



water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

Private Bag X5, MMABATHO, 2735, Cnr Dr James Moroka Drive and Sekame Road Unit 99, MegaCity Shopping Centre, MMABATHO, 2735, www.dws.gov.za

**LICENCE IN TERMS OF CHAPTER 4 OF THE
NATIONAL WATER ACT, 1998 (ACT NO. 36 OF 1998) (THE ACT)**

I, **Mr Luxolo Mditshane** in my capacity as Provincial Head: North West in the Department of Water and Sanitation and acting under the powers delegated to me by the Minister of Water and Sanitation, hereby authorises the following water use in respect of this licence.

Serial Number : 5331462857365517164

Provincial Head: North West

Date: Feb 5 2025 12:42PM

LICENCE NO: 06/A21C/CI/15848
FILE NO: 27/2/2/A321/403/3
REF. NO: WU28784

Licensee: Growthpoint Properties Limited

Postal Address: PO Box 78949
Sandton
Gauteng
2146

Physical Address: The Place
1 Sandton Drive
Sandton
Gauteng
2196

Provincial Head

1. Water Uses authorised by this licence

Table 1: Summary of water uses authorised

1	Section 21(c) of the Act	Impeding or diverting the flow of water in a water course; subject to the conditions set out in I and II.
2	Section 21(i) of the Act:	Altering the bed, banks, course or characteristics of a watercourse; subject to the conditions set out in Appendices I and II.

2. Property (ies) in respect of which the water use licence is issued

Table 2: Property details where the water use(s) will take place

Property Description	Surveyor General Code	Extent (ha)	Title Deed Number	Property Owner
Development on Ext 11				
Portion 32 (a portion of Portion 1) of the farm Botesdal 529-JQ	T0JQ000052900000 5290003200	4,2337 ha	T74551/2022	Growthpoint Properties Limited
Remaining Extent of Portion 1 of the farm Botesdal 529-JQ	T0JQ000052900000 52900001RE	4,2469 ha	T74551/2022	Growthpoint Properties Limited
Development on Ext 12				
Portion 80 (a portion of Portion 55) of the farm Bultfontein 533-JQ	T0JQ000053300000 5330008000	3,3437 ha	T73482/2022	Growthpoint Properties Limited
Holding 1, Sunrella A.H	T0JQ0043000	3,1132 ha	T73481/2022	Growthpoint Properties Limited

3. Licence and Review Period

- 3.1 This licence is valid for a period of **Twenty (20)** year(s) from the date of issuance and it may be reviewed at intervals of not more than five (5) years.
- 3.2 On review of the licence, a Responsible Authority may amend any condition of the licence, other than the period of validity thereof.

4. Definitions

Any terms, words and expressions as defined in the National Water Act, 1998 (Act 36 of 1998) shall bear the same meaning when used in this licence."

4.1 The following definitions are of relevance, but not exclusive, to this licence

Act	National Water Act, 1998 (Act 36 of 1998)
Buffer zone	Buffer zone: a strip of land surrounding a wetland or riparian area in which activities are controlled or restricted, in order to reduce the impact of adjacent land uses on the wetland or riparian area. The buffer zone is measured from the edge of the delineated watercourse determined according to the Departmental guideline - "A practical field procedure for identification and delineation of wetlands and riparian areas."
CEO	The Chief Executive Officer of Catchment Management Agency
CMA	Catchment Management Agency.
Commencement date	The date on which water use starts.
Days	Calendar days.
Delegated Authority	The person that has been delegated certain functions of the Act.
Department	The Department of Water and Sanitation.
Minister	The Minister of the Department of Water and Sanitation.
Provincial Head	Head of Provincial Operations North West operations.
Extent of the watercourse	(a) the outer edge of the 1:100 year floodline or the delineated riparian habitat, whichever is the greatest, measured from the middle of the watercourse of a river, spring, natural channel, lake or dam; and (b) Wetlands and pans: the delineated boundary (outer temporary zone) of any wetland or pan.
Regulated area of a watercourse	(a) The outer edge of the 1 in 100 year flood line and /or delineated riparian habitat, whichever is the greatest distance, measured from the middle of the watercourse of a river, spring, natural channel, lake or dam; (b) In the absence of a determined 1 in 100 year flood line or riparian area the area within 100m from the edge of a watercourse where the edge of the watercourse is the first identifiable annual bank fill flood bench (subject to compliance to section 144 of the Act); or (c) A 500 m radius from the delineated boundary (extent) of any wetland or pan.
Sensitive riffle habitats	A pool riffle rapid sequences that occur where a mixture of flows and depth provide a variety of habitats to support fish and invertebrate life. Pools are deep with slow water. Riffles are shallow with fast, turbulent water running over rocks. Runs are deep with fast water and little or no turbulence.

5 Description of activity and affected water resource(s)

The water use licence authorises Growthpoint Properties Limited in terms of Section 21 (c) and (i) of the National Water Act as there are watercourses that will be impacted. Construction and operation of the Lanseria Ext 11 Development and all associated infrastructure (i.e. water reticulation