spills are immediately contained, the source is isolated, and the spillage is removed. Cleanup is conducted by applying absorbent material or by removing contaminated soil.	Yes	No	N/A	Two spills were observed in the road adjacent to the pumphouse. The Contractor was requested to dig up the spills and dispose of them as hazardous waste.



01-10-2025, 12:30 – Two hydrocarbon spills were observed in the road adjacent to the pumphouse.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Treatment or remediation of the spill is done to the satisfaction of the ECO, with waste disposed of at a licensed facility and disposal slips provided to the ECO.	Yes	No	N/A	The spills have not yet been picked up. A hazardous waste slip has been received for the liquid hazardous waste generated onsite by the Civils Contractor for the duration of the work.

Waste Oil Collectors
Industrial Water Processors

WASTE DISPOSAL CERTIFICATE
DANGEROUS GOODS DECLARATION AND WASTE MANIFEST DOCUMENT

(Waste Classification & Management Regulations, 2013 / National Road Traffic Act, 93 of 1996 and associated Regulations & South African National Standards)

Manifest No.

29988

WASTE GENERATOR / CONSIGNOR	WASTE TRANSPORTER / OPERATOR
Name: Hermanus	Name: Hi Load Group
Physical Address:	Physical Address:
Contact Person: Contact No:	Contact Person:
Email:	Phone:
After Hours Emergency No.	Vehicle Type:
OPL: Litres: 30	Vehicle Reg. No.
Total:	Trailer Reg. No.
Waste Type: ☑ Oily water ☐ Lube ☐ Black Diesel ☐ HFO ☐ Other	SDS Info attached: Yes / No
Preferred Payment Method: ☐ Cash ☐ EFT	TREC Received: Yes / No
SAWIS Reg. No:	Transporter Declaration:
Waste Generator Declaration:	I hereby declare that the waste described below has been received for transport to the consignee, in a suitable vehicle, with, if relevant, correct placarding, necessary documentation and information to be followed in case of emergency.
I hereby declare that the contents of this consignment is fully and accurately described, classified, packed, marked and labelled, and in all respects in proper condition for transport in accordance with applicable legislation.	Name of driver: Trembelani
Name:	Signature / DN number:
Signature / Consignment number:	Date: 03/10/25
Date: 03/10/25	

WASTE MANAGER / CONSIGNEE

No. 44 Fuel Brand (Pty) Ltd
2 Tide Street Woodstock 7925 Cape Town, South Africa

Postal Address: Fuel 44 c/o Lighthouse
PO Box 15514, Vlaeberg 8018

Telephone: +27 (0)64 631 6977
After Hours: 082 708 5383
Email: reception@fuel44.co.za

Reg. No. 2004/032346/07
VAT Reg. No. 413 021 9043
SAWIS Reg. No. D04186-01

Waste Management Declaration:

I hereby declare that the waste described above has been received in good order at the above site and managed as indicated, in an environmentally sound manner in accordance with applicable laws, regulations and standards.

WML - 12/9/11/L418/9 and 12/9/11/L180507160 42/9
Industrial Effluent Permit - IEA: 8915

Waste Manager / Facility Representative

Signature:

Date Received: 03/10/25

WASTE DESCRIPTION, CLASSIFICATION AND SAWIS INFORMATION

☑ Oily Water ☐ Lube ☐ Black Diesel ☐ HFO ☐ Other ☐ Specify _____ SANS 10234 Classification: Hazardous

Origin of Waste (Activity): ☐ Tank clean ☐ Marine ☑ Workshop ☐ Separator sump ☐ Other

Packaging Type / Quantity: ☑ 25 Litre drum ☐ 210 litre drum ☐ 1kl flo bin ☐ 10kl tank ☐ Road tanker ☐ _____

SAWIS Waste Category: ☑ Waste Oil Code: HW0701 ☐ Other Code:

Management Activity: ☑ Recycling ☑ Treatment

UN No: ☐ 3295: WASTE HYDROCARBONS, LIQUID, N.O.S. FLAMMABLE ☐ 3082: ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S. ☐ Other

Quantity (T/VOL): 30 Total Wet / Water litres / Water %

DISCREPANCIES	WASTE DIVERTED TO ANOTHER FACILITY
Waste Quantity Type Classification Physical and Chemical Properties	Date Facility Name Licence No. Waste Manifest No.

www.fuel44.co.za

03-10-2025, 12:30 – Hazardous waste slip received for liquid hazardous waste.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Hydrocarbon Management (Fuels, Oils and lubricants)				
Hydrocarbon storage area is located where it does not pose a risk to sensitive ecosystems and or traffic and staff safety.	**Yes**	**No**	**N/A**	There are no hazardous substances onsite, all machinery and chemicals have been removed.
Surfaces, where the possibility of hydrocarbon spillage exists, are prepared in such a way as to mitigate these risks.	**Yes**	**No**	**N/A**	As above.
Drip trays are placed under all parked or stationary plant/vehicles/machinery, and these containers are inspected to ensure no leakage occurs.	**Yes**	**No**	**N/A**	As above.
Diesel/fuel is stored in sound storage tanks or in bowsers, and the tanks/bowsers are placed within a bunded area or on an area where the ground has been protected.	**Yes**	**No**	**N/A**	As above.
A spill kit is available on-site at all times, and unauthorized access to the fuel storage area is prevented.	**Yes**	**No**	**N/A**	As above.
No smoking is permitted near the fuel storage area.	**Yes**	**No**	**N/A**	As above.
The Contractor has ensured that there is adequate fire-fighting equipment at the fuel stores.	**Yes**	**No**	**N/A**	As above.
Fuel containers are secured during transport.	**Yes**	**No**	**N/A**	As above.
The surface under the refuelling area is protected against pollution to the ECO's satisfaction prior to refuelling activities. Equipment is refuelled with the use of drip trays.	**Yes**	**No**	**N/A**	As above.
Plant				
Equipment selection and operation are done with environmental degradation minimized, and equipment operators are made aware of environmental requirements and controls. Environmental training registers are kept on file onsite.	**Yes**	**No**	**N/A**	All equipment and machinery have been removed from site
Equipment Maintenance and Storage				
Leaking equipment or vehicles emitting noticeably excessive fumes are repaired immediately or removed from Site.	**Yes**	**No**	**N/A**	There are no leaking equipment or vehicles onsite as the Contractor is not onsite.
Vehicles and machinery are serviced off-site, or if onsite maintenance is necessary, it is done outside sensitive areas, with prior approval from the Engineer and ECO. Portable drip trays on plastic are used to collect waste oil and lubricants to prevent environmental contamination.	**Yes**	**No**	**N/A**	As above.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Drip trays are provided in construction areas for stationary/parked equipment, inspected and emptied daily, and monitored during rain events to prevent overflow. The Contractor ensures that equipment is covered so that rainwater is excluded from the drip trays.	Yes	No	N/A	As above.
Oil from drip trays is stored in clean drums on protected ground and removed regularly to an oil-recycling centre. Proof of disposal is kept on file onsite.	Yes	No	N/A	All hazardous solid and liquid waste has been taken to the Contractor's yard and will be disposed of in due course and a disposal certificate provided to the ECO.
Washing of equipment onsite is strictly prohibited.	Yes	No	N/A	No washing of equipment covered in hydrocarbons has occurred.
Cement and Concrete Batching				
Batching will only occur in areas which are located on a smooth impermeable surface (concrete or 250 pm plastic) and cement is batched (mixed) in a bunded area within the boundaries of the development footprint.	Yes	No	N/A	Cement work is complete.
Cement is stored within weatherproof facilities/covered to prevent environmental contamination.	Yes	No	N/A	As above.
All wastewater resulting from batching of cement/concrete is disposed of via the contaminated water management system and is not discharged into the environment.	Yes	No	N/A	As above.
Waste water from cement/concrete works and tool washing will be directed into a sump lined with bidim.	Yes	No	N/A	As above.
Once work is complete the bidim sump will be removed and the waste material will be disposed of at a licenced facility.	Yes	No	N/A	A bidim sump was not required for the duration of the work.
Diversion berms are installed to direct contaminated water to a storage area, and contaminated water storage areas are protected from overflow, rain, and flooding.	Yes	No	N/A	Cement work is complete.
Sand, aggregate, cement or additives used during the mixing process are stored and appropriately and to prevent contamination of the surrounding environment.	Yes	No	N/A	As above.
Empty cement bags are stored in weatherproof containers to prevent contamination and are disposed of regularly through the hazardous waste management system.	Yes	No	N/A	As above.
Reasonable measures are taken by the Contractor to prevent cement/concrete spillage during batching and construction. The ground beneath the shoots of cement trucks shall be protected with plastic sheeting.	Yes	No	N/A	No cement spills were observed around the site.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Spoiled or excess aggregate/cement/concrete is removed and disposed of through the solid waste management system, with a disposal certificate retained in the site file.	**Yes**	**No**	**N/A**	The ECO is awaiting proof of disposal for the final general waste and rubble removed from site.
Ablution and Toilet Facilities				
Washing, defecating, and urinating are only permitted at designated facilities.	**Yes**	**No**	**N/A**	No washing, defecating, or urinating has occurred outside of toilet facilities. The toilet at T4/5 has been removed.
Ablution facilities, including shelter, toilets, and washing facilities, are provided by the Contractor for all personnel onsite. Toilet facilities are provided at a ratio of at least 1 toilet per 30 workers (1:15 preferred).	**Yes**	**No**	**N/A**	As above.
Toilet facilities are located within the Contractor's camp, but also at work areas remote from the camp, all to the satisfaction of the ECO.	**Yes**	**No**	**N/A**	As above.
All portable toilets are adequately secured to the ground to prevent them toppling over because of wind or any other cause, and latched closed to prevent fauna getting in.	**Yes**	**No**	**N/A**	As above.
The Contractor has ensured that the entrances to these toilets are maintained in a hygienic state, serviced regularly, that no spillage occurs when they are cleaned and that contents are removed from Site.	**Yes**	**No**	**N/A**	The ECO is awaiting proof of disposal for the final toilet servicing.
Discharge of waste from toilets into the environment and burial of waste is strictly prohibited.	**Yes**	**No**	**N/A**	No waste from toilets has been buried.
No ablution facilities are located closer than 50 m to any watercourse, wetland or other surface water body.	**Yes**	**No**	**N/A**	As above.
Water Use				
Water is conserved wherever possible, with efforts to minimize usage and immediate attention given to any wastage.	**Yes**	**No**	**N/A**	Water for construction is no longer required.
Water for potable use is sourced from a legal source, and the Contractor absolves the Employer of all risk or liability regarding compliance with relevant statutory obligations.	**Yes**	**No**	**N/A**	As above.
Water is not abstracted from private property without the prior written approval of the Landowner.	**Yes**	**No**	**N/A**	As above.
Only non-potable water from an approved source is used for construction activities such as dust suppression, etc.	**Yes**	**No**	**N/A**	As above.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Water for construction purposes is bought to site in bowsers and stored in appropriately if required.	Yes	No	N/A	As above.
The Contractor ensures that the re-use of construction water is maximised.	Yes	No	N/A	As above.
Fire Control				
The Contractor takes adequate precautions to ensure that the fire hazard on and near the site is reduced to a minimum and no fires have occurred/ been lit onsite.	Yes	No	N/A	Correctly implemented. No fires have occurred onsite.
Any fires which occur are reported to the ECO immediately.	Yes	No	N/A	No fires have occurred onsite.
Smoking is only permitted in designated smoking areas, which are demarcated, equipped with ash trays and fire-fighting equipment, and located away from fire hazards such as fuel storage, refuelling areas, or dense/grassy vegetation.	Yes	No	N/A	The Contractor was not onsite at the time of the inspection.
A Fire Officer (may be the ESO) is appointed by the Contractor to ensure immediate and appropriate actions in the event of a fire and to make employees aware of the fire procedure.	Yes	No	N/A	As above.
The relevant authority is notified immediately when a fire starts, without waiting until it can no longer be controlled.	Yes	No	N/A	No fires have occurred onsite.
The Contractor has ensured that there is always suitable and sufficient firefighting equipment available onsite.	Yes	No	N/A	The Contractor was not onsite at the time of the inspection.
The Contractor has submitted an EMS to the ECO covering the procedure to be followed in the event of a fire.	Yes	No	N/A	As above.
Necessary materials and equipment for dealing with oil, fuel, and hazardous substance spills (spill kits) and leaks are always onsite and up to date as a pre-emptive fire protection method.	Yes	No	N/A	As above.
The storage of hazardous/flammable materials and substances complies with national, provincial, and local regulatory requirements.	Yes	No	N/A	As above.
Hot works				
Any welding and/or hot work has been undertaken with the necessary safety equipment, i.e., welding screens with functional/serviced fire extinguishers onsite.	Yes	No	N/A	No hot works have been required.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Designated staff have undergone fire-safety training and are certified to operate fire extinguishers and put out fires safely and quickly.	Yes	No	N/A	The Contractor was not onsite at the time of the inspection.
Solid Waste Management, Litter and Refuse				
The site is kept neat and clean, and littering is prohibited.	Yes	No	N/A	There was a large amount of litter both within the fence boundary of the pump house and in the road adjacent. The Contractor was requested to pick up the litter and dispose of it as general waste.
Burying or dumping of waste materials, vegetation, litter, or refuse onsite is prohibited.	Yes	No	N/A	As above.

(a)



(b)



(c)



(d)



Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
 (e)  (f) **01-10-2025, 12:30 – Litter around the pumphouse to be picked up (a) to (f).**				
Lockable and weatherproof bins with lids are provided in sufficient number and capacity to store daily solid waste. Lids are kept firmly on the bins, and they are emptied regularly, at least once a week, to prevent overflow.	**Yes**	**No**	**N/A**	The Contractor was not onsite at the time of the inspection.
Waste from bins may be temporarily stored onsite in a central waste area that is weatherproof and scavenger proof (lockable), and which the ECO has approved.	**Yes**	**No**	**N/A**	No general waste is stored onsite.
Refuse is recycled wherever possible, with containers provided for glass, paper, metals, and plastics, and contents delivered to suitable recycling facilities when necessary.	**Yes**	**No**	**N/A**	The Contractor was not onsite at the time of the inspection.
All construction waste or spoil material is recycled wherever possible, either onsite or taken back to the Contractor's workshop for disposal, with disposal slips provided.	**Yes**	**No**	**N/A**	As above.
All litter and refuse are disposed of offsite at an approved landfill site. The Contractor provides the ECO with a certificate of disposal and retains a copy in the Site file.	**Yes**	**No**	**N/A**	Correctly implemented. The waste disposal slips have been taken to the Contractor's yard. The ECO is awaiting the proof of disposal.
Contaminated Water Management				
Water containing pollutants such as cement, concrete, lime, chemicals, oils, and fuels is discharged into a conservancy tank for removal to a licensed disposal facility. A certificate of disposal is retained in the Site file. This applies to water from concrete batching plants and runoff from fuel storage, refuelling, or equipment washing areas.	**Yes**	**No**	**N/A**	No water containing pollutants is stored or present onsite. All hazardous solid and liquid waste has been taken to the Contractor's yard and will be disposed of in due course and a disposal certificate provided to the ECO.
No paint products, chemical additives, or cleaners (e.g., thinners and turpentine) or their wash water are disposed of onsite.	**Yes**	**No**	**N/A**	There are no paint products onsite.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
The Contractor notifies the ECO immediately of any pollution incidents onsite and takes all reasonable measures to contain and minimize the effects of the pollution.	**Yes**	**No**	**N/A**	No pollution incidents have occurred.
Lights				
The Contractor ensures that onsite lighting does not cause avoidable disturbances to surrounding users and does not attract unwanted insects or animals. All installed lighting is energy-efficient where practical and is turned off when not in use.	**Yes**	**No**	**N/A**	No work will be occurring at night.
Noise				
The Contractor limits noise levels (for example, by installing and maintaining silencers on plant equipment or using hay bales to lessen the noise).	**Yes**	**No**	**N/A**	The Contractor was not onsite at the time of the inspection.
Employees are provided with adequate PPE with respect to ear protection.	**Yes**	**No**	**N/A**	As above.
No amplified music or sound equipment is allowed onsite. Audio equipment may only be used at low volumes to remain unobtrusive. Sound amplification is permitted only in emergency situations	**Yes**	**No**	**N/A**	As above.
Dust Management				
The Contractor takes all reasonable measures to minimise the generation of dust.	**Yes**	**No**	**N/A**	Not required at this stage due to wet weather conditions.
Stockpiles are kept in sheltered areas and managed in the following manner: Stockpile slopes are minimized to a natural angle of repose; stockpile sizes have been limited to a maximum height of 2 meters and stockpiles not in active use have been covered with shade cloth or geofabric.	**Yes**	**No**	**N/A**	Correctly implemented. Topsoil stockpiles have been covered with netting to prevent desiccation. Topsoil will be returned during rehabilitation of the trenched area at T4/5 in April or May 2026.
Dust suppression (wetting or other best practicable environmental option) is used in and around the Construction area, along haul roads, at stockpiles, and any additional area indicated by the EO/ECO.	**Yes**	**No**	**N/A**	Not required at this stage due to wet weather conditions.
Dowsing, with non-potable water (not including treated effluent or seawater, which may not be used for any activities), is implemented to reduce and control dust fallout.	**Yes**	**No**	**N/A**	As above.
Construction Personnel Information Posters				
Environmental information posters (“dos and don’ts”) have been erected at eating areas and other common areas. Posters are maintained in good condition and replaced if damaged or illegible.	**Yes**	**No**	**N/A**	As above.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Emergency Procedures				
EMS procedures are in place for emergencies and are being followed.	**Yes**	**No**	**N/A**	No emergencies have occurred.
In the event of an emergency, the Overstrand Municipality's Emergency Call Centre has been contacted using the appropriate numbers. Emergency contact numbers, including the local firefighting service, are posted in the Contractor's office and near the onsite telephone, and are retained in the Site file.	**Yes**	**No**	**N/A**	As above.
General Protections in Terms of the National Heritage Resources Act (25 of 1999)				
If any heritage resource is encountered, work is stopped immediately, and the Engineer and ECO are notified. In this case, the Engineer/ECO contacts the relevant Heritage Authority, and work proceeds only upon their approval.	**Yes**	**No**	**N/A**	No heritage resources have been discovered.
A copy of the Record of Decision issued by Heritage Authorities is kept onsite, and The Contractor complies with the heritage management specifics outlined in the EMPr.	**Yes**	**No**	**N/A**	As above.
Protection of Natural Features				
The Contractor does not deface, paint, damage or mark any natural features situated in or around the site for survey or other purposes, unless agreed beforehand with the Engineer, ECO and Landowner.	**Yes**	**No**	**N/A**	Correctly implemented.
Any features affected by the Contractor in shall be restored/rehabilitated to the satisfaction of the ECO and Landowner.	**Yes**	**No**	**N/A**	No natural features have been affected.
Protection of Flora and Fauna				
Vegetation and flora are not removed, damaged, or disturbed except as necessary for the works, as specified by the ECO.	**Yes**	**No**	**N/A**	During overhead cable installation at T4/5 in March 2025, vegetation was brush-cut and not properly treated. Vegetation has since regrown, and the Search and Rescue Specialist will remove the alien vegetation during rehabilitation in 2026. No further clearance of vegetation is required.
A Specialist has identified natural vegetation or rare/endangered flora to be preserved. The Contractor has demarcated these areas as "no-go areas" to protect the flora. Necessary measures have been taken to ensure the protection of identified flora.	**Yes**	**No**	**N/A**	Correctly implemented. Search and Rescue was completed by a Specialist for the pipeline route at T4/5 on 25-02-2025 and 08-05-2025.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Equipment has not been driven across natural vegetation, where possible. Areas of needless vegetation destruction have been reinstated to the standard specified by the ECO.	**Yes**	**No**	**N/A**	The Contractor was not onsite at the time of the inspection.
Trapping, poisoning, shooting, or hunting of animals, including collecting carcasses, is strictly prohibited. No domestic pets or livestock are permitted onsite, and Site staff are prohibited from keeping pets. Measures are in place to keep domestic and native animals from surrounding Landowners safe from unprotected Works.	**Yes**	**No**	**N/A**	No hunting has occurred onsite.
Clearing of Vegetation				
Vegetation clearance is strictly limited to what is required for construction activities. A qualified Botanical Specialist has been appointed to identify and oversee the removal, rescue, and relocation of Species of Conservation Concern (SOCC).	**Yes**	**No**	**N/A**	No further clearance of vegetation is required.
Vegetation clearance has been approved by the Botanical Specialist, in line with the approved EMPr. vegetation clearance is restricted to the exploration camp, approved access routes, and areas where vegetation interferes with construction activities. No undue or unnecessary vegetation removal has occurred.	**Yes**	**No**	**N/A**	As above.
Approved vegetation clearance is undertaken by hand using handheld implements, cutting vegetation at ground level without uprooting. Root structures are not removed or tampered with, and roots are left intact and in situ as far as reasonably possible.	**Yes**	**No**	**N/A**	As above.
No tracked or wheeled mechanised equipment is used for vegetation clearance.	**Yes**	**No**	**N/A**	As above.
Vegetation clearance is conducted in phases to reduce erosion and water pollution. Clearing operations are scheduled to minimise the exposure time of cleared areas before construction starts. Cleared areas are stabilised as soon as possible where necessary.	**Yes**	**No**	**N/A**	As above.
Site clearance activities cease immediately upon encountering fauna. Fauna is safely relocated before activities resume.	**Yes**	**No**	**N/A**	As above.
Vegetation is disposed of at an approved disposal site. Burying or burning of vegetation is strictly prohibited. Cut vegetation is to be disposed of at a licensed landfill facility with slips provided to the ECO.	**Yes**	**No**	**N/A**	No further vegetation disposal has occurred or will be required.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Riparian and Instream Habitat				
No construction activities occur within riparian or wetland habitats.	**Yes**	**No**	**N/A**	Correctly implemented.
Topsoil Management				
Topsoil (up to 300 mm deep, or to bedrock if shallower) and root material from cleared vegetation are stripped for rehabilitation and revegetation. Stripping is done according to the specified depth.	**Yes**	**No**	**N/A**	Topsoil stockpiles have been covered with sufficient netting to prevent desiccation. Topsoil will be returned during rehabilitation of the trenched area at T4/5 in April or May 2026. No further topsoil management is required.
Topsoil is stripped from all areas subject to compaction, as per environmental specifications and ECO direction. Topsoil from different areas is stockpiled separately and returned to its original location, as well as stored separately from subsoil.	**Yes**	**No**	**N/A**	As above.
Topsoil is covered with shade cloth or geofabric to prevent desiccation.	**Yes**	**No**	**N/A**	As above.
Stockpiles are placed on previously disturbed areas or areas with minimal environmental impact. Stockpiles do not exceed 2 m in height and maintain a natural angle of repose.	**Yes**	**No**	**N/A**	As above.
Erosion control measures (e.g., bund walls) are in place to prevent stockpile erosion and compaction. Stockpiles do not obstruct water flow or cause water damming.	**Yes**	**No**	**N/A**	As above.
Topsoil and subsoil are stockpiled separately and reinstated in reverse order. Topsoil is only handled during removal and reinstatement. Replaced soil is compacted and levelled with adjacent areas, especially near watercourses.	**Yes**	**No**	**N/A**	As above.
Erosion and Sedimentation Control				
Any erosion or sedimentation on or off-site has been identified and reported. Rectification measures, as specified by the ECO, have been implemented.	**Yes**	**No**	**N/A**	There is no erosion occurring at T4/5; however, erosion is looked out for.
Any tunnels or erosion channels have been backfilled, compacted, and restored.	**Yes**	**No**	**N/A**	As above.
Cleared areas have been stabilised to prevent erosion, as per ECO's guidance.	**Yes**	**No**	**N/A**	This has not yet been required.
Earthworks Management				
Excavated trenches are demarcated and fenced off as "no-go" areas when no Construction activity is underway. Trenches and excavations are backfilled as soon as possible, ideally during pipeline/cabling laydown.	**Yes**	**No**	**N/A**	The trench at T4/5 is closed. No further earthworks are required.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Open trenches are inspected daily for trapped animals, and any found are safely relocated. Excavation in watercourses/wetlands occurs only in the dry season and is avoided during predicted heavy rains.	**Yes**	**No**	**N/A**	As above.
Soils are appropriately compacted according to the natural soil characteristics of the area to preserve future surface and subsurface drainage through the previously trenched areas.	**Yes**	**No**	**N/A**	As above.
Stockpiles are kept free of weeds throughout construction. Stockpiles are not placed within the 1:20 flood line, within 50 m of wetlands/watercourses, or outside designated areas in construction diagrams.	**Yes**	**No**	**N/A**	As above.
Only backfill material from an approved, alien-free source is used. Backfill is free of foreign matter such as litter, waste, vegetation, and seed stock.	**Yes**	**No**	**N/A**	As above.
Changes in natural gradients due to Construction activities are avoided where possible or mitigated by levelling the slope to the original gradient during rehabilitation.	**Yes**	**No**	**N/A**	As above.
Trenching				
Trenching for services shall be undertaken in accordance with the engineering specifications with the following environmental amplifications.	**Yes**	**No**	**N/A**	The trench at T4/5 has been backfilled and no open sections remain.
A buffer zone must be implemented for each wetland/watercourse and construction within the buffer zone must be restricted to the trench line and working side of the trench.	**Yes**	**No**	**N/A**	Trenching did not occur adjacent or next to a wetland and/or watercourse.
Soil shall be excavated and used for refilling trenches i.e., soil from the first trench shall be excavated and stockpiled, thereafter soil from the second excavated trench length shall be used to backfill the trench behind it once the services have been laid. The last trench shall be filled using the soil stockpiled from the first trench.	**Yes**	**No**	**N/A**	The trench at T4/5 has been backfilled and no open sections remain.
Trench lengths shall be kept as short as practically possible before backfilling and compacting.	**Yes**	**No**	**N/A**	As above.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Trenches shall be re-filled to the same level as (or slightly higher to allow for settlement) the surrounding land surface to minimise erosion.	Yes	No	N/A	The existing trench at T4/5, adjacent to which the pipeline has been laid, was already existing on the property. The Contractor has finished reprofiling the area and the Landowner's trench has been reinstated. This includes installation of stormwater pipes as per the Landowner's original trench and stormwater mitigation measures.
Protection of Watercourses, Waterbodies and Wetlands				
The Contractor ensures that all watercourses and waterbodies are protected from contamination or degradation as a result of their activities, including protection from direct or indirect spills of pollutants.	Yes	No	N/A	No watercourses and/or waterbodies have been contaminated or degraded. It is expected that stormwater (or rainwater runoff) will be silted after flowing through the backfilled area, however, a Freshwater Specialist is monitoring downslope ecosystems for potential impacts.
In the event of a spill, prompt action (as planned and approved in the Emergency Plan Method Statement) is taken to clear the polluted or affected areas, and the Engineer and ECO has been notified immediately.	Yes	No	N/A	Correctly implemented. No spills have occurred in or near watercourses, waterbodies or wetlands.
No activities occur within wetland areas unless necessary, with approval from the Engineer and ECO.	Yes	No	N/A	Correctly implemented.
Stormwater, Runoff Management and General Water Management				
No stormwater containing waste, or water containing waste emanating from Construction activities is discharged into a watercourse or waterbody.	Yes	No	N/A	The Contractor has closed the pipeline trench. The Landowner's trench is finished being reprofiled and the original stormwater mitigations have been reinstated. Stormwater is currently not being diverted but is allowed to run along the original route via the Landowner's trench.
Uncontaminated water is removed from the site by allowing it to seep back into the soil around the site.	Yes	No	N/A	As above.
Suitable control of runoff is ensured during the Construction phase to prevent erosion of topsoil on stockpiles and adjacent land and undeveloped portions of the site. Erosion is monitored, and mitigation measures are implemented including, but not limited to, utilisation of sandbags and berms to prevent water from engrossing on sensitive ecosystems and to focus drainage into soft sands around the site.	Yes	No	N/A	As above.
Clean water and dirty water systems are managed independently and be kept separately.	Yes	No	N/A	Not required at this stage as there are no construction materials present in the water from the trench. Sediments coming from the trench stormwater are considered clean in situ material (soluble soils and clays in solution). Thus the water is considered to be clean.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Erosion and stormwater management measures, such as berms, silt fences, and/or hessian curtains, have been implemented to prevent sedimentation of freshwater features and divert stormwater away from erosion-prone areas. Erosion control measures are being monitored regularly throughout the construction phase to ensure effectiveness.	**Yes**	**No**	**N/A**	Stormwater is currently not being diverted but is allowed to seep into the soil where the trench has been backfilled. The stormwater is now running in the original Landowner's trench as it was prior to construction.
Stormwater is directed towards stabilised areas to dissipate the energy of water flow. No ponding of stormwater is occurring on the site. Stormwater is confined to a dedicated stormwater channel on the Site. Stormwater from bunded areas is collected in a suitable container for proper disposal off-site.	**Yes**	**No**	**N/A**	As above.
Increased runoff from vegetation clearance and/or soil compaction is being managed to prevent erosion and silt entry into streams.	**Yes**	**No**	**N/A**	As above.
Temporary Site Closure				
In the event of temporary site closure (for a period exceeding one week), the Contractor's ESO shall carry out checks and report on compliance to the ECO.	**Yes**	**No**	**N/A**	The pipeline section of T4/5 is complete and will be temporarily closed until the Contractor returns to reprofile the wet section. See ECO Inspection Report dated 17-09-2025 for final photographs.
Fire extinguishers are serviced and accessible.	**Yes**	**No**	**N/A**	Not required for the temporary closure of the pipeline section of T4/5.
There is adequate ventilation in enclosed spaces.	**Yes**	**No**	**N/A**	As above.
All hazardous substance stores are securely locked.	**Yes**	**No**	**N/A**	As above.
Fencing and barriers are in place.	**Yes**	**No**	**N/A**	As above.
Emergency and management contact details are prominently displayed and available.	**Yes**	**No**	**N/A**	As above.
Wind and dust mitigation measures e.g., straw, brush packs, irrigation, etc. are in place.	**Yes**	**No**	**N/A**	As above.
Excavated and filled slopes and stockpiles are at a stable angle and capable of accommodating normal expected water flows.	**Yes**	**No**	**N/A**	As above.
There are sufficient detention ponds or channels in place.	**Yes**	**No**	**N/A**	As above.
Cement and materials stores are secured.	**Yes**	**No**	**N/A**	As above.
Toilets are empty, secured, and lockable.	**Yes**	**No**	**N/A**	As above.
Central waste area and all refuse bins are empty and secured.	**Yes**	**No**	**N/A**	As above.
Contaminated water conservancy tank empty.	**Yes**	**No**	**N/A**	As above.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Any bunded areas are clean and treated with an approved product where applicable (e.g., Spill Sorb or Enretech #1 Powder or equivalent).	**Yes**	**No**	**N/A**	As above.
Drip trays are empty and secure.	**Yes**	**No**	**N/A**	As above.
Excavations should not be left open during temporary closures. If an excavation must remain open during temporary closure, then someone must check the excavation on a regular basis for the presence of animals and for the need to de-water (especially after rainfall).	**Yes**	**No**	**N/A**	As above.
Demolition and Removal of Structures				
The Contractor demolishes and removes from site everything not forming part of the Permanent Works, prior to landscaping and rehabilitation.	**Yes**	**No**	**N/A**	Everything not forming part of the Permanent Works will be removed from T4/5 once the fence has been erected.
All material generated from the demolition and removal of structures from site are appropriately disposed of if not reused. All incidental excavations are refilled and adequately compacted and rehabilitated.	**Yes**	**No**	**N/A**	As above.

The responsible personnel shall identify the root cause of Non-Compliance found and adopt the appropriate Corrective and Preventive Actions for mitigation measures. Confirmation of the effectiveness of the Corrective and Preventive Actions shall be verified by the ECO and approved by the Overstrand Municipality within an agreed time.



(Environmental Control Officer: Melissa Weeks)

Date: 01-10-2025

ENVIRONMENTAL SITE INSPECTION

Revision 1

Project and Site Information			
Date	13-10-2025	**Site Location**	HAV1 Repl.: -34.398490°; 19.209445° T4/5: -34.375420°; 19.246203°
Time	10:30	**Site Owner**	HAV1 Repl.: Overstrand Municipality T4/5: Bouchard Finlayson Winery
Project Title	972 – Hemel en Aarde Expansion	**Inspected By**	ECO Melissa Weeks
Contract	SC2504_2024 Civil, Mechanical & Electrical	**Stage / Status during Inspection**	HAV1 Repl.: Work at HAV1 Repl. is complete and the site has been closed. See ECO Inspection Report dated 08-09-2025 for final photographs. T4/5: Fencing is complete at T4/5. The site will be temporarily closed until the Contractor returns to reprofile the wet area along the pipeline section later in the year. **This ECO Inspection Report speaks to T4/5 only.**
Corresponding Method Statement	Environmental Method Statement: Supply and Install Mechanical, Electrical and Civil Borehole Hermanus	**Environmental Method Statement Date**	17-02-2025

Summary of Non-Compliance Issues

Site / Area	Aspect	Date Identified	Date Corrected	Action Taken
T4/5	The drip tray beneath the excavator onsite is broken and needs to be replaced.	14-03-2025	03-04-2025	The Contractor was requested to obtain a new drip tray.
	The excavator arm is leaking oil, which is currently dripping onto the excavator itself rather than the ground. However, the ground beneath is not protected by a drip tray, creating a risk of contamination if the oil starts to drip further.	14-03-2025	03-04-2025	Although no oil had spilled, the Contractor was instructed to place a drip tray beneath the excavator arm as a precaution and to repair the leak or remove the machine. On 20-03-2025, the ECO noted a drip tray in place under the arm, and on 27-03-2025, a cloth was used to temporarily stop the oil from dripping
HAV1 Repl. & T4/5	There are no bins onsite.	14-03-2025	25-04-2025	The Contractor was requested to obtain bins for general, hazardous and recycling waste.
T4/5	There are no environmental (“dos and don’ts”) posters/signs on display at the site camp.	14-03-2025	27-03-2025	The Contractor was requested to display an environmental awareness poster.
HAV1 Repl.	There is no smoking area defined onsite.	20-03-2025	27-03-2025	The Contractor was requested to set up a smoking area with a nearby fire extinguisher.

Summary of Non-Compliance Issues				
Site / Area	**Aspect**	**Date Identified**	**Date Corrected**	**Action Taken**
	Partial Compliance. There is no defined eating area for staff onsite.	20-03-2025	10-04-2025	The Contractor was requested to define an eating area onsite.
	Partial Compliance. The toilet is latched from the outside to prevent animals from entering but is not secured to prevent toppling.	20-03-2025	03-04-2025	The Contractor was requested to secure the toilet to the ground.
	There were no fire extinguishers onsite.	20-03-2025	27-03-2025	The Contractor was requested to take a fire extinguisher from the site camp to HAV1 Repl. every time they are working onsite.
HAV1 Repl. & T4/5	The working area at HAV1 Repl. has been demarcated with danger tape, but T4/5 has not been.	27-03-2025	03-04-2025	The Contractor was requested to demarcate the working area using temporary fencing.
	Disposal of both general waste and brush-cut alien vegetation has been completed. The Contractor reported that no disposal slips were issued by the municipal facilities.	03-04-2024	08-04-2025	The ECO visited the municipal facility to enquire about proof of disposal for the alien vegetation. Staff explained that they do not typically provide official stamps or signatures. However, a logbook of incoming vehicle registration plates is maintained. The ECO has requested that, if permitted, the Contractor take a photo of the logbook showing their vehicle's entry. The general waste facility does issue disposal slips when vehicles go over the weighbridge. If not, staff are usually willing to sign a slip provided by the Contractor. On 08-04-2025 the Contractor confirmed that they had attempted to obtain a disposal slip for the waste that had already been offloaded. However, the facility would not issue a slip retrospectively. Going forward, the Contractor has been instructed to use the weighbridge to ensure proper disposal documentation is provided.
HAV1 Repl.	An oily fuel drum has been used for staff to store their lunch bags. It is unclear whether the oil was present beneath the bags during the inspection on 10-04-2025.	17-04-2025	24-04-2025	The Contractor was requested to immediately remove the oily drum from site and place it in the container at site camp.
	Partial Compliance. Two small cement spills have been observed at HAV1 Repl.	17-04-2025	22-04-2025	The Contractor was requested to pick these up and place them with the excess rubble that is stored on a plastic sheet adjacent to the pumphouse for disposal.
	A small amount of litter was seen around the site area.	29-04-2025	29-04-2025	The Contractor immediately cleaned up the litter.

Summary of Non-Compliance Issues				
Site / Area	**Aspect**	**Date Identified**	**Date Corrected**	**Action Taken**
Site Camp	Partial Compliance. The Contractor does not have a copy of the MSDS for Bricure (cement sealant) onsite.	08-05-2025	29-05-2025	The Contractor was requested to obtain a copy of this MSDS for the site file. The ECO tried finding this online but was unsuccessful.
HAV1 Repl.	Partial Compliance. A section of the barrier fence around the site has blown over.	19-05-2025	05-06-2025	The Contractor was requested to reinstate the barrier fence. Note: on the 29-05-2025 a section of the barrier fence has been removed. The Contractor was requested to reinstate the barrier fence.
	Partial Compliance. The toilet onsite is secured to the ground but not latched.	19-05-2025	29-05-2025	The Contractor was requested to ensure that the toilets onsite are always latched closed to prevent animals from entering.
T4/5	The Contractor has separated the topsoil from the subsoil but has not demarcated the topsoil.	19-05-2025	29-05-2025	The Contractor was requested to cover topsoil with netting to ensure it is kept separate from subsoil and not mistakenly used as such.
	Partial Compliance. Topsoil has not yet been cleared along the pipeline route in some areas where the excavators are operating. If not removed promptly, it is at risk of becoming compacted.	19-05-2025	29-05-2025	The Contractor was instructed to remove the topsoil along the excavator route before excavation work continues.
	Topsoil stockpiles have not been covered with netting.	19-05-2025	30-06-2025	The ECO requested netting be placed over topsoil stockpiles for demarcation and to prevent erosion. 05-06-2025: Majority of the topsoil stockpiles have been covered with shade cloth, but not all.
	Some sections of the barrier tape have been buried by subsoil stockpiles which have been placed outside of the demarcated area.	29-05-2025	13-06-2025	The Contractor was requested to reinstate the danger tape.
	One generator onsite was correctly placed inside a drip tray, while the other was not. Additionally, the crane truck did not have any drip trays beneath it.	29-05-2025	05-06-2025	The Contractor was instructed to ensure that all generators are placed inside drip trays and not directly on the ground, and that all vehicles have appropriate drip trays positioned underneath them.
	Subsoil stockpiles have been placed outside of the demarcated area on top of vegetation.	05-06-2025	08-08-2025	The Contractor was requested to seek advice from the Rehabilitation Specialist on how to remove the soil without damaging the underlying vegetation. Note: The Contractor has been instructed by the Rehabilitation Specialist to remove the subsoil by hand to prevent damage to vegetation and topsoil.

Summary of Non-Compliance Issues				
Site / Area	**Aspect**	**Date Identified**	**Date Corrected**	**Action Taken**
	The majority of the trench remains open due to time constraints and the approaching rainy season, which has made it difficult for the Contractor to complete trenching and backfilling in smaller sections as outlined in the EMS.	05-06-2025	03-07-2025	The Contractor is making a consistent effort to comply with all other EMS conditions and continue work responsibly under the circumstances.
	The large excavator onsite is leaking oil from underneath onto a plastic sheet. This is a new leak and unrelated to the leak identified on 14-03-2025. No evidence of spills beneath the sheet are evident.	13-06-2025	03-07-2025	The Contractor was requested to repair the excavator or remove it from site. 19-06-2025: A small amount of oil dripped outside of the plastic area onto the ground despite the excavator being repaired. The small spill was immediately picked up. The Contractor was requested to repair the excavator again. 26-06-2025: A small oil spill occurred beneath the excavator due to leftover oil from recent repairs and the absence of a drip tray. The Contractor was instructed to clean the machine and carry out further repairs to identify and stop the leak.
	Partial Compliance. A small amount of cement spilled outside the shuttering.	13-06-2025	19-05-2025	The Contractor was requested to wait for the cement to dry and then pick it up and dispose of it as rubble.
Site Camp	The Electrical Contractor was to be inducted by the primary Contractor ahead of the installation of the electrical boxes. When the Contractor was asked to provide the ECO with an induction register, none could be provided.	03-07-2025	11-07-2025	The Contractor was requested to induct the Electrical Contractor and provide the ECO with a copy of the attendance register.
T4/5	Partial Compliance. The plastic beneath the small excavator had blown out from beneath the machine. The large excavator had drip trays beneath it, however, they were full of rainwater.	03-07-2025	11-07-2025	The Contractor was not onsite at the time of the inspection but was requested to rectify.
HAV1 Repl.	Partial Compliance. The security guard is smoking inside the hut, however, the cigarette buds are not being placed into the provided bin but rather on the ground outside the hut.	11-07-2025	18-07-2025	The security guard was requested to pick up the buds and place them in the bin.
T4/5	The large excavator onsite is leaking oil into a drip tray.	18-07-2025	31-07-2025	The Contractor was requested to fix the excavator or remove it from site.
	Some sections of barrier fencing are broken along the trench working area.	18-07-2025	08-08-2025	The Contractor was requested to reinstate the fencing.

Summary of Non-Compliance Issues				
Site / Area	**Aspect**	**Date Identified**	**Date Corrected**	**Action Taken**
	The TLB onsite was observed driving inside of the “no-go” area to dump material for backfilling. Fortunately, the ECO observed this on the first load of material and the vegetation was left slightly trampled but not damaged.	25-07-2025	31-07-2025	The TLB driver was instructed to only drive within the working area.
	Partial Compliance. Some topsoil stockpiles are no longer sufficiently covered with netting.	25-07-2025	13-08-2025	The Contractor was requested to re-cover the topsoil stockpiles.
HAV1 Repl.	Partial Compliance. The Fencing Contractor did not have a drip tray beneath the generator onsite, only some wooden boards.	31-07-2025	28-08-2025	The Contractor was requested to obtain a drip tray. 08-08-2025: This item will remain open as the Fencing Contractor will return to T4/5 to install a fence.
	The Contractor was mixing cement for the fence post foundations inside a wheelbarrow but with no mitigation measures beneath.	31-07-2025	28-08-2025	The Contractor was requested to mix cement with plastic beneath the mixing area to prevent spillage. 08-08-2025: This item will remain open as the Fencing Contractor will return to T4/5 to install a fence.
	A large amount of litter was observed around the site area.	08-08-2025	28-08-2025	The Contractor was requested to remove the litter.
	Minor cement spills were observed around the foundations of the fence posts.	08-08-2025	22-08-2025	The Contractor was requested to pick up the cement which has spilled outside the foundations.
	The waste bin onsite is overflowing and not secured to prevent animals from accessing it.	08-08-2025	13-08-2025	The Contractor was requested to empty the bin and secure it to prevent animals from accessing it.
T4/5	The Contractor did not have a drip tray beneath an oil container and two jerry cans of fuel.	08-08-2025	13-08-2025	The Contractor was requested to ensure that all hazardous chemics were stored on drip trays onsite.
	The Contractor was seen mixing cement on the bare ground with no plastic or boards beneath. The cement is highly alkaline and without proper remediation no plants will grow back in the area following rehabilitation.	08-08-2025	08-08-2025	The Contractor was instructed to immediately dig up the area where the cement was being mixed. The spoil was to be used at backfill for the breather manholes, followed by subsoil to prevent contamination with topsoil.
	Partial Compliance at T4/5. The bin onsite is lockable but was not locked at the time of the inspection.	22-08-2025	28-08-2025	The Contractor was requested to rectify this.
	A small cleanup is required at T4/5 where cement was mixed onsite.	28-08-2025	03-09-2025	The Contractor was requested to rectify this.
	There is no firefighting equipment onsite at the site camp at T4/5.	28-08-2025	25-09-2025	The Contractor was requested to bring a valid fire extinguisher back to site.

Summary of Non-Compliance Issues				
Site / Area	**Aspect**	**Date Identified**	**Date Corrected**	**Action Taken**
	There is some litter around the site camp area at T4/5.	28-08-2025	03-09-2025	The Contractor has been requested to rectify this.
	There were no drip trays beneath the machinery parked onsite.	03-09-2025	08-09-2025	The Contractor has been requested to rectify this.
	A copy of the EMS, the BAR and the EA are not available in the site file.	03-09-2025	17-09-2025	The Contractor has been requested to bring the site file back to site while site closure is underway.
	No bins present onsite.	03-09-2025	17-09-2025	The Contractor has been requested to bring a lockable bin back to site while site closure is underway.
	The Road Rehabilitation Contractor has not been inducted by the Engineering Contractor and as such are not aware of environmental requirements and controls.	03-09-2025	08-09-2025	The Contractor was requested to do training.
	No spill kit is currently onsite.	03-09-2025	17-09-2025	The Contractor has been requested to bring the spill kit back to site while site closure is underway.
	Two hydrocarbon spills were observed by the ECO during the site inspection on the ground where the TLB parks overnight despite there being a drip tray present.	08-09-2025	08-09-2025	The Contaminated soil was picked up by the Civils Contractor.
	The Fencing Contractor does not have a copy of the EMS onsite.	25-09-2025	01-10-2025	The Contractor was informed that a copy of the EMS is required in the safety file at all times.
	The Fencing Contractor was observed mixing cement in a wheelbarrow without ground protection.	25-09-2025	01-10-2025	The Contractor was requested to place plastic beneath the wheelbarrow.
	There are no ablution facilities onsite.	25-09-2025	01-10-2025	The Contractor was requested to get a toilet onsite as soon as possible.
	Two spills were observed in the road adjacent to the pumphouse.	01-10-2025	09-10-2025	The Contractor was requested to dig up the spills and dispose of them as hazardous waste.
	There was a large amount of litter both in the fence boundary of the pump house and in the road adjacent.	01-10-2025	13-10-2025	The Contractor was requested to pick up the litter and dispose of it as general waste.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
General				
Is the overall appearance of the site visually acceptable and tidy?	**Yes**	**No**	**N/A**	Correctly implemented at T4/5.
 **13-10-2025, 12:30 – The fence has been completed at T4/5 and the site has been temporarily closed.**				
A copy of the EMS will always be available onsite in the site file.	**Yes**	**No**	**N/A**	T4/5 is temporarily closed. The Contractor is not onsite. See section "Temporary Site Closure" below.
Environmental Awareness Training				
The Contractor ensures that all employees, and those of their Sub-Contractor, attend an Environmental Awareness Training Course (EATC), conducted by the ECO. The training will cover key environmental features of the working area, its surroundings, and the environmental controls outlined in this specification.	**Yes**	**No**	**N/A**	An EATC was given to staff on the 24-02-2025 at the Contractor's offices. Further training has been given by the ECO to local labour and/or Subcontractors onsite on the 20-03-2025, 03-04-2025, 12-05-2025, 19-05-2025, 29-05-2025, 03-07-2025, 18-07-2025, 25-07-2025, and 31-07-2025.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
The initial EATC shall be held within 28 days from the Commencement Date, and subsequent courses shall be arranged for new employees coming onto Site after the initial training course. Provision shall also be made for refresher courses to be undertaken on a quarterly basis during the Contract.	**Yes**	**No**	**N/A**	No further training required at this stage.
The Contractor provides proof of attendance by all their employees in the form of a signed attendance register for each session. All environmental training registers are kept on file.	**Yes**	**No**	**N/A**	As above.
Site Division, Demarcation and "No-Go" Areas				
The location, layout and establishment of the Contractors camp shall be approved by the ECO prior to the start of establishment.	**Yes**	**No**	**N/A**	T4/5 is temporarily closed. The Contractor is not onsite. See section "Temporary Site Closure" below.
The Contractor restricts all their activities, materials, plant equipment and personnel to within the Site or any working areas specified or indicated on the drawings.	**Yes**	**No**	**N/A**	As above.
Permanent and/or temporary fences have been erected and maintained in the locations specified in the Scope of Work or drawings, and, if specified, before the commencement of any construction activities.	**Yes**	**No**	**N/A**	As above.
Where environmentally sensitive areas are specified as "no-go" areas, no person, plant, equipment, or material shall enter these areas at any time, in accordance with the Contractor's authority.	**Yes**	**No**	**N/A**	As above.
Access Routes/Haul Roads				
The Contractor controls the movement of all vehicles and construction equipment, including those of suppliers and subcontractors, ensuring they remain on designated routes and are distributed to prevent undue traffic concentration. All vehicle and equipment movement complies with relevant laws. The movement of such vehicles and construction equipment is planned and operated to minimise disruption to regular users of the routes.	**Yes**	**No**	**N/A**	T4/5 is temporarily closed. The Contractor is not onsite. See section "Temporary Site Closure" below.
As far as possible the Contractor uses existing access and haul routes.	**Yes**	**No**	**N/A**	As above.
Any damage to existing access roads caused by construction activities has been repaired to the satisfaction of the Engineer using material similar to the original. The cost of repairs has been covered by the Contractor.	**Yes**	**No**	**N/A**	As above.

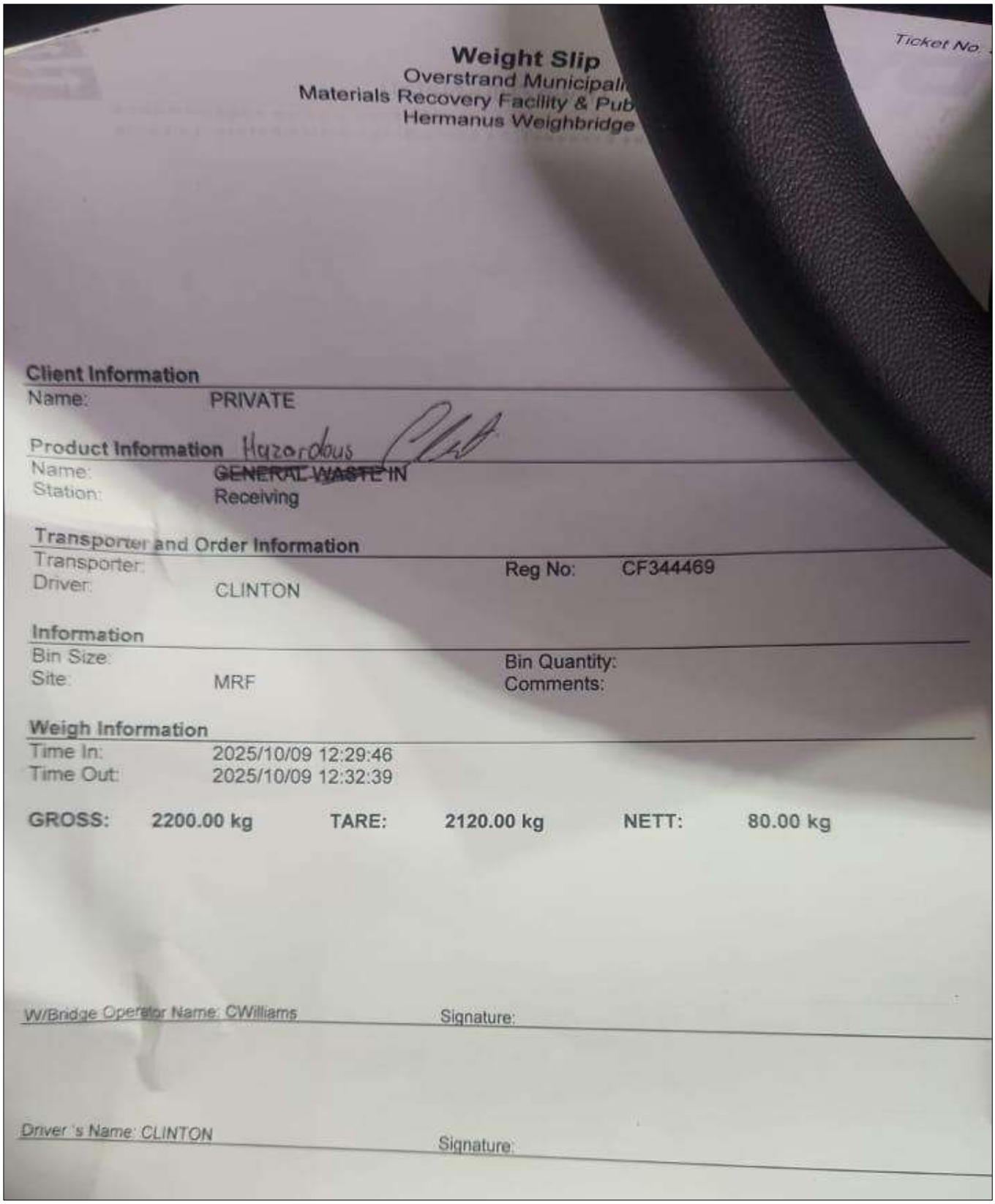
Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
No new access roads or tracks have been constructed without the Landowner's consent.	Yes	No	N/A	As above.
Where new routes are required to gain site access, prior approval from the Engineer and ECO have been obtained. New access routes disturb the smallest possible area, avoid all "no-go" areas, and follow natural contours where possible.	Yes	No	N/A	As above.
Vehicle trips have been kept to a minimum to reduce vegetation damage, and all equipment has remained on the demarcated access route.	Yes	No	N/A	As above.
All directional signage for vehicle and equipment movement required by the Contractor, their Subcontractors or Suppliers is of an approved design and located as approved by the Engineer.	Yes	No	N/A	As above.
Eating Areas				
The Contractor has designated eating areas within the approved camp.	Yes	No	N/A	T4/5 is temporarily closed. The Contractor is not onsite. See section "Temporary Site Closure" below.
The feeding of, or leaving of food for, animals is strictly prohibited.	Yes	No	N/A	As above.
Sufficient bins are provided in specified areas, and lockable bins are used where required to prevent animal access (especially baboons).	Yes	No	N/A	As above.
Any cooking onsite is done on well-maintained gas cookers with valid fire extinguishers present. No open fires for cooking purposes are permitted under any circumstances.	Yes	No	N/A	As above.
Materials Handling, Use and Storage				
The Contractor shall ensure that any delivery drivers and visitors to site are informed of all procedures and restrictions. A visitor's register has been kept on file.	Yes	No	N/A	T4/5 is temporarily closed. The Contractor is not onsite. See section "Temporary Site Closure" below.
Materials shall be appropriately secured to ensure safe passage between destinations. Loads, will be secured appropriately to prevent them spilling from the vehicle during transit.	Yes	No	N/A	As above.
The Contractor shall be responsible for any clean up resulting from the failure by their Employees or Suppliers to properly secure transported materials.	Yes	No	N/A	As above.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
All manufactured and/or imported materials shall, where reasonably possible, be stored within the Contractor's camp and, if so required by the Engineer/ECO, out of the rain.	**Yes**	**No**	**N/A**	As above.
The location and method of protection of such materials stored outside of the Contractor's camp and the method of rehabilitation of these areas, shall be subject to the Engineer/ECO's approval. Stockpile areas shall be approved by the Engineer/ECO before any stockpiling commences.	**Yes**	**No**	**N/A**	As above.
Handling, Use and Storage of Hazardous Substances				
Surfaces where hydrocarbon spills may occur are adequately prepared to prevent pollution.	**Yes**	**No**	**N/A**	T4/5 is temporarily closed. The Contractor is not onsite. See section "Temporary Site Closure" below.
The ECO has been informed of all hazardous substances stored onsite, and MSDSs have been provided.	**Yes**	**No**	**N/A**	As above.
Hazardous substances are stored in an appropriate area, in leak proof containers which are correctly labelled. Bunding the area will be required if necessary, as per the ECO.	**Yes**	**No**	**N/A**	As above.
Spills are immediately contained, the source is isolated, and the spillage is removed. Cleanup is conducted by applying absorbent material or by removing contaminated soil.	**Yes**	**No**	**N/A**	Two spills were observed in the road adjacent to the pumphouse. These were picked up by the Contractor on the 10-10-2025.
Treatment or remediation of the spill is done to the satisfaction of the ECO, with waste disposed of at a licensed facility and disposal slips provided to the ECO.	**Yes**	**No**	**N/A**	Correctly implemented. The spills were dug up by the Contractor and taken for disposal. See slip below.



(a)

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)



Weight Slip
Overstrand Municipali
Materials Recovery Facility & Pub
Hermanus Weighbridge

Ticket No.

Client Information
Name: PRIVATE

Product Information Hazardous
Name: ~~GENERAL WASTE IN~~
Station: Receiving

Transporter and Order Information
Transporter:
Driver: CLINTON
Reg No: CF344469

Information
Bin Size:
Site: MRF
Bin Quantity:
Comments:

Weigh Information
Time In: 2025/10/09 12:29:46
Time Out: 2025/10/09 12:32:39

GROSS: 2200.00 kg TARE: 2120.00 kg NETT: 80.00 kg

W/Bridge Operator Name: CWilliams Signature:

Driver 's Name: CLINTON Signature:

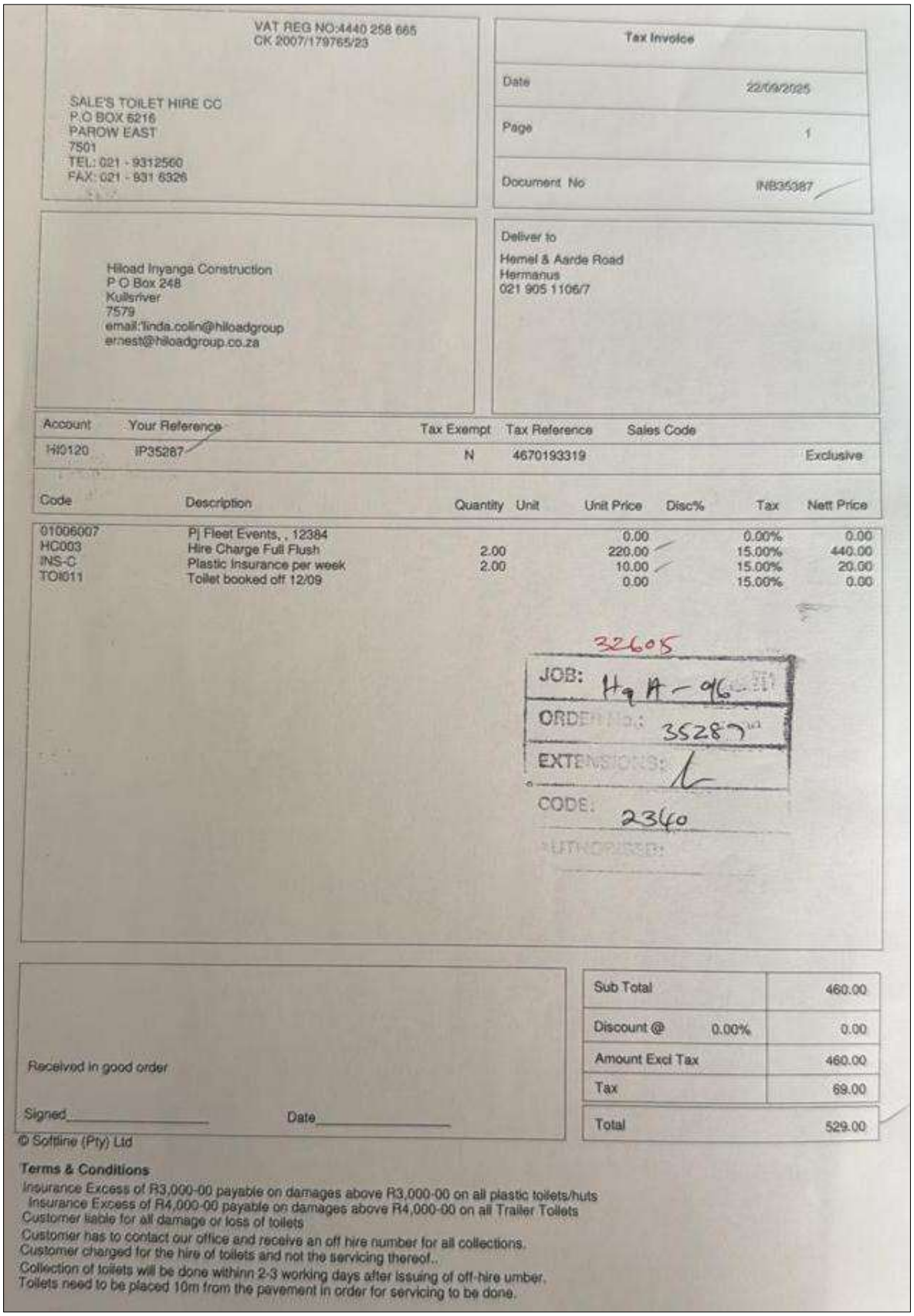
(b) 13-10-2025, 10:30 – The spills from the 10-10-2025 were dug up by the Contractor (a). Following which, a disposal slip was provided to the ECO (b).

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Hydrocarbon Management (Fuels, Oils and lubricants)				
Hydrocarbon storage area is located where it does not pose a risk to sensitive ecosystems and or traffic and staff safety.	**Yes**	**No**	**N/A**	T4/5 is temporarily closed. The Contractor is not onsite. See section "Temporary Site Closure" below.
Surfaces, where the possibility of hydrocarbon spillage exists, are prepared in such a way as to mitigate these risks.	**Yes**	**No**	**N/A**	As above.
Drip trays are placed under all parked or stationary plant/vehicles/machinery, and these containers are inspected to ensure no leakage occurs.	**Yes**	**No**	**N/A**	As above.
Diesel/fuel is stored in sound storage tanks or in bowsers, and the tanks/bowsers are placed within a bunded area or on an area where the ground has been protected.	**Yes**	**No**	**N/A**	As above.
A spill kit is available on-site at all times, and unauthorized access to the fuel storage area is prevented.	**Yes**	**No**	**N/A**	As above.
No smoking is permitted near the fuel storage area.	**Yes**	**No**	**N/A**	As above.
The Contractor has ensured that there is adequate fire-fighting equipment at the fuel stores.	**Yes**	**No**	**N/A**	As above.
Fuel containers are secured during transport.	**Yes**	**No**	**N/A**	As above.
The surface under the refuelling area is protected against pollution to the ECO's satisfaction prior to refuelling activities. Equipment is refuelled with the use of drip trays.	**Yes**	**No**	**N/A**	As above.
Plant				
Equipment selection and operation are done with environmental degradation minimized, and equipment operators are made aware of environmental requirements and controls. Environmental training registers are kept on file onsite.	**Yes**	**No**	**N/A**	T4/5 is temporarily closed. The Contractor is not onsite. See section "Temporary Site Closure" below.
Equipment Maintenance and Storage				
Leaking equipment or vehicles emitting noticeably excessive fumes are repaired immediately or removed from Site.	**Yes**	**No**	**N/A**	T4/5 is temporarily closed. The Contractor is not onsite. See section "Temporary Site Closure" below.
Vehicles and machinery are serviced off-site, or if onsite maintenance is necessary, it is done outside sensitive areas, with prior approval from the Engineer and ECO. Portable drip trays on plastic are used to collect waste oil and lubricants to prevent environmental contamination.	**Yes**	**No**	**N/A**	As above.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Drip trays are provided in construction areas for stationary/parked equipment, inspected and emptied daily, and monitored during rain events to prevent overflow. The Contractor ensures that equipment is covered so that rainwater is excluded from the drip trays.	**Yes**	**No**	**N/A**	As above.
Oil from drip trays is stored in clean drums on protected ground and removed regularly to an oil-recycling centre. Proof of disposal is kept on file onsite.	**Yes**	**No**	**N/A**	As above.
Washing of equipment onsite is strictly prohibited.	**Yes**	**No**	**N/A**	As above.
Cement and Concrete Batching				
Batching will only occur in areas which are located on a smooth impermeable surface (concrete or 250 pm plastic) and cement is batched (mixed) in a bunded area within the boundaries of the development footprint.	**Yes**	**No**	**N/A**	T4/5 is temporarily closed. The Contractor is not onsite. See section “Temporary Site Closure” below.
Cement is stored within weatherproof facilities/covered to prevent environmental contamination.	**Yes**	**No**	**N/A**	As above.
All wastewater resulting from batching of cement/concrete is disposed of via the contaminated water management system and is not discharged into the environment.	**Yes**	**No**	**N/A**	As above.
Waste water from cement/concrete works and tool washing will be directed into a sump lined with bidim.	**Yes**	**No**	**N/A**	As above.
Once work is complete the bidim sump will be removed and the waste material will be disposed of at a licenced facility.	**Yes**	**No**	**N/A**	A bidim sump was not required for the duration of the work.
Diversion berms are installed to direct contaminated water to a storage area, and contaminated water storage areas are protected from overflow, rain, and flooding.	**Yes**	**No**	**N/A**	T4/5 is temporarily closed. The Contractor is not onsite. See section “Temporary Site Closure” below.
Sand, aggregate, cement or additives used during the mixing process are stored and appropriately and to prevent contamination of the surrounding environment.	**Yes**	**No**	**N/A**	As above.
Empty cement bags are stored in weatherproof containers to prevent contamination and are disposed of regularly through the hazardous waste management system.	**Yes**	**No**	**N/A**	As above.
Reasonable measures are taken by the Contractor to prevent cement/concrete spillage during batching and construction. The ground beneath the shoots of cement trucks shall be protected with plastic sheeting.	**Yes**	**No**	**N/A**	As above.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Spoiled or excess aggregate/cement/concrete is removed and disposed of through the solid waste management system, with a disposal certificate retained in the site file.	**Yes**	**No**	**N/A**	See section "Solid Waste Management, Litter and Refuse" for final disposal slip below.
Ablution and Toilet Facilities				
Washing, defecating, and urinating are only permitted at designated facilities.	**Yes**	**No**	**N/A**	T4/5 is temporarily closed. The Contractor is not onsite. See section "Temporary Site Closure" below.
Ablution facilities, including shelter, toilets, and washing facilities, are provided by the Contractor for all personnel onsite. Toilet facilities are provided at a ratio of at least 1 toilet per 30 workers (1:15 preferred).	**Yes**	**No**	**N/A**	As above.
Toilet facilities are located within the Contractor's camp, but also at work areas remote from the camp, all to the satisfaction of the ECO.	**Yes**	**No**	**N/A**	As above.
All portable toilets are adequately secured to the ground to prevent them toppling over because of wind or any other cause, and latched closed to prevent fauna getting in.	**Yes**	**No**	**N/A**	As above.
The Contractor has ensured that the entrances to these toilets are maintained in a hygienic state, serviced regularly, that no spillage occurs when they are cleaned and that contents are removed from Site.	**Yes**	**No**	**N/A**	Correctly implemented. Final toilet service slip received for work completed in August and September.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)



VAT REG NO:4440 258 665
CK 2007/179765/23

SALE'S TOILET HIRE CC
P.O BOX 6216
PAROW EAST
7501
TEL: 021 - 9312560
FAX: 021 - 931 6526

Tax Invoice

Date 22/09/2025

Page 1

Document No INB35387

Hiload Inyanga Construction
P O Box 248
Kuilsriver
7579
email:linda.colin@hiloadgroup
ernest@hiloadgroup.co.za

Deliver to
Hemel & Aarde Road
Hermanus
021 905 1106/7

Account	Your Reference	Tax Exempt	Tax Reference	Sales Code	
HI0120	IP35287	N	4670193319		Exclusive

Code	Description	Quantity	Unit	Unit Price	Disc%	Tax	Nett Price
01006007	P| Fleet Events, , 12384			0.00		0.00%	0.00
HC003	Hire Charge Full Flush	2.00		220.00		15.00%	440.00
INS-C	Plastic Insurance per week	2.00		10.00		15.00%	20.00
TOI011	Toilet booked off 12/09			0.00		15.00%	0.00

32605
JOB: Hq A - 96
ORDER NO.: 35287
EXTENSIONS: L
CODE: 2340
AUTHORISED:

Received in good order

Signed _____ Date _____

Sub Total		460.00
Discount @	0.00%	0.00
Amount Excl Tax		460.00
Tax		69.00
Total		529.00

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Terms & Conditions

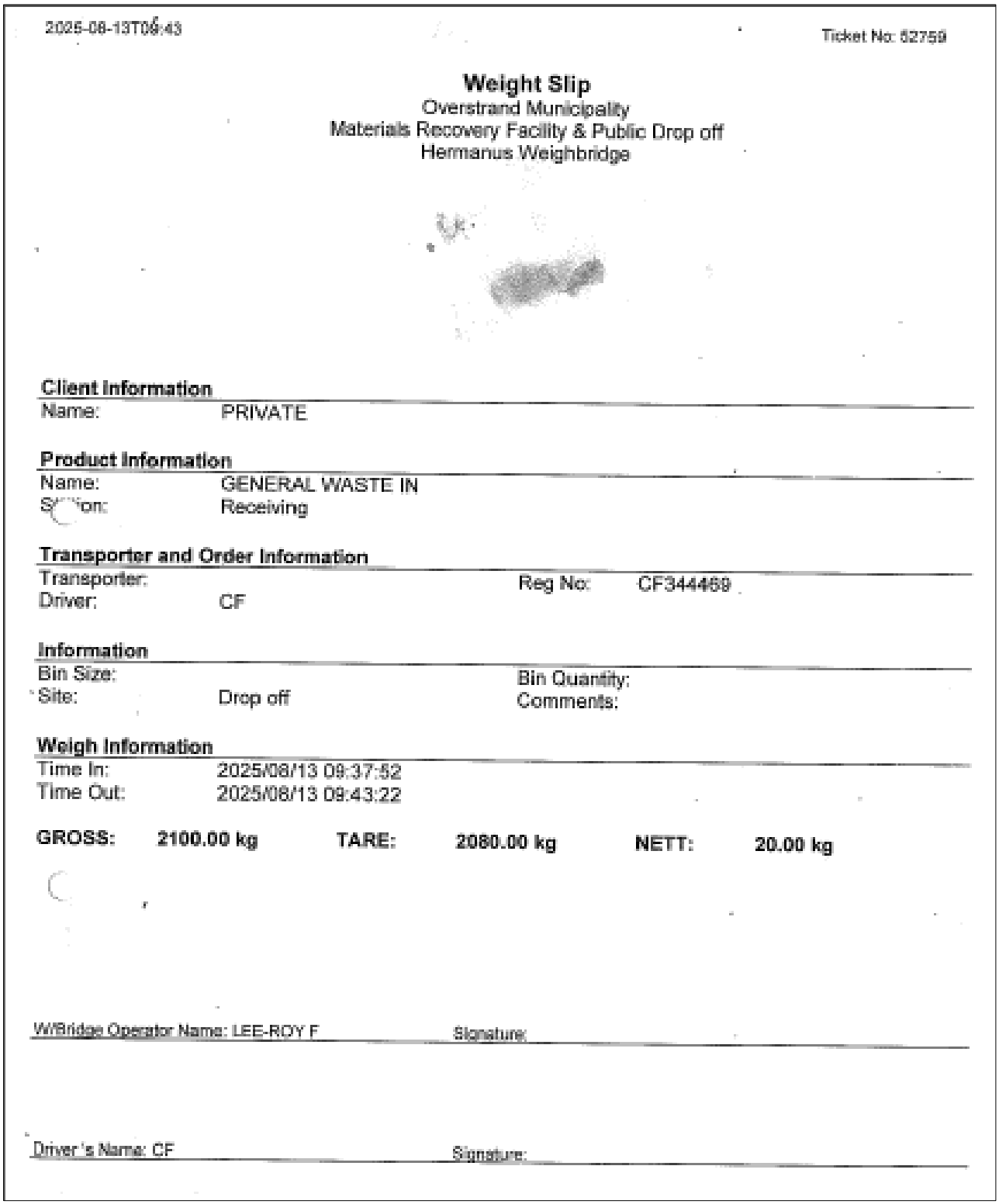
Insurance Excess of R3,000-00 payable on damages above R3,000-00 on all plastic toilets/huts
Insurance Excess of R4,000-00 payable on damages above R4,000-00 on all Trailer Toilets
Customer liable for all damage or loss of toilets
Customer has to contact our office and receive an off hire number for all collections.
Customer charged for the hire of toilets and not the servicing thereof..
Collection of toilets will be done withinn 2-3 working days after issuing of off-hire umber.
Toilets need to be placed 10m from the pavement in order for servicing to be done.

03-10-2025, 11:30 – Final slip received for toilet servicing.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Discharge of waste from toilets into the environment and burial of waste is strictly prohibited.	Yes	No	N/A	No waste from toilets has been buried.
No ablution facilities are located closer than 50 m to any watercourse, wetland or other surface water body.	Yes	No	N/A	T4/5 is temporarily closed. The Contractor is not onsite. See section "Temporary Site Closure" below.
Water Use				
Water is conserved wherever possible, with efforts to minimize usage and immediate attention given to any wastage.	Yes	No	N/A	T4/5 is temporarily closed. The Contractor is not onsite. See section "Temporary Site Closure" below.
Water for potable use is sourced from a legal source, and the Contractor absolves the Employer of all risk or liability regarding compliance with relevant statutory obligations.	Yes	No	N/A	As above.
Water is not abstracted from private property without the prior written approval of the Landowner.	Yes	No	N/A	As above.
Only non-potable water from an approved source is used for construction activities such as dust suppression, etc.	Yes	No	N/A	As above.
Water for construction purposes is bought to site in bowsers and stored in appropriately if required.	Yes	No	N/A	As above.
The Contractor ensures that the re-use of construction water is maximised.	Yes	No	N/A	As above.
Fire Control				
The Contractor takes adequate precautions to ensure that the fire hazard on and near the site is reduced to a minimum and no fires have occurred/ been lit onsite.	Yes	No	N/A	T4/5 is temporarily closed. The Contractor is not onsite. See section "Temporary Site Closure" below.
Any fires which occur are reported to the ECO immediately.	Yes	No	N/A	No fires occurred onsite.
Smoking is only permitted in designated smoking areas, which are demarcated, equipped with ash trays and fire-fighting equipment, and located away from fire hazards such as fuel storage, refuelling areas, or dense/grassy vegetation.	Yes	No	N/A	T4/5 is temporarily closed. The Contractor is not onsite. See section "Temporary Site Closure" below.
A Fire Officer (may be the ESO) is appointed by the Contractor to ensure immediate and appropriate actions in the event of a fire and to make employees aware of the fire procedure.	Yes	No	N/A	As above.
The relevant authority is notified immediately when a fire starts, without waiting until it can no longer be controlled.	Yes	No	N/A	No fires occurred onsite.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
The Contractor has ensured that there is always suitable and sufficient firefighting equipment available onsite.	**Yes**	**No**	**N/A**	T4/5 is temporarily closed. The Contractor is not onsite. See section "Temporary Site Closure" below.
The Contractor has submitted an EMS to the ECO covering the procedure to be followed in the event of a fire.	**Yes**	**No**	**N/A**	As above.
Necessary materials and equipment for dealing with oil, fuel, and hazardous substance spills (spill kits) and leaks are always onsite and up to date as a pre-emptive fire protection method.	**Yes**	**No**	**N/A**	As above.
The storage of hazardous/flammable materials and substances complies with national, provincial, and local regulatory requirements.	**Yes**	**No**	**N/A**	As above.
Hot works				
Any welding and/or hot work has been undertaken with the necessary safety equipment, i.e., welding screens with functional/serviced fire extinguishers onsite.	**Yes**	**No**	**N/A**	T4/5 is temporarily closed. The Contractor is not onsite. See section "Temporary Site Closure" below.
Designated staff have undergone fire-safety training and are certified to operate fire extinguishers and put out fires safely and quickly.	**Yes**	**No**	**N/A**	As above.
Solid Waste Management, Litter and Refuse				
The site is kept neat and clean, and littering is prohibited.	**Yes**	**No**	**N/A**	All litter has been removed from site.
Burying or dumping of waste materials, vegetation, litter, or refuse onsite is prohibited.	**Yes**	**No**	**N/A**	As above.
Lockable and weatherproof bins with lids are provided in sufficient number and capacity to store daily solid waste. Lids are kept firmly on the bins, and they are emptied regularly, at least once a week, to prevent overflow.	**Yes**	**No**	**N/A**	T4/5 is temporarily closed. The Contractor is not onsite. See section "Temporary Site Closure" below.
Waste from bins may be temporarily stored onsite in a central waste area that is weatherproof and scavenger proof (lockable), and which the ECO has approved.	**Yes**	**No**	**N/A**	As above.
Refuse is recycled wherever possible, with containers provided for glass, paper, metals, and plastics, and contents delivered to suitable recycling facilities when necessary.	**Yes**	**No**	**N/A**	As above.
All construction waste or spoil material is recycled wherever possible, either onsite or taken back to the Contractor's workshop for disposal, with disposal slips provided.	**Yes**	**No**	**N/A**	As above.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
All litter and refuse are disposed of offsite at an approved landfill site. The Contractor provides the ECO with a certificate of disposal and retains a copy in the Site file.	Yes	No	N/A	Correctly implemented. Final general waste disposal slip received.



2025-08-13T09:43 Ticket No: 82759

Weight Slip
Overstrand Municipality
Materials Recovery Facility & Public Drop off
Hermanus Weighbridge

Client Information
Name: PRIVATE

Product Information
Name: GENERAL WASTE IN
Station: Receiving

Transporter and Order Information
Transporter: Reg No: CF344469
Driver: CF

Information
Bin Size: Bin Quantity:
Site: Drop off Comments:

Weigh Information
Time In: 2025/08/13 09:37:52
Time Out: 2025/08/13 09:43:22

GROSS: 2100.00 kg **TARE:** 2080.00 kg **NETT:** 20.00 kg

W/Bridge Operator Name: LEE-ROY F Signature:

Driver's Name: CF Signature:

13-10-2025, 10:30 – Final slip received for general waste and rubble.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Contaminated Water Management				
Water containing pollutants such as cement, concrete, lime, chemicals, oils, and fuels is discharged into a conservancy tank for removal to a licensed disposal facility. A certificate of disposal is retained in the Site file. This applies to water from concrete batching plants and runoff from fuel storage, refuelling, or equipment washing areas.	**Yes**	**No**	**N/A**	T4/5 is temporarily closed. The Contractor is not onsite. See section "Temporary Site Closure" below.
No paint products, chemical additives, or cleaners (e.g., thinners and turpentine) or their wash water are disposed of onsite.	**Yes**	**No**	**N/A**	As above.
The Contractor notifies the ECO immediately of any pollution incidents onsite and takes all reasonable measures to contain and minimize the effects of the pollution.	**Yes**	**No**	**N/A**	No pollution incidents occurred onsite.
Lights				
The Contractor ensures that onsite lighting does not cause avoidable disturbances to surrounding users and does not attract unwanted insects or animals. All installed lighting is energy-efficient where practical and is turned off when not in use.	**Yes**	**No**	**N/A**	T4/5 is temporarily closed. The Contractor is not onsite. See section "Temporary Site Closure" below.
Noise				
The Contractor limits noise levels (for example, by installing and maintaining silencers on plant equipment or using hay bales to lessen the noise).	**Yes**	**No**	**N/A**	T4/5 is temporarily closed. The Contractor is not onsite. See section "Temporary Site Closure" below.
Employees are provided with adequate PPE with respect to ear protection.	**Yes**	**No**	**N/A**	As above.
No amplified music or sound equipment is allowed onsite. Audio equipment may only be used at low volumes to remain unobtrusive. Sound amplification is permitted only in emergency situations	**Yes**	**No**	**N/A**	As above.
Dust Management				
The Contractor takes all reasonable measures to minimise the generation of dust.	**Yes**	**No**	**N/A**	T4/5 is temporarily closed. The Contractor is not onsite. See section "Temporary Site Closure" below.
Stockpiles are kept in sheltered areas and managed in the following manner: Stockpile slopes are minimized to a natural angle of repose; stockpile sizes have been limited to a maximum height of 2 meters and stockpiles not in active use have been covered with shade cloth or geofabric.	**Yes**	**No**	**N/A**	Correctly implemented. Topsoil stockpiles have been covered with netting to prevent desiccation. Topsoil will be returned during rehabilitation of the trenched area at T4/5 in April or May 2026.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Dust suppression (wetting or other best practicable environmental option) is used in and around the Construction area, along haul roads, at stockpiles, and any additional area indicated by the EO/ECO.	**Yes**	**No**	**N/A**	T4/5 is temporarily closed. The Contractor is not onsite. See section "Temporary Site Closure" below.
Dowsing, with non-potable water (not including treated effluent or seawater, which may not be used for any activities), is implemented to reduce and control dust fallout.	**Yes**	**No**	**N/A**	As above.
Construction Personnel Information Posters				
Environmental information posters ("dos and don'ts") have been erected at eating areas and other common areas. Posters are maintained in good condition and replaced if damaged or illegible.	**Yes**	**No**	**N/A**	As above.
Emergency Procedures				
EMS procedures are in place for emergencies and are being followed.	**Yes**	**No**	**N/A**	No emergencies have occurred.
In the event of an emergency, the Overstrand Municipality's Emergency Call Centre has been contacted using the appropriate numbers. Emergency contact numbers, including the local firefighting service, are posted in the Contractor's office and near the onsite telephone, and are retained in the Site file.	**Yes**	**No**	**N/A**	As above.
General Protections in Terms of the National Heritage Resources Act (25 of 1999)				
If any heritage resource is encountered, work is stopped immediately, and the Engineer and ECO are notified. In this case, the Engineer/ECO contacts the relevant Heritage Authority, and work proceeds only upon their approval.	**Yes**	**No**	**N/A**	No heritage resources have been discovered.
A copy of the Record of Decision issued by Heritage Authorities is kept onsite, and The Contractor complies with the heritage management specifics outlined in the EMPr.	**Yes**	**No**	**N/A**	As above.
Protection of Natural Features				
The Contractor does not deface, paint, damage or mark any natural features situated in or around the site for survey or other purposes, unless agreed beforehand with the Engineer, ECO and Landowner.	**Yes**	**No**	**N/A**	T4/5 is temporarily closed. The Contractor is not onsite. See section "Temporary Site Closure" below.
Any features affected by the Contractor in shall be restored/rehabilitated to the satisfaction of the ECO and Landowner.	**Yes**	**No**	**N/A**	No natural features have been affected.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Protection of Flora and Fauna				
Vegetation and flora are not removed, damaged, or disturbed except as necessary for the works, as specified by the ECO.	**Yes**	**No**	**N/A**	During overhead cable installation at T4/5 in March 2025, vegetation was brush-cut and not properly treated. Vegetation has since regrown, and the Search and Rescue Specialist will remove the alien vegetation during rehabilitation in 2026. No further clearance of vegetation is required.
A Specialist has identified natural vegetation or rare/endangered flora to be preserved. The Contractor has demarcated these areas as "no-go areas" to protect the flora. Necessary measures have been taken to ensure the protection of identified flora.	**Yes**	**No**	**N/A**	Correctly implemented. Search and Rescue was completed by a Specialist for the pipeline route at T4/5 on 25-02-2025 and 08-05-2025.
Equipment has not been driven across natural vegetation, where possible. Areas of needless vegetation destruction have been reinstated to the standard specified by the ECO.	**Yes**	**No**	**N/A**	T4/5 is temporarily closed. The Contractor is not onsite. See section “Temporary Site Closure” below.
Trapping, poisoning, shooting, or hunting of animals, including collecting carcasses, is strictly prohibited. No domestic pets or livestock are permitted onsite, and Site staff are prohibited from keeping pets. Measures are in place to keep domestic and native animals from surrounding Landowners safe from unprotected Works.	**Yes**	**No**	**N/A**	No hunting occurred onsite.
Clearing of Vegetation				
Vegetation clearance is strictly limited to what is required for construction activities. A qualified Botanical Specialist has been appointed to identify and oversee the removal, rescue, and relocation of Species of Conservation Concern (SOCC).	**Yes**	**No**	**N/A**	No further clearance of vegetation is required.
Vegetation clearance has been approved by the Botanical Specialist, in line with the approved EMPr. vegetation clearance is restricted to the exploration camp, approved access routes, and areas where vegetation interferes with construction activities. No undue or unnecessary vegetation removal has occurred.	**Yes**	**No**	**N/A**	As above.
Approved vegetation clearance is undertaken by hand using handheld implements, cutting vegetation at ground level without uprooting. Root structures are not removed or tampered with, and roots are left intact and in situ as far as reasonably possible.	**Yes**	**No**	**N/A**	As above.
No tracked or wheeled mechanised equipment is used for vegetation clearance.	**Yes**	**No**	**N/A**	As above.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Vegetation clearance is conducted in phases to reduce erosion and water pollution. Clearing operations are scheduled to minimise the exposure time of cleared areas before construction starts. Cleared areas are stabilised as soon as possible where necessary.	**Yes**	**No**	**N/A**	As above.
Site clearance activities cease immediately upon encountering fauna. Fauna is safely relocated before activities resume.	**Yes**	**No**	**N/A**	As above.
Vegetation is disposed of at an approved disposal site. Burying or burning of vegetation is strictly prohibited. Cut vegetation is to be disposed of at a licensed landfill facility with slips provided to the ECO.	**Yes**	**No**	**N/A**	No further vegetation disposal has occurred or will be required.
Riparian and Instream Habitat				
No construction activities occur within riparian or wetland habitats.	**Yes**	**No**	**N/A**	T4/5 is temporarily closed. The Contractor is not onsite. See section "Temporary Site Closure" below.
Topsoil Management				
Topsoil (up to 300 mm deep, or to bedrock if shallower) and root material from cleared vegetation are stripped for rehabilitation and revegetation. Stripping is done according to the specified depth.	**Yes**	**No**	**N/A**	Topsoil stockpiles have been covered with sufficient netting to prevent desiccation. Topsoil will be returned during rehabilitation of the trenched area at T4/5 in April or May 2026. No further topsoil management is required.
Topsoil is stripped from all areas subject to compaction, as per environmental specifications and ECO direction. Topsoil from different areas is stockpiled separately and returned to its original location, as well as stored separately from subsoil.	**Yes**	**No**	**N/A**	As above.
Topsoil is covered with shade cloth or geofabric to prevent desiccation.	**Yes**	**No**	**N/A**	As above.
Stockpiles are placed on previously disturbed areas or areas with minimal environmental impact. Stockpiles do not exceed 2 m in height and maintain a natural angle of repose.	**Yes**	**No**	**N/A**	As above.
Erosion control measures (e.g., bund walls) are in place to prevent stockpile erosion and compaction. Stockpiles do not obstruct water flow or cause water damming.	**Yes**	**No**	**N/A**	As above.
Topsoil and subsoil are stockpiled separately and reinstated in reverse order. Topsoil is only handled during removal and reinstatement. Replaced soil is compacted and levelled with adjacent areas, especially near watercourses.	**Yes**	**No**	**N/A**	As above.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Erosion and Sedimentation Control				
Any erosion or sedimentation on or off-site has been identified and reported. Rectification measures, as specified by the ECO, have been implemented.	**Yes**	**No**	**N/A**	T4/5 is temporarily closed. The Contractor is not onsite. See section "Temporary Site Closure" below.
Any tunnels or erosion channels have been backfilled, compacted, and restored.	**Yes**	**No**	**N/A**	As above.
Cleared areas have been stabilised to prevent erosion, as per ECO's guidance.	**Yes**	**No**	**N/A**	As above.
Earthworks Management				
Excavated trenches are demarcated and fenced off as "no-go" areas when no Construction activity is underway. Trenches and excavations are backfilled as soon as possible, ideally during pipeline/cabling laydown.	**Yes**	**No**	**N/A**	T4/5 is temporarily closed. The Contractor is not onsite. See section "Temporary Site Closure" below.
Open trenches are inspected daily for trapped animals, and any found are safely relocated. Excavation in watercourses/wetlands occurs only in the dry season and is avoided during predicted heavy rains.	**Yes**	**No**	**N/A**	As above.
Soils are appropriately compacted according to the natural soil characteristics of the area to preserve future surface and subsurface drainage through the previously trenched areas.	**Yes**	**No**	**N/A**	As above.
Stockpiles are kept free of weeds throughout construction. Stockpiles are not placed within the 1:20 flood line, within 50 m of wetlands/watercourses, or outside designated areas in construction diagrams.	**Yes**	**No**	**N/A**	As above.
Only backfill material from an approved, alien-free source is used. Backfill is free of foreign matter such as litter, waste, vegetation, and seed stock.	**Yes**	**No**	**N/A**	As above.
Changes in natural gradients due to Construction activities are avoided where possible or mitigated by levelling the slope to the original gradient during rehabilitation.	**Yes**	**No**	**N/A**	As above.
Trenching				
Trenching for services shall be undertaken in accordance with the engineering specifications with the following environmental amplifications.	**Yes**	**No**	**N/A**	T4/5 is temporarily closed. The Contractor is not onsite. See section "Temporary Site Closure" below.
A buffer zone must be implemented for each wetland/watercourse and construction within the buffer zone must be restricted to the trench line and working side of the trench.	**Yes**	**No**	**N/A**	As above.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Soil shall be excavated and used for refilling trenches i.e., soil from the first trench shall be excavated and stockpiled, thereafter soil from the second excavated trench length shall be used to backfill the trench behind it once the services have been laid. The last trench shall be filled using the soil stockpiled from the first trench.	**Yes**	**No**	**N/A**	As above.
Trench lengths shall be kept as short as practically possible before backfilling and compacting.	**Yes**	**No**	**N/A**	As above.
Trenches shall be re-filled to the same level as (or slightly higher to allow for settlement) the surrounding land surface to minimise erosion.	**Yes**	**No**	**N/A**	As above.
Protection of Watercourses, Waterbodies and Wetlands				
The Contractor ensures that all watercourses and waterbodies are protected from contamination or degradation as a result of their activities, including protection from direct or indirect spills of pollutants.	**Yes**	**No**	**N/A**	T4/5 is temporarily closed. The Contractor is not onsite. See section "Temporary Site Closure" below.
In the event of a spill, prompt action (as planned and approved in the Emergency Plan Method Statement) is taken to clear the polluted or affected areas, and the Engineer and ECO has been notified immediately.	**Yes**	**No**	**N/A**	As above.
No activities occur within wetland areas unless necessary, with approval from the Engineer and ECO.	**Yes**	**No**	**N/A**	As above.
Stormwater, Runoff Management and General Water Management				
No stormwater containing waste, or water containing waste emanating from Construction activities is discharged into a watercourse or waterbody.	**Yes**	**No**	**N/A**	T4/5 is temporarily closed. The Contractor is not onsite. See section "Temporary Site Closure" below.
Uncontaminated water is removed from the site by allowing it to seep back into the soil around the site.	**Yes**	**No**	**N/A**	As above.
Suitable control of runoff is ensured during the Construction phase to prevent erosion of topsoil on stockpiles and adjacent land and undeveloped portions of the site. Erosion is monitored, and mitigation measures are implemented including, but not limited to, utilisation of sandbags and berms to prevent water from engrossing on sensitive ecosystems and to focus drainage into soft sands around the site.	**Yes**	**No**	**N/A**	As above.
Clean water and dirty water systems are managed independently and be kept separately.	**Yes**	**No**	**N/A**	As above.

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Erosion and stormwater management measures, such as berms, silt fences, and/or hessian curtains, have been implemented to prevent sedimentation of freshwater features and divert stormwater away from erosion-prone areas. Erosion control measures are being monitored regularly throughout the construction phase to ensure effectiveness.	**Yes**	**No**	**N/A**	As above.
Stormwater is directed towards stabilised areas to dissipate the energy of water flow. No ponding of stormwater is occurring on the site. Stormwater is confined to a dedicated stormwater channel on the Site. Stormwater from bunded areas is collected in a suitable container for proper disposal off-site.	**Yes**	**No**	**N/A**	As above.
Increased runoff from vegetation clearance and/or soil compaction is being managed to prevent erosion and silt entry into streams.	**Yes**	**No**	**N/A**	As above.
Temporary Site Closure				
In the event of temporary site closure (for a period exceeding one week), the Contractor's ESO shall carry out checks and report on compliance to the ECO.	**Yes**	**No**	**N/A**	The site will be temporarily closed until the Contractor returns later in the year to reprofile the wet area along the pipeline section. All other work is complete and therefore ESO checks are not necessary.



(a)

(b)



(c)

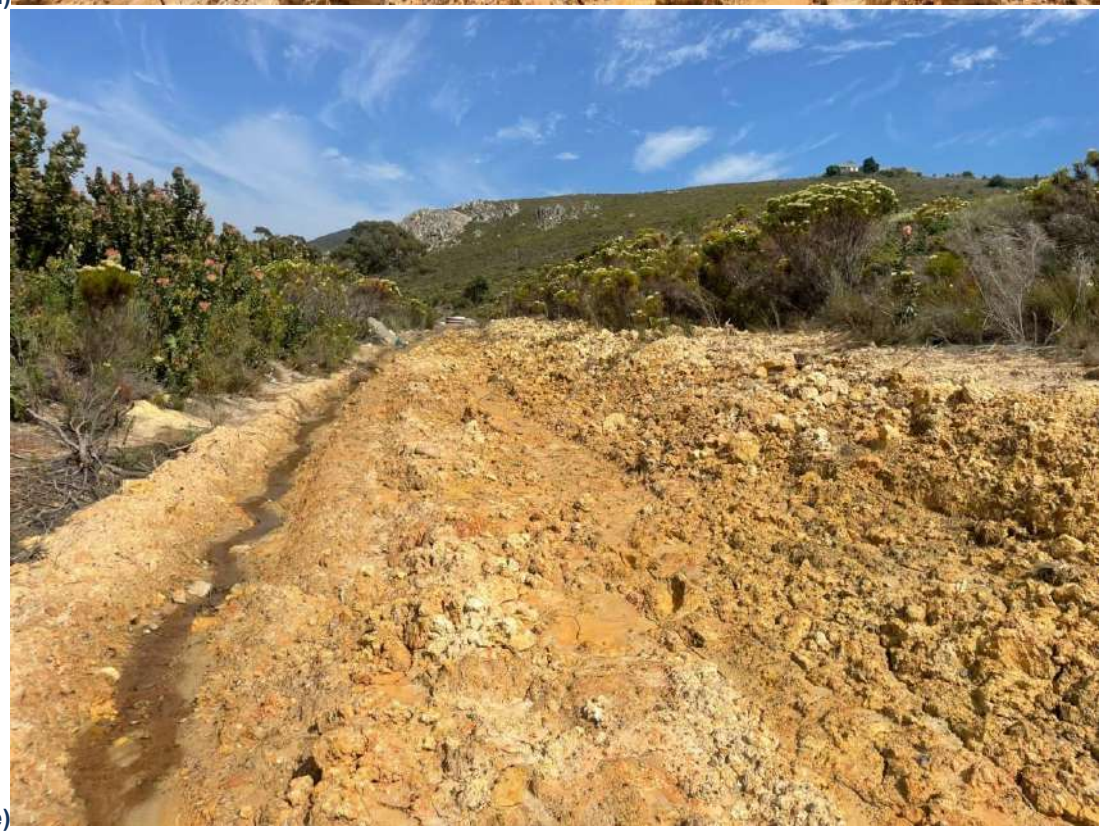


Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)

(d)



(e)



13-10-2025, 10:30 – The site is temporarily closed and all work is complete (a) to (c). A small section of the pipeline route is still wet and the Contractor will return in the drier months to reprofile the area (d) and (e).

Monitored Parameter	Yes	No	N/A	Comments (i.e., specify location, good practices, problem observed, possible cause of non-compliance and/or proposed corrective action/preventative action)
Fire extinguishers are serviced and accessible.	Yes	No	N/A	Not required for the temporary closure of T4/5.
There is adequate ventilation in enclosed spaces.	Yes	No	N/A	As above.
All hazardous substance stores are securely locked.	Yes	No	N/A	As above.
Fencing and barriers are in place.	Yes	No	N/A	As above.
Emergency and management contact details are prominently displayed and available.	Yes	No	N/A	As above.
Wind and dust mitigation measures e.g., straw, brush packs, irrigation, etc. are in place.	Yes	No	N/A	As above.
Excavated and filled slopes and stockpiles are at a stable angle and capable of accommodating normal expected water flows.	Yes	No	N/A	As above.
There are sufficient detention ponds or channels in place.	Yes	No	N/A	As above.
Cement and materials stores are secured.	Yes	No	N/A	As above.
Toilets are empty, secured, and lockable.	Yes	No	N/A	As above.
Central waste area and all refuse bins are empty and secured.	Yes	No	N/A	As above.
Contaminated water conservancy tank empty.	Yes	No	N/A	As above.
Any bunded areas are clean and treated with an approved product where applicable (e.g., Spill Sorb or Enretech #1 Powder or equivalent).	Yes	No	N/A	As above.
Drip trays are empty and secure.	Yes	No	N/A	As above.
Excavations should not be left open during temporary closures. If an excavation must remain open during temporary closure, then someone must check the excavation on a regular basis for the presence of animals and for the need to de-water (especially after rainfall).	Yes	No	N/A	As above.
Demolition and Removal of Structures				
The Contractor demolishes and removes from site everything not forming part of the Permanent Works, prior to landscaping and rehabilitation.	Yes	No	N/A	Correctly implemented. Everything not forming part of the Permanent Works has been removed from T4/5.
All material generated from the demolition and removal of structures from site are appropriately disposed of if not reused. All incidental excavations are refilled and adequately compacted and rehabilitated.	Yes	No	N/A	Correctly implemented.

The responsible personnel shall identify the root cause of Non-Compliance found and adopt the appropriate Corrective and Preventive Actions for mitigation measures. Confirmation of the effectiveness of the Corrective and Preventive Actions shall be verified by the ECO and approved by the Overstrand Municipality within an agreed time.



Date: 13-10-2025

(Environmental Control Officer: Melissa Weeks)