



TELKOM (PTY) LTD

**GROUNDWATER MONITORING REPORT,
TELKOM PARK, CENTURION, GAUTENG PROVINCE**

April 2026

SEC Reference Number: E21102

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1. INTRODUCTION

Telkom (Pty) Ltd (Telkom) requested Sillito Environmental Consulting (Pty) Ltd (SEC) to carry out groundwater monitoring at three separate fuel storage facilities (The Nexus, The Core, and The Hub) at the Telkom Park Campus, located on 61 Oak Ave, Highveld, Centurion, Gauteng Province. This monitoring event follows on a previous sampling round undertaken in November 2024 and presents the findings of this latest round of sampling.

The assessment included discussions with Simangele Mthembu (Telkom) and Francois Scholtz of Bidvest, who are responsible for managing the fuel infrastructure and Otto Bornman of Clear Fuel Technologies who had carried out tank integrity testing at the site. A site walkover was carried out at each of the three facilities and used to identify potential areas of concern, confirmed the locations of the monitoring wells, inspected the wells prior to groundwater sampling. Following selected sample recovery, these were kept cool and submitted to a SANAS accredited laboratory for analysis.

2. ENVIRONMENTAL SETTING

In order to provide a summary of the environmental setting for the site this has been presented in **Table 1** below. **Figure 1** provides the site locality information and the inferred groundwater flow direction for the broader Telkom Park facility.

A review of the groundwater users at and in the vicinity of the site involved a hydrocensus process, with the Department of Water and Sanitation's (DWS) National Groundwater Archive (NGA) consulted, and no registered groundwater users were identified within a 1km radius. Discussions with site management indicated that they are not aware of any abstraction points on site or in the immediate surrounding area.

Table 1: Environmental Setting – The Nexus, The Core, The Hub

Aspect	Site Details
Address	61 Oak Ave, Highveld, Centurion, 0157, Johannesburg
Slope and Groundwater Flow Direction	<2.6° NE Inferred groundwater flow direction is towards the NE
Current and Historical Land Use	The site is a Telkom exchange and data centre
Closest Residential Land Use	290m SE
Geology	According to the 1:250 000 Geological Map Series, 2528 Pretoria, the site is underlain by Dolomite and Chert of the Malmani Subgroup of the Chuniespoort Group
Hydrogeology	According to the 1: 1 000 000 Hydrogeological Map Series, Pretoria, the site is underlain predominantly by argillaceous rocks and undifferentiated deposits (aeolian sand). This results in a fractured aquifer with median borehole yields of 0.5-2.0l/s

	High Vulnerability ¹ rating and_High Susceptibility ² rating (1:3 000 000 Aquifer Classification Map of South Africa)			
Groundwater Quality	Electrical conductivity range: 0 to 70 mS/m Quality: Good			
Sensitive Receptors Within 300m	Private Supply Wells	No groundwater users were identified	-	-
	Public Supply Wells	None identified in NGA database or during walk over assessment	-	-
	Surface Water	None identified during walk over assessment	-	-
	Underground Utilities	Electrical, Sewer, Stormwater	On site	<10
	Parks and Public Areas	None identified during walk over assessment	-	-
	Protected Natural Resource Areas	None identified during walk over assessment	-	-
The Nexus				
GPS Coordinates of tanks	25° 52' 42.50"S 28° 11' 7.48"E			
Elevation	1 457 mamsl			
Surrounding Land Uses	N	Visitor's parking lot, beyond which is the site boundary, beyond which is Oak Avenue and commercial activities in the form of office parks		
	E	The Nexus building, beyond which are access roads and Telkom parking		
	S	Access roads, beyond which is a parking lot, beyond which is a grass field		
	W	Telkom Park access point with security office, beyond which is Oak Avenue and commercial activities in the form of office parks		
The Core				
GPS Coordinates of tanks	25° 52' 38.92" S 28° 11' 13.60" E			
Elevation	1 452 mamsl			
Surrounding Land Uses	N	The Core building, beyond which is an access road, beyond which is the Telkom Park site boundary, beyond which are commercial activities in the form of office parks		
	E	The Core site boundary, beyond which is an access road, beyond which are Telkom Offices		
	S	The Core site boundary, beyond which is an access road, beyond which is Telkom, The Hub		
	W	The Core site boundary, beyond which is an access road, beyond which is a parking area, beyond which is the Telkom Park site boundary, beyond which is Oak Avenue beyond which are commercial activities in the form of office parks		
The Hub				
GPS Coordinates of tanks	25° 52' 39.76"S 28° 11' 17.86"E			
Elevation	1 451 mamsl			
Surrounding Land Uses	N	Parking lot for The Core, beyond which is the site boundary, beyond which is Oak Avenue and commercial activities in the form of office parks		

¹ **Vulnerability** likelihood of contaminants reaching a specific position in the groundwater system after introduction at some location above the uppermost aquifer

² **Susceptibility**: a qualitative measure of the relative ease with which a groundwater body can be potentially contaminated by anthropogenic activities and includes both aquifer vulnerability and the relative importance of the aquifer in terms of its classification

	E	Grass field, beyond which is a parking lot, beyond which is the site boundary, beyond which is the M36 highway and residential properties
	S	Grass field, beyond which is a parking lot, beyond which is the site boundary, beyond which is the M36 highway and residential properties
	W	The Hub office building, beyond which is the Bidvest office building beyond which is The Nexus building

Figure 1: Locality Map



3. SITE HISTORY AND TANKAGE DETAILS

As part of the Diesel Tank Compliance project that was undertaken on behalf of the Gyro Group, SEC undertook initial site screenings at the three fuel storage locations at Telkom Park (The Nexus, The Core, The Hub) to provide an indication of the environmental setting of the site, and to provide a preliminary indication of the potential risk associated with the historic fuel storage installation. After the completion of this work, SEC undertook the installation of monitoring wells around the tanks for the recovery of groundwater samples in 2023. After the wells were installed, follow-up groundwater monitoring was undertaken in 2023

and 2024, and the laboratory results showed no evidence of hydrocarbon impact on the surrounding soil or groundwater. The site tankage details are summarized in **Table 2** below, while the locations of the monitoring wells are shown in **Figures 2 to 4** below.

Francois Scholtz (Bidvest) reported that no loss of product has been identified by any of the electronic monitoring systems at the three separate sites. However, in February 2026, Telkom advised that diesel had been encountered in one of the monitoring wells at The Core (monitoring well TCMW1), which is located south of Tank 1. It was further reported that regular vacusonic and water ingress tests are regularly undertaken, however only the tests undertaken at The Core in February 2026 were available at the time of the assessment. No other leaks, spills or loss of product have been recorded at the facility to date.

Table 2: Site Tankage Details

Tank Number	Tank type (UST/AST)	Size (m ³)	Product stored	Age	Construction type	Comments
The Nexus						
Tank 1	UST	23	Diesel	27 years	Steel	Operational and in use
Tank 2	UST	23	Diesel	27 years	Steel	Operational and in use
Tank 3	UST	23	Diesel	27 years	Steel	Operational and in use
Tank 4	UST	23	Diesel	27 years	Steel	Operational and in use
The Core						
Tank 1	UST	23	Diesel	27 years	Steel	Not in use while leak is investigated
Tank 2	UST	23	Diesel	27 years	Steel	Operational and in use
The Hub						
Tank 1	UST	23	Diesel	23 years	Steel	Operational and in use
Tank 2	UST	23	Diesel	23 years	Steel	Operational and in use
Tank 3	UST	23	Diesel	23 years	Steel	Operational and in use
Tank 4	UST	23	Diesel	23 years	Steel	Operational and in use
Tank 5	UST	23	Diesel	23 years	Steel	Operational and in use

Figure 2: The Nexus - Locality Map & Monitoring Well Locations

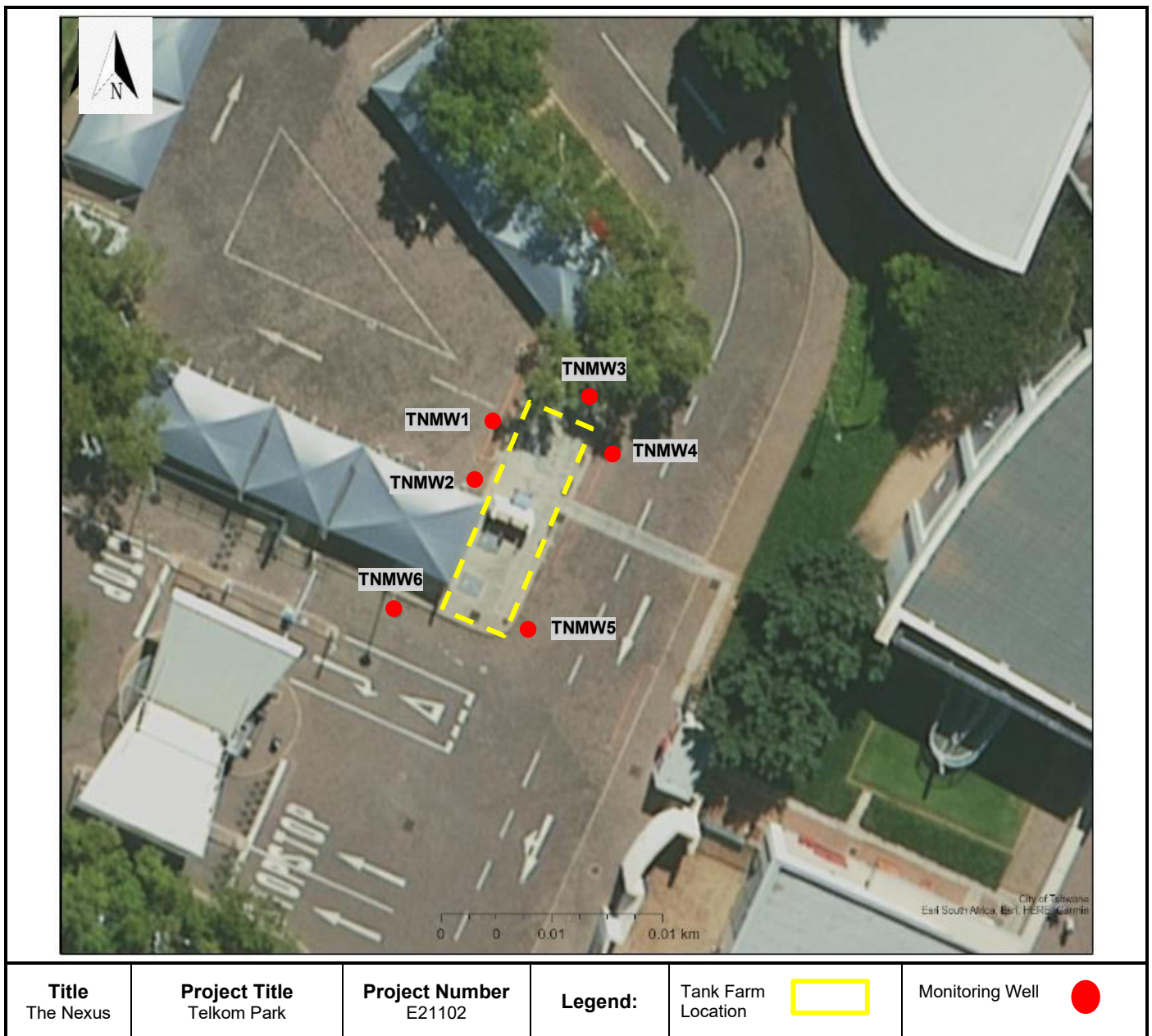


Figure 3: The Core - Locality Map & Monitoring Well Locations

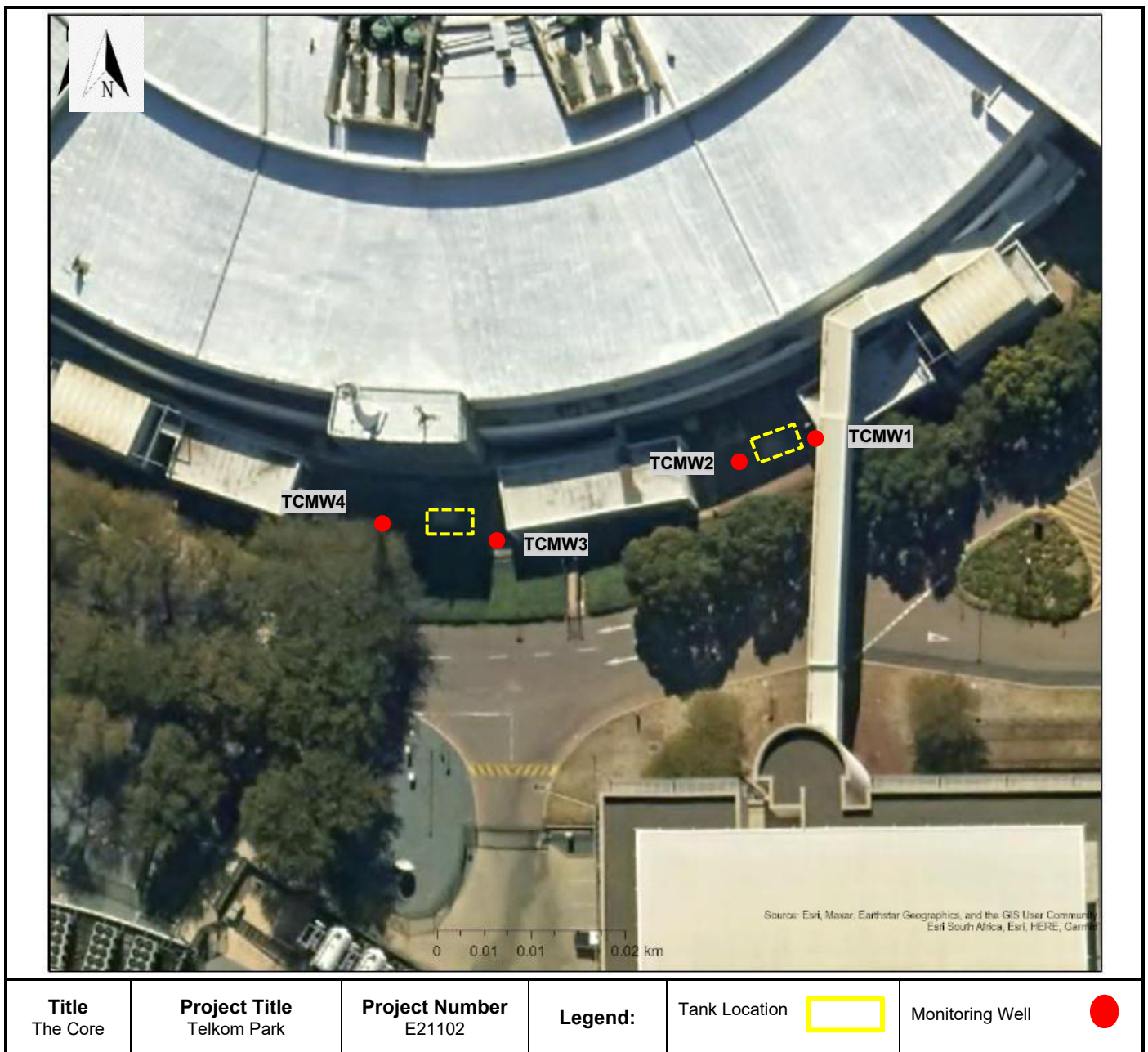
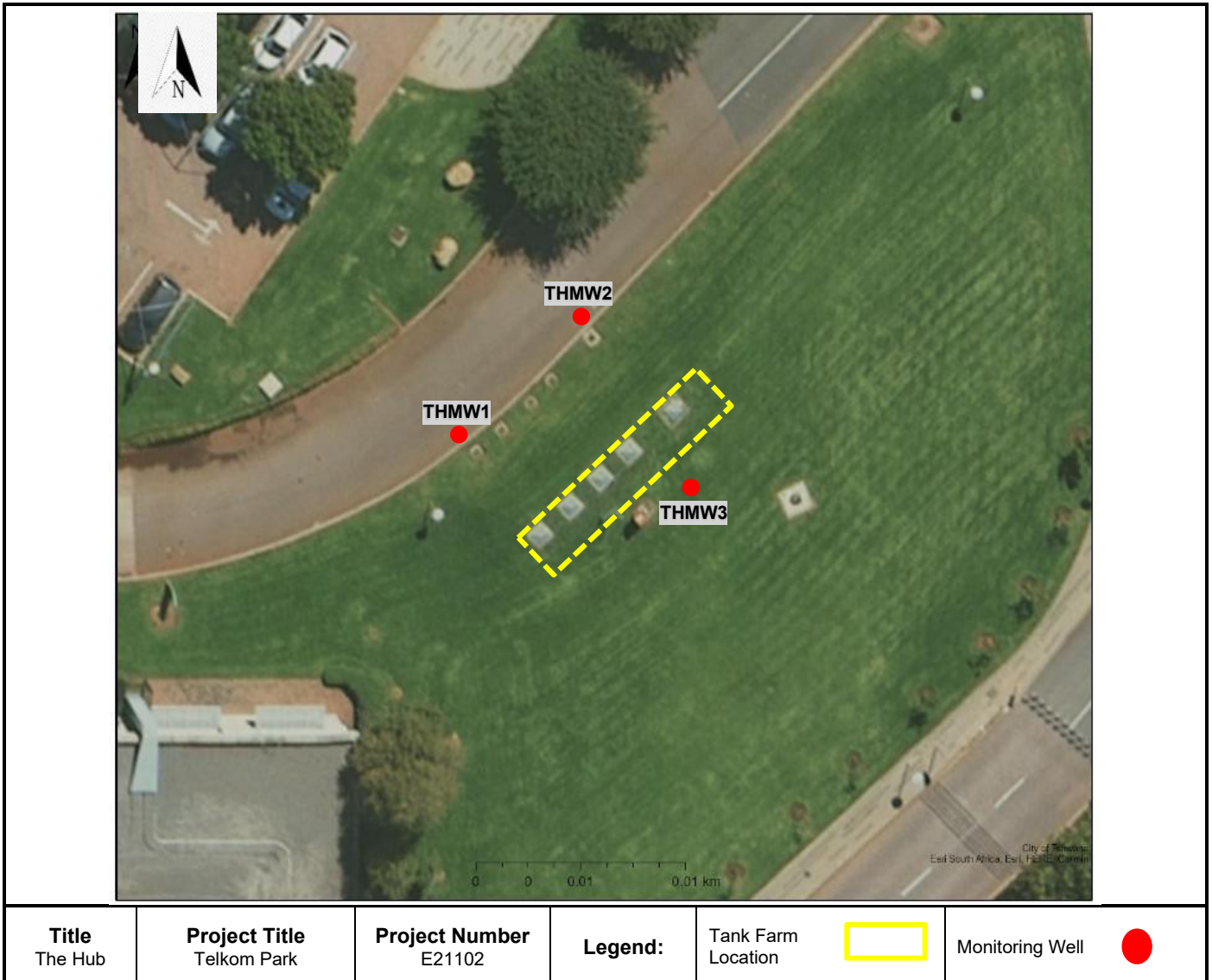


Figure 4: The Hub - Locality Map & Monitoring Well Locations



4. ASSESSMENT METHODOLOGY

The assessment included the visual inspection, dipping and sampling of all on site monitoring wells using a Solinst Interface probe, and sampled after the following procedure was undertaken:

1. The monitoring wells were dipped using a Solinst Interface meter to determine groundwater depth and the presence or absence of Free Phase Product in the form of diesel.
2. Usually, the monitoring wells are sampled using a low flow sampling technique and involving a rate controlled peristaltic pump. Owing to the water table depth the peristaltic pump could not lift a head of water to the surface, and therefore low flow sampling could not be used. The wells were instead purged using a new disposable bailer per well and then sampled. Field measurements were recorded using a calibrated YSI water quality probe.

3. The groundwater samples were also headspace screened using a calibrated and certified Photo Ionisation Detector (PID) at the time of sampling.
4. The samples were placed in a cool, dark container and sent via courier to a SANAS accredited laboratory for screening analysis accompanied by the appropriate Chain of Custody (COC) documentation.

The field monitoring well data has been included in **Tables 3** and **4** below and includes the headspace volatile organic carbons (VOC) concentrations, static groundwater levels, and water quality data from the current and previous assessment. Approximately 250mm of diesel type Free Phase Product (FPP) was encountered in monitoring well TCMW1 and was therefore not sampled. A slight hydrocarbon odour was noted in monitoring wells TNMW1, TNMW2 and TNMW3.

Table 3: Monitoring Well Data

Well ID	Well Depth	08/07/2023		26/11/2024		24/03/2026		
		SGL ¹ (m bgl)	HC ² (ppm)	SGL ¹ (m bgl)	HC ² (ppm)	SGL ¹ (m bgl)	HC ² (ppm)	FPP ³ Level (m bgl) and thickness (mm)
The Nexus								
TNMW1	15	8.70	< 1	9.24	55	8.63	32	-
TNMW2	15	8.77	2	9.08	3	8.73	54	-
TNMW3	15	9.07	2	9.11	52	9.03	46	-
TNMW4	15	9.00	< 1	7.94	2	8.99	6	-
TNMW5	15	8.72	< 1	8.15	2	8.78	1	-
TNMW6	15	8.75	0	9.33	< 1	8.39	0	-
The Core								
TCMW1	15	10.49	0	10.27	0	9.62	-	9.37/250
TCMW2	15	10.54	0	8.94	0	9.68	<1	-
TCMW3	15	9.84	0	9.28	0	8.66	0	-
TCMW4	13	12.14	0	10.52	-	8.03	0	-
The								
THMW1	15	13.21	<1	13.78	< 1	12.94	0	-
THMW2	15	13.29	0	13.67	< 1	12.87	0	-
THMW3	15	Dry	-	14.87	-	14.46	0	-

¹ Static groundwater level (meters below ground level)

² Head Space Concentration (parts per million)

³ Depth to FPP (meters below ground level)

Table 4: In-Situ field measurements for the previous and current sampling events

Sample ID	Date	Groundwater depth (mbgl)	Temperature (°C)	pH	Electrical Conductivity (mS/m)	Dissolved Oxygen (%)	ORP (mV)	Total Dissolved Solids (mg/l)
The Nexus								
TNMW1	26/11/2024	9.24	23.4	6.90	561	22.3	186	364
	24/03/2026	8.63	21.5	6.67	753	29.3	-176	794
TNMW2	26/11/2024	9.08	23.0	6.57	1 199	13.6	15	780
	24/03/2026	8.73	23.1	6.55	1 194	41	-27	617
TNMW3	26/11/2024	9.11	23.8	6.90	493	11.5	35	320
	24/03/2026	9.03	25.9	6.43	811	28.1	-28	920
TNMW4	26/11/2024	7.94	26.0	6.80	1 229	14.6	123	799
	24/03/2026	8.99	22.7	6.56	1 146	25.7	-29	795
TNMW5	26/11/2024	8.15	25.4	6.70	622	13.2	124	403
	24/03/2026	8.78	23.6	6.81	788	32.7	-2	517
TNMW6	26/11/2024	9.33	23.1	6.74	1 439	9.6	145	936
	24/03/2026	8.39	23.3	7.00	94.6	30.5	10	569
The Core								
TCMW1	26/11/2024	10.27	20.8	6.88	427	9.4	179	278
	24/03/2026	250mm FPP						
TCMW2	26/11/2024	8.94	22.0	7.17	441	32.1	168	287
	24/03/2026	9.68	21.1	6.92	792	33	188	316
TCMW3	26/11/2024	9.28	21.8	6.97	509	26.3	222	331
	24/03/2026	8.66	19.9	7.14	985	38.8	120	309
TCMW4	26/11/2024	Dry						
	24/03/2026	8.03	20.4	6.39	488	39.2	110	290
The Hub								
THMW1	26/11/2024	13.78	22.2	7.05	935	25.0	190	611
	24/03/2026	12.94	21.4	7.08	811	49.5	88	647
THMW2	26/11/2024	13.67	22.9	7.27	918	42.4	174	598
	24/03/2026	12.87	22.4	7.03	887	53.6	152	611
THMW3	26/11/2024	Dry						
	24/03/2026	14.46	21.5	6.94	966	43.4	80	625

5. SCREENING TOOLS CONSIDERED & LABORATORY RESULTS

The laboratory results for the groundwater analyses are summarised in **Table 5** to **7** below and include the previous set of results for comparison. The results have been assessed using RISC (Risk Integrated Software for Clean-ups) Version 5, Tier 1 screening levels. The source pathway receptor scenarios considered for this site, were for the inhalation of indoor and outdoor air from a groundwater source in a commercial land-use type environment.

Where any of the laboratory results exceeded the screening values considered these results have been highlighted in red. Values highlighted in **plain red** have exceeded the RISC Screening Levels for a Tier 1 assessment. Values faded out are below the detection level for the analysis whilst screening levels faded out have not been exceeded.

RISC 5 Tier 1 is a general, conservative risk-based assessment. These assessments use conservative human health risk-based screening values for soil and water which have been calculated using accepted US EPA algorithms, toxicological data and exposure and point of receptor assumptions based on empirically derived data.

The laboratory result transcripts can be found in **APPENDIX A** below.

Table 5: Summary of the last three Groundwater Analytical Results (mg/l) – The Nexus

Sample ID	Date	Water Rest Level mbgl)	VOC PID (ppm)	Methyl tert-Butyl Ether (MTBE)	Tert-amyl Methyl Ether (TAME)	Benzene	Toluene	Ethylbenzene	Xylenes	Trimethylbenzene, 1,2,4-	Trimethylbenzene, 1,3,5-	Naphthalene	TPH GRO C7 – C9	TPH DRO C10 – C14	TPH DRO C15 – C36
TNMW1	08/07/2023	8.7	< 1	<0.005	0.0089	<0.0004	<0.001	<0.0004	<0.0008	<0.0004	<0.0004	<0.0004	<0.010	< 0.060	< 0.412
	26/11/2024	9.24	55	<0.005	0.018	<0.0004	<0.001	<0.0004	<0.0012	<0.0004	<0.0004	<0.0004	<0.01	0.67	4.5
	24/03/2026	8.63	32	<0.005	0.047	<0.0004	<0.001	<0.0004	<0.0012	<0.0004	<0.0004	<0.0004	0.02	1.4	4.4
TNMW2	08/07/2023	8.77	2	<0.005	0.029	0.011	0.001	<0.0004	<0.0008	<0.0004	<0.0004	<0.0004	<0.010	< 0.060	< 0.412
	26/11/2024	9.08	3	<0.005	0.014	<0.0004	<0.001	<0.0004	<0.0012	<0.0004	<0.0004	<0.0004	<0.010	0.29	1.4
	24/03/2026	8.73	54	<0.005	0.0059	<0.0004	<0.001	<0.0004	<0.0012	<0.0004	<0.0004	<0.0004	0.1	4.4	12
TNMW3	08/07/2023	9.07	2	<0.005	0.024	<0.0004	<0.001	<0.0004	<0.0008	<0.0004	<0.0004	<0.0004	<0.010	< 0.060	< 0.412
	26/11/2024	9.11	52	<0.005	<0.005	<0.0004	<0.001	<0.0004	<0.0012	<0.0004	<0.0004	<0.0004	<0.010	0.42	3.4
	24/03/2026	9.03	64	<0.005	0.01	<0.0004	<0.001	<0.0004	<0.0012	<0.0004	<0.0004	<0.0004	<0.010	1.8	5.8
TNMW4	08/07/2023	9	<1	<0.005	0.0064	<0.0004	<0.001	<0.0004	<0.0008	<0.0004	<0.0004	<0.0004	<0.010	< 0.060	< 0.412
	26/11/2024	7.94	2	<0.005	0.023	<0.0004	<0.001	<0.0004	<0.0012	<0.0004	<0.0004	<0.0004	<0.010	< 0.060	< 0.412
	24/03/2026	8.99	6	<0.005	<0.005	<0.0004	<0.001	<0.0004	<0.0012	<0.0004	<0.0004	<0.0004	<0.01	0.13	< 0.412
TNMW5	08/07/2023	8.72	<1	<0.005	<0.005	<0.0004	<0.001	<0.0004	<0.0008	<0.0004	<0.0004	<0.0004	<0.010	< 0.060	< 0.412
	26/11/2024	8.15	2	<0.005	<0.005	<0.0004	<0.001	<0.0004	<0.0012	<0.0004	<0.0004	<0.0004	<0.010	< 0.060	< 0.412
	24/03/2026	8.78	1	<0.005	<0.005	<0.0004	<0.001	<0.0004	<0.0012	<0.0004	<0.0004	<0.0004	<0.010	< 0.060	< 0.412
TNMW6	08/07/2023	8.75	<1	<0.005	<0.005	<0.0004	<0.001	<0.0004	<0.0008	<0.0004	<0.0004	<0.0004	<0.010	< 0.060	< 0.412
	26/11/2024	9.33	<1	<0.005	<0.005	<0.0004	<0.001	<0.0004	<0.0012	<0.0004	<0.0004	<0.0004	<0.010	< 0.060	< 0.412
	24/03/2026	8.39	0	<0.005	<0.005	<0.0004	<0.001	<0.0004	<0.0012	<0.0004	<0.0004	<0.0004	<0.010	< 0.060	< 0.412
RISC Tier 1	Inhalation of Indoor Air		NVD	2 418.946	NVD	0.066	27.685	72.406	8.147	NVD	NVD	2.993	NVD	NVD	NVD
	Inhalation of Outdoor Air		NVD	>Sol	NVD	26.265	>Sol	>Sol	>Sol	NVD	NVD	>Sol	NVD	NVD	NVD

Table 6: Summary of the last three Groundwater Analytical Results (mg/l) – The Core

Sample ID	Date	Water Rest Level mbgl)	VOC PID (ppm)	Methyl tert-Butyl Ether (MTBE)	Tert-amyl Methyl Ether (TAME)	Benzene	Toluene	Ethylbenzene	Xylenes	Trimethyl-benzene, 1,2,4-	Trimethyl-benzene, 1,3,5-	Naphthalene	TPH GRO C7 – C9	TPH DRO C10 – C14	TPH DRO C15 – C36
TCMW1	08/07/2023	10.49	0	<0.005	<0.005	<0.0004	<0.001	<0.0004	<0.0008	<0.0004	<0.0004	<0.0004	<0.010	< 0.060	< 0.412
	26/11/2024	10.27	<1	<0.005	<0.005	<0.0004	<0.001	<0.0004	<0.0008	<0.0004	<0.0004	<0.0004	<0.010	<0.060	<0.412
	24/03/2026	9.62	250mm Diesel FPP												
TCMW2	08/07/2023	10.54	0	<0.005	<0.005	<0.0004	<0.001	<0.0004	<0.0008	<0.0004	<0.0004	<0.0004	<0.010	< 0.060	< 0.412
	26/11/2024	8.94	<1	<0.005	<0.005	<0.0004	<0.001	<0.0004	<0.0008	<0.0004	<0.0004	<0.0004	<0.010	<0.060	<0.412
	24/03/2026	9.68	<1	<0.005	<0.005	<0.0004	<0.001	<0.0004	<0.0012	<0.0004	<0.0004	<0.0004	<0.01	<0.06	<0.41
TCMW3	08/07/2023	9.84	0	<0.005	<0.005	<0.0004	<0.001	<0.0004	<0.0008	<0.0004	<0.0004	<0.0004	<0.010	< 0.060	< 0.412
	26/11/2024	9.28	<1	<0.005	<0.005	<0.0004	<0.001	<0.0004	<0.0008	<0.0004	<0.0004	<0.0004	<0.010	<0.060	<0.412
	24/03/2026	8.66	0	<0.005	<0.005	<0.0004	<0.001	<0.0004	<0.0008	<0.0004	<0.0004	<0.0004	<0.010	< 0.060	< 0.412
TCMW4	08/07/2023	12.14	0	<0.005	<0.005	<0.0004	<0.001	<0.0004	<0.0008	<0.0004	<0.0004	<0.0004	<0.010	< 0.060	< 0.412
	26/11/2024	Moist at bottom													
	24/03/2026	8.03	0	<0.005	<0.005	<0.0004	<0.001	<0.0004	0.0018	0.001	<0.0004	0.0009	<0.01	<0.06	<0.41
RISC Tier 1	Inhalation of Indoor Air		NVD	2 418.946	NVD	0.066	27.685	72.406	8.147	NVD	NVD	2.993	NVD	NVD	NVD
	Inhalation of Outdoor Air		NVD	>Sol	NVD	26.265	>Sol	>Sol	>Sol	NVD	NVD	>Sol	NVD	NVD	NVD

Table 7: Summary of the last three Groundwater Analytical Results (mg/l) – The Hub

Sample ID	Date	Water Rest Level mbgl)	VOC PID (ppm)	Methyl tert-Butyl Ether (MTBE)	Tert-amyl Methyl Ether (TAME)	Benzene	Toluene	Ethylbenzene	Xylenes	Trimethylbenzene, 1,2,4-	Trimethylbenzene, 1,3,5-	Naphthalene	TPH GRO C7 – C9	TPH DRO C10 – C14	TPH DRO C15 – C36
THMW1	08/07/2023	13.21	<1	<0.005	<0.005	<0.0004	<0.001	<0.0004	<0.0008	<0.0004	<0.0004	<0.0004	<0.01	<0.06	<0.412
	26/11/2024	13.78	0	<0.005	<0.005	<0.0004	<0.001	<0.0004	<0.0008	<0.0004	<0.0004	<0.0004	<0.010	<0.06	<0.412
	24/03/2026	12.94	0	<0.005	<0.005	<0.0004	<0.001	<0.0004	<0.0008	<0.0004	<0.0004	<0.0004	<0.010	<0.06	<0.412
THMW2	08/07/2023	13.29	0	<0.005	<0.005	<0.0004	<0.001	<0.0004	<0.0008	<0.0004	<0.0004	<0.0004	<0.01	<0.06	<0.412
	26/11/2024	13.67	< 1	<0.005	<0.005	<0.0004	<0.001	<0.0004	<0.0008	<0.0004	<0.0004	<0.0004	<0.010	<0.06	<0.412
	24/03/2026	12.87	0	<0.005	<0.005	<0.0004	<0.001	<0.0004	<0.0008	<0.0004	<0.0004	<0.0004	<0.010	<0.06	<0.412
THMW3	08/07/2023	Dry													
	26/11/2024	Dry													
	24/03/2026	14.46	0	<0.005	<0.005	<0.0004	<0.001	<0.0004	<0.0008	<0.0004	<0.0004	<0.0004	<0.010	<0.06	<0.412
RISC Tier 1	Inhalation of Indoor Air		NVD	2 418.946	NVD	0.066	27.685	72.406	8.147	NVD	NVD	2.993	NVD	NVD	NVD
	Inhalation of Outdoor Air		NVD	>Sol	NVD	26.265	>Sol	>Sol	>Sol	NVD	NVD	>Sol	NVD	NVD	NVD

6. SOURCE PATHWAY RECEPTOR CONSIDERATIONS

The site was assessed using the Source-Pathway-Receptor model which considers where the potential contamination has come from (source), how it is transmitted (the pathway) and who or what would be exposed to it (the receptor).

In terms of the potential sources of potential contamination at the sites, the primary sources are likely to be the product storage tanks, associated piping, and spills and overfills during product delivery. The hydrocarbon impacted soil and groundwater are considered the secondary sources of contamination associated with the potential loss of containment of diesel.

The potentially open exposure pathways are as follows:

1. Inhalation of hydrocarbon vapours from indoor air via hydrocarbon volatilization and enclosed space accumulation and also inhalation of outdoor air through volatilization and atmospheric dispersion from groundwater sources.
 - a. Receptors include workers on-site and occupants of buildings in close proximity to the fuel storage infrastructure at The Nexus, The Core, and The Hub.
 - b. The NICOLA Vapour Intrusion Technical Guide Document (November 2021) ³ recommends a vertical separation distance of at least 2m between the groundwater and an indoor receptor (basements, foundation slabs, crawl spaces, etc.), as well as a lateral inclusion zone of 10m from the edge of the source.
 - c. The groundwater level ranged from 8.39mbgl to 9.03mbgl, 8.03mbgl to 9.68mbgl and from 12.87mbgl to 14.46mbgl at The Nexus, The Core, and The Hub, respectively.
 - d. All of the monitoring wells at The Nexus and The Hub are more than 10m away from any on-site buildings, closing this exposure pathway for these sites.
 - e. The four monitoring wells at The Core are within 10m of on-site buildings and are therefore potentially open pathways for the inhalation of indoor air in a commercial land use (users of The Core building).
 - f. Approximately 250mm of FPP was encountered in monitoring well TCMW1, south of Tank 1 at The Core.
 - g. No exceedances of RISC Tier 1 values were noted in any of the groundwater for indoor or outdoor source pathway receptor scenarios.
 - h. The Core monitoring well TCMW1 contained 250 mm of weathered diesel and is located upgradient of the on-site buildings and is within 10m of an enclosed building (generator room), the vertical separation distance between the top of the diesel and the building foundations is more than 2m This is more than the recommended vertical separation distance recommended

³ Network for Industrially Contaminated Land in Africa (NICOLA). November 2021. *Vapour Intrusion: Global State of Practice and Guidance for South Africa*.

in the NICOLA Vapour Intrusion Technical Guide Document, closing the inhalation of indoor air pathway. As such this risk pathway does not exist.

- i. There is however a risk of the FPP potentially migrating downgradient and potentially entering service conduits (which would provide a preferential pathway for FPP migration).

7. FINDINGS & COMMENTS

1. The current average static groundwater level as of 24/03/2026 were 8.83m bgl, 8.79m bgl, and 13.43m bgl for The Nexus, The Core, and the Hub, respectively. Compared to the previous monitoring event in 2024, the groundwater table is 0.02m deeper at The Nexus, 0.71m shallower at The Core, and 0.4m shallower at The Hub.
2. Approximately 250mm of diesel type FPP was encountered in The Core monitoring well TCMW1 and as such was not sampled.
3. A sample of this diesel product was sent for age analysis to the laboratory, and it indicated that the sample was approximately 3 years old, but with an accuracy of +/- 2 years. As such the product could be < 1 year or 5 years old.
4. Groundwater PID headspace screening values ranged from < 1 to 54 ppm, the latter encountered at The Nexus monitoring well TNMW2, which is located downgradient of the tank farm of The Nexus. A hydrocarbon odour was noted in the water samples recovered from TNMW1, 2 and 3.
5. The laboratory results for the groundwater samples showed that TAME (a petrol additive) was detected in The Nexus monitoring wells TNMW1, 2, 3 and 4, which has continuously been detected in these wells since monitoring commenced in 2023. This shows an ongoing presence of these additives.
6. Xylenes, Trimethylbenzene 1,2,4 and Naphthalene were detected and relatively low concentrations in TCMW4 (The Core).
7. In terms of the TPH banding analysis results, the C₇ – C₉ carbon group (GRO range), these compounds were detected in TNMW1 and 2 only (The Nexus) at relatively low concentrations.
8. DRO range carbon groups (C₁₀ – C₁₄ and C₁₅ – C₃₆) were detected in The Nexus monitoring wells TNMW1, 2, 3 and 4 only. This is indicative of a loss of containment as these wells are located on the downgradient side of the tank farm area and the Clear Fuel Technologies testing indicating no tank or line failures during vacuonic testing. One possible scenario could be a tank overfill during a fuel delivery.
9. In terms of assessing the risk associated with groundwater samples analysed, the risk scenarios considered for the site were for the inhalation of indoor and outdoor air from a groundwater source in a commercial land-use environment, which indicated the following:
 - a. The Tier 1 screening levels for the risk scenarios considered for the site were not exceeded.
10. Based on the risk scenarios considered for the site, the fieldwork carried out and groundwater laboratory results received, there is no potential risk currently defined to on-site receptors from a groundwater source.

11. The presence of FPP in The Core sample TCMW1, as well as the presence of DRO compounds and additives in The Nexus samples TNMW1, 2, 3 and 4 is concerning.

8. RECOMMENDATIONS

Based on the work completed at the site and the current assessment findings, the following is recommended:

1. The source of the FPP encountered in monitoring well TCMW1 should be determined and the necessary actions taken as required to ensure no further loss of containment.
2. The FPP in TCMW1 should be regularly checked and removed for off-site disposal at a licensed facility with chain of custody documentation as proof of end recipient.
3. Due to the ongoing presence of the additive TAME and Diesel Range Organics (DRO) in the ground water samples from the monitoring wells at The Nexus, consideration should then be given to investigating the source. This could include stock reconciliation to determine if a fuel delivery shortfall has occurred and redoing the fuel storage system vacusonic testing.
4. Annual sampling of the monitoring wells should be continued so that any potential subsurface impacts of the fuel storage facilities can be determined, and action taken as required at that time.

We trust that this summary report contains sufficient information. Should you have any further questions, please contact the author.

Report compiled by:  Adriaan Botha <i>Pr. Sci.Nat Registration Number</i> 123032	Report reviewed by:  Adrian Sillito <i>Pr. Sci.Nat Registration Number</i> 400046/93
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SILLITO ENVIRONMENTAL CONSULTING

[https://sillito.sharepoint.com/jobs/SEC Jobs/E21102/Outputs/2026/Telkom Park - Groundwater Monitoring Report - April 2026.docx](https://sillito.sharepoint.com/jobs/SEC%20Jobs/E21102/Outputs/2026/Telkom%20Park%20-%20Groundwater%20Monitoring%20Report%20-%20April%202026.docx)

APPENDIX A: LABORATORY RESULTS

TEST REPORT

64526B

Test Description: BTEXMN/Gasoline Range Organics and Total Petroleum Hydrocarbons

Test Method: EPL-T-012 (BTEX/GRO) and EPL-T-011(TPH)

Client and Project Information

Client: Sillito Environmental Consulting
Address: Suite 401, Tokai on Main, 2 Burchell Road
 Tokai, Cape Town
 7945

Attention: Adriaan Botha
Tel: (021) 712-5060
Email: adrian@environmentalconsultants.co.za

Project number: E21102
Project name: Telkom Park

Sample Information

Sample ID: TCMW2
Dilutions: BTEX/GRO = No Dilution, TPH = No Dilution
Container: Glass

Matrix: Water
Storage: Fridge at 0-6°C

Date Received: 2026/03/26
Date Analysed: 2026/03/28
Date Issued: 2026/04/08

BTEXMN and Gasoline Range Organics

<u>PARAMETER</u>	<u>RESULT</u>
MTBE	<5 µg/liter
TAME	<5 µg/liter
Benzene	<0.4 µg/liter
Toluene	<1 µg/liter
Ethylbenzene	<0.4 µg/liter
m+p-Xylene	<0.8 µg/liter
o-Xylene	<0.4 µg/liter
1,3,5-Trimethylbenzene	<0.4 µg/liter
1,2,4-Trimethylbenzene	<0.4 µg/liter
Naphthalene	<0.4 µg/liter
TPH GRO C7-C9	<10 µg/liter

Total Petroleum Hydrocarbon (C10-C36)

<u>PARAMETER</u>	<u>RESULT</u>
TPH C10-C14	<60 µg/liter
TPH C15-C36	<412 µg/liter
TPH C10-C36 Total	<412 µg/liter

Disclaimers

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Reinardt Cromhout
 Authorised Signatory

TEST REPORT

64526B

Test Description: BTEXMN/Gasoline Range Organics and Total Petroleum Hydrocarbons

Test Method: EPL-T-012 (BTEX/GRO) and EPL-T-011(TPH)

Client and Project Information

Client: Sillito Environmental Consulting
Address: Suite 401, Tokai on Main, 2 Burchell Road
 Tokai, Cape Town
 7945

Attention: Adriaan Botha
Tel: (021) 712-5060
Email: adrian@environmentalconsultants.co.za

Project number: E21102
Project name: Telkom Park

Sample Information

Sample ID: TCMW3
Dilutions: BTEX/GRO = No Dilution, TPH = No Dilution
Container: Glass

Matrix: Water
Storage: Fridge at 0-6°C

Date Received: 2026/03/26
Date Analysed: 2026/03/28
Date Issued: 2026/04/08

BTEXMN and Gasoline Range Organics

<u>PARAMETER</u>	<u>RESULT</u>
MTBE	<5 µg/liter
TAME	<5 µg/liter
Benzene	<0.4 µg/liter
Toluene	<1 µg/liter
Ethylbenzene	<0.4 µg/liter
m+p-Xylene	<0.8 µg/liter
o-Xylene	<0.4 µg/liter
1,3,5-Trimethylbenzene	<0.4 µg/liter
1,2,4-Trimethylbenzene	<0.4 µg/liter
Naphthalene	<0.4 µg/liter
TPH GRO C7-C9	<10 µg/liter

Total Petroleum Hydrocarbon (C10-C36)

<u>PARAMETER</u>	<u>RESULT</u>
TPH C10-C14	<60 µg/liter
TPH C15-C36	<412 µg/liter
TPH C10-C36 Total	<412 µg/liter

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Reinardt Cromhout
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TEST REPORT

64526B

Test Description: BTEXMN/Gasoline Range Organics and Total Petroleum Hydrocarbons

Test Method: EPL-T-012 (BTEX/GRO) and EPL-T-011(TPH)

Client and Project Information

Client: Sillito Environmental Consulting
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 7945

Attention: Adriaan Botha
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Email: adrian@environmentalconsultants.co.za

Project number: E21102
Project name: Telkom Park

Sample Information

Sample ID: TCMW4
Dilutions: BTEX/GRO = No Dilution, TPH = No Dilution
Container: Glass

Matrix: Water
Storage: Fridge at 0-6°C

Date Received: 2026/03/26
Date Analysed: 2026/03/28
Date Issued: 2026/04/08

BTEXMN and Gasoline Range Organics

<u>PARAMETER</u>	<u>RESULT</u>
MTBE	<5 µg/liter
TAME	<5 µg/liter
Benzene	<0.4 µg/liter
Toluene	<1 µg/liter
Ethylbenzene	<0.4 µg/liter
m+p-Xylene	1.1 µg/liter
o-Xylene	0.7 µg/liter
1,3,5-Trimethylbenzene	<0.4 µg/liter
1,2,4-Trimethylbenzene	1 µg/liter
Naphthalene	0.9 µg/liter
TPH GRO C7-C9	<10 µg/liter

Total Petroleum Hydrocarbon (C10-C36)

<u>PARAMETER</u>	<u>RESULT</u>
TPH C10-C14	<60 µg/liter
TPH C15-C36	<412 µg/liter
TPH C10-C36 Total	<412 µg/liter

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Reinardt Cromhout
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TEST REPORT

64526B

Test Description: BTEXMN/Gasoline Range Organics and Total Petroleum Hydrocarbons

Test Method: EPL-T-012 (BTEX/GRO) and EPL-T-011(TPH)

Client and Project Information

Client: Sillito Environmental Consulting
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 7945

Attention: Adriaan Botha
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Email: adrian@environmentalconsultants.co.za

Project number: E21102
Project name: Telkom Park

Sample Information

Sample ID: THMW1
Dilutions: BTEX/GRO = No Dilution, TPH = No Dilution
Container: Glass

Matrix: Water
Storage: Fridge at 0-6°C

Date Received: 2026/03/26
Date Analysed: 2026/03/28
Date Issued: 2026/04/08

BTEXMN and Gasoline Range Organics

PARAMETER	RESULT
MTBE	<5 µg/liter
TAME	<5 µg/liter
Benzene	<0.4 µg/liter
Toluene	<1 µg/liter
Ethylbenzene	<0.4 µg/liter
m+p-Xylene	<0.8 µg/liter
o-Xylene	<0.4 µg/liter
1,3,5-Trimethylbenzene	<0.4 µg/liter
1,2,4-Trimethylbenzene	<0.4 µg/liter
Naphthalene	<0.4 µg/liter
TPH GRO C7-C9	<10 µg/liter

Total Petroleum Hydrocarbon (C10-C36)

PARAMETER	RESULT
TPH C10-C14	<60 µg/liter
TPH C15-C36	<412 µg/liter
TPH C10-C36 Total	<412 µg/liter

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 Authorised Signatory

TEST REPORT

64526B

Test Description: BTEXMN/Gasoline Range Organics and Total Petroleum Hydrocarbons

Test Method: EPL-T-012 (BTEX/GRO) and EPL-T-011(TPH)

Client and Project Information

Client: Sillito Environmental Consulting
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Project number: E21102
Project name: Telkom Park

Sample Information

Sample ID: THMW2
Dilutions: BTEX/GRO = No Dilution, TPH = No Dilution
Container: Glass

Matrix: Water
Storage: Fridge at 0-6°C

Date Received: 2026/03/26
Date Analysed: 2026/03/28
Date Issued: 2026/04/08

BTEXMN and Gasoline Range Organics

PARAMETER	RESULT
MTBE	<5 µg/liter
TAME	<5 µg/liter
Benzene	<0.4 µg/liter
Toluene	<1 µg/liter
Ethylbenzene	<0.4 µg/liter
m+p-Xylene	<0.8 µg/liter
o-Xylene	<0.4 µg/liter
1,3,5-Trimethylbenzene	<0.4 µg/liter
1,2,4-Trimethylbenzene	<0.4 µg/liter
Naphthalene	<0.4 µg/liter
TPH GRO C7-C9	<10 µg/liter

Total Petroleum Hydrocarbon (C10-C36)

PARAMETER	RESULT
TPH C10-C14	<60 µg/liter
TPH C15-C36	<412 µg/liter
TPH C10-C36 Total	<412 µg/liter

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TEST REPORT

64526B

Test Description: BTEXMN/Gasoline Range Organics and Total Petroleum Hydrocarbons

Test Method: EPL-T-012 (BTEX/GRO) and EPL-T-011(TPH)

Client and Project Information

Client: Sillito Environmental Consulting
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Attention: Adriaan Botha
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Project number: E21102
Project name: Telkom Park

Sample Information

Sample ID: THMW3
Dilutions: BTEX/GRO = No Dilution, TPH = No Dilution
Container: Glass

Matrix: Water
Storage: Fridge at 0-6°C

Date Received: 2026/03/26
Date Analysed: 2026/03/28
Date Issued: 2026/04/08

BTEXMN and Gasoline Range Organics

PARAMETER	RESULT
MTBE	<5 µg/liter
TAME	<5 µg/liter
Benzene	<0.4 µg/liter
Toluene	<1 µg/liter
Ethylbenzene	<0.4 µg/liter
m+p-Xylene	<0.8 µg/liter
o-Xylene	<0.4 µg/liter
1,3,5-Trimethylbenzene	<0.4 µg/liter
1,2,4-Trimethylbenzene	<0.4 µg/liter
Naphthalene	<0.4 µg/liter
TPH GRO C7-C9	<10 µg/liter

Total Petroleum Hydrocarbon (C10-C36)

PARAMETER	RESULT
TPH C10-C14	<60 µg/liter
TPH C15-C36	<412 µg/liter
TPH C10-C36 Total	<412 µg/liter

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 Authorised Signatory

TEST REPORT

64526B

Test Description: BTEXMN/Gasoline Range Organics and Total Petroleum Hydrocarbons

Test Method: EPL-T-012 (BTEX/GRO) and EPL-T-011(TPH)

Client and Project Information

Client: Sillito Environmental Consulting
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Attention: Adriaan Botha
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Email: adrian@environmentalconsultants.co.za

Project number: E21102
Project name: Telkom Park

Sample Information

Sample ID: TNMW1
Dilutions: BTEX/GRO = No Dilution, TPH = No Dilution
Container: Glass

Matrix: Water
Storage: Fridge at 0-6°C

Date Received: 2026/03/26
Date Analysed: 2026/03/28
Date Issued: 2026/04/08

BTEXMN and Gasoline Range Organics

<u>PARAMETER</u>	<u>RESULT</u>
MTBE	<5 µg/liter
TAME	47 µg/liter
Benzene	<0.4 µg/liter
Toluene	<1 µg/liter
Ethylbenzene	<0.4 µg/liter
m+p-Xylene	<0.8 µg/liter
o-Xylene	<0.4 µg/liter
1,3,5-Trimethylbenzene	<0.4 µg/liter
1,2,4-Trimethylbenzene	<0.4 µg/liter
Naphthalene	<0.4 µg/liter
TPH GRO C7-C9	20 µg/liter

Total Petroleum Hydrocarbon (C10-C36)

<u>PARAMETER</u>	<u>RESULT</u>
TPH C10-C14	1400 µg/liter
TPH C15-C36	4400 µg/liter
TPH C10-C36 Total	5800 µg/liter

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 Authorised Signatory

TEST REPORT

64526B

Test Description: BTEXMN/Gasoline Range Organics and Total Petroleum Hydrocarbons

Test Method: EPL-T-012 (BTEX/GRO) and EPL-T-011(TPH)

Client and Project Information

Client: Sillito Environmental Consulting
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 Tokai, Cape Town
 7945

Attention: Adriaan Botha
Tel: (021) 712-5060
Email: adrian@environmentalconsultants.co.za

Project number: E21102
Project name: Telkom Park

Sample Information

Sample ID: TNMW2
Dilutions: BTEX/GRO = No Dilution, TPH = No Dilution
Container: Glass

Matrix: Water
Storage: Fridge at 0-6°C

Date Received: 2026/03/26
Date Analysed: 2026/03/28
Date Issued: 2026/04/08

BTEXMN and Gasoline Range Organics

<u>PARAMETER</u>	<u>RESULT</u>
MTBE	<5 µg/liter
TAME	5.9 µg/liter
Benzene	<0.4 µg/liter
Toluene	<1 µg/liter
Ethylbenzene	<0.4 µg/liter
m+p-Xylene	<0.8 µg/liter
o-Xylene	<0.4 µg/liter
1,3,5-Trimethylbenzene	<0.4 µg/liter
1,2,4-Trimethylbenzene	<0.4 µg/liter
Naphthalene	<0.4 µg/liter
TPH GRO C7-C9	100 µg/liter

Total Petroleum Hydrocarbon (C10-C36)

<u>PARAMETER</u>	<u>RESULT</u>
TPH C10-C14	4400 µg/liter
TPH C15-C36	12000 µg/liter
TPH C10-C36 Total	16400 µg/liter

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TEST REPORT

64526B

Test Description: BTEXMN/Gasoline Range Organics and Total Petroleum Hydrocarbons

Test Method: EPL-T-012 (BTEX/GRO) and EPL-T-011(TPH)

Client and Project Information

Client: Sillito Environmental Consulting
Address: Suite 401, Tokai on Main, 2 Burchell Road
 Tokai, Cape Town
 7945

Attention: Adriaan Botha
Tel: (021) 712-5060
Email: adrian@environmentalconsultants.co.za

Project number: E21102
Project name: Telkom Park

Sample Information

Sample ID: TNMW3
Dilutions: BTEX/GRO = No Dilution, TPH = No Dilution
Container: Glass

Matrix: Water
Storage: Fridge at 0-6°C

Date Received: 2026/03/26
Date Analysed: 2026/03/28
Date Issued: 2026/04/08

BTEXMN and Gasoline Range Organics

<u>PARAMETER</u>	<u>RESULT</u>
MTBE	<5 µg/liter
TAME	10 µg/liter
Benzene	<0.4 µg/liter
Toluene	<1 µg/liter
Ethylbenzene	<0.4 µg/liter
m+p-Xylene	<0.8 µg/liter
o-Xylene	<0.4 µg/liter
1,3,5-Trimethylbenzene	<0.4 µg/liter
1,2,4-Trimethylbenzene	<0.4 µg/liter
Naphthalene	<0.4 µg/liter
TPH GRO C7-C9	<10 µg/liter

Total Petroleum Hydrocarbon (C10-C36)

<u>PARAMETER</u>	<u>RESULT</u>
TPH C10-C14	1800 µg/liter
TPH C15-C36	5800 µg/liter
TPH C10-C36 Total	7600 µg/liter

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TEST REPORT

64526B

Test Description: BTEXMN/Gasoline Range Organics and Total Petroleum Hydrocarbons

Test Method: EPL-T-012 (BTEX/GRO) and EPL-T-011(TPH)

Client and Project Information

Client: Sillito Environmental Consulting
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 Tokai, Cape Town
 7945

Attention: Adriaan Botha
Tel: (021) 712-5060
Email: adrian@environmentalconsultants.co.za

Project number: E21102
Project name: Telkom Park

Sample Information

Sample ID: TNMW4
Dilutions: BTEX/GRO = No Dilution, TPH = No Dilution
Container: Glass

Matrix: Water
Storage: Fridge at 0-6°C

Date Received: 2026/03/26
Date Analysed: 2026/03/28
Date Issued: 2026/04/08

BTEXMN and Gasoline Range Organics

PARAMETER	RESULT
MTBE	<5 µg/liter
TAME	<5 µg/liter
Benzene	<0.4 µg/liter
Toluene	<1 µg/liter
Ethylbenzene	<0.4 µg/liter
m+p-Xylene	<0.8 µg/liter
o-Xylene	<0.4 µg/liter
1,3,5-Trimethylbenzene	<0.4 µg/liter
1,2,4-Trimethylbenzene	<0.4 µg/liter
Naphthalene	<0.4 µg/liter
TPH GRO C7-C9	<10 µg/liter

Total Petroleum Hydrocarbon (C10-C36)

PARAMETER	RESULT
TPH C10-C14	130 µg/liter
TPH C15-C36	<412 µg/liter
TPH C10-C36 Total	<412 µg/liter

Disclaimers

- 1) The results only relate to the test items provided, in the condition as received.
- 2) This report may not be reproduced, except in full, without the prior written approval of the laboratory.
- 3) Parameters marked " * " are not included in the SANAS Schedule of Accreditation for this laboratory.
- 4) A = Concentration outside calibration range, O = Outsourced analysis, UTD = Unable to Determine.
- 5) Uncertainty of measurement for all methods included in the SANAS Schedule of Accreditation is available on request.

Reinardt Cromhout
 Authorised Signatory

TEST REPORT

64526B

Test Description: BTEXMN/Gasoline Range Organics and Total Petroleum Hydrocarbons

Test Method: EPL-T-012 (BTEX/GRO) and EPL-T-011(TPH)

Client and Project Information

Client: Sillito Environmental Consulting
Address: Suite 401, Tokai on Main, 2 Burchell Road
 Tokai, Cape Town
 7945

Attention: Adriaan Botha
Tel: (021) 712-5060
Email: adrian@environmentalconsultants.co.za

Project number: E21102
Project name: Telkom Park

Sample Information

Sample ID: TNMW5
Dilutions: BTEX/GRO = No Dilution, TPH = No Dilution
Container: Glass

Matrix: Water
Storage: Fridge at 0-6°C

Date Received: 2026/03/26
Date Analysed: 2026/03/28
Date Issued: 2026/04/08

BTEXMN and Gasoline Range Organics

<u>PARAMETER</u>	<u>RESULT</u>
MTBE	<5 µg/liter
TAME	<5 µg/liter
Benzene	<0.4 µg/liter
Toluene	<1 µg/liter
Ethylbenzene	<0.4 µg/liter
m+p-Xylene	<0.8 µg/liter
o-Xylene	<0.4 µg/liter
1,3,5-Trimethylbenzene	<0.4 µg/liter
1,2,4-Trimethylbenzene	<0.4 µg/liter
Naphthalene	<0.4 µg/liter
TPH GRO C7-C9	<10 µg/liter

Total Petroleum Hydrocarbon (C10-C36)

<u>PARAMETER</u>	<u>RESULT</u>
TPH C10-C14	<60 µg/liter
TPH C15-C36	<412 µg/liter
TPH C10-C36 Total	<412 µg/liter

Disclaimers

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- 5) Uncertainty of measurement for all methods included in the SANAS Schedule of Accreditation is available on request.

Reinardt Cromhout
 Authorised Signatory

TEST REPORT

64526B

Test Description: BTEXMN/Gasoline Range Organics and Total Petroleum Hydrocarbons

Test Method: EPL-T-012 (BTEX/GRO) and EPL-T-011(TPH)

Client and Project Information

Client: Sillito Environmental Consulting
Address: Suite 401, Tokai on Main, 2 Burchell Road
 Tokai, Cape Town
 7945

Attention: Adriaan Botha
Tel: (021) 712-5060
Email: adrian@environmentalconsultants.co.za

Project number: E21102
Project name: Telkom Park

Sample Information

Sample ID: TNMW6
Dilutions: BTEX/GRO = No Dilution, TPH = No Dilution
Container: Glass

Matrix: Water
Storage: Fridge at 0-6°C

Date Received: 2026/03/26
Date Analysed: 2026/03/28
Date Issued: 2026/04/08

BTEXMN and Gasoline Range Organics

PARAMETER	RESULT
MTBE	<5 µg/liter
TAME	<5 µg/liter
Benzene	<0.4 µg/liter
Toluene	<1 µg/liter
Ethylbenzene	<0.4 µg/liter
m+p-Xylene	<0.8 µg/liter
o-Xylene	<0.4 µg/liter
1,3,5-Trimethylbenzene	<0.4 µg/liter
1,2,4-Trimethylbenzene	<0.4 µg/liter
Naphthalene	<0.4 µg/liter
TPH GRO C7-C9	<10 µg/liter

Total Petroleum Hydrocarbon (C10-C36)

PARAMETER	RESULT
TPH C10-C14	<60 µg/liter
TPH C15-C36	<412 µg/liter
TPH C10-C36 Total	<412 µg/liter

Disclaimers

- 1) The results only relate to the test items provided, in the condition as received.
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- 4) A = Concentration outside calibration range, O = Outsourced analysis, UTD = Unable to Determine.
- 5) Uncertainty of measurement for all methods included in the SANAS Schedule of Accreditation is available on request.

Reinardt Cromhout
 Authorised Signatory

TEST REPORT

Test Description: NAPL Forensic Analysis

Test Method: EPL-T-014

64526C

Client and Project Information

Client: Sillito Environmental Consulting
Address: Suite 401, Tokai on Main, 2 Burchell Road
 Tokai, Cape Town
 7945

Attention: Adriaan Botha
Tel: (021) 712-5060
Email: adrian@environmentalconsultants.co.za

Project number: E21102
Project name: Telkom Park

Sample Information

Sample ID: TCMW1

Matrix: NAPL
Container: Glass

Date Received: 2026/03/26
Date Analysed: 2026/03/26
Date Issued: 2026/04/08

Quantitative Results

<u>Parameter</u>	<u>Result</u>
MTBE	N/A
TAME	N/A
Benzene	N/A
Toluene	N/A
Ethylbenzene	N/A
M+P-Xylene	N/A
O-Xylene	N/A
1,3,5-Trimethylbenzene	N/A
1,2,4-Trimethylbenzene	N/A
Naphthalene	N/A
TPH C6-C10	N/A
TPH C10-C28	N/A
TPH C28-C40	N/A
Age analysis*	3 Years
Density	N/A

Disclaimers

- 1) The results only relate to the test items provided, in the condition as received.
- 2) This report may not be reproduced, except in full, without the prior written approval of the laboratory.
- 3) Relative percentages were determined between nC6-nC40.
- 4) Classification of NAPL is based on chromatographic interpretation of respective iso-paraffic ranges determined by the laboratory.
- 5) Parameter marked "***" - Age analysis only indicates the approximate age of the diesel present in the sample, assuming environmental conditions as specified by the method. Age estimate has an uncertainty of +/- 2 years.

Reinardt Cromhout
 Authorised Signatory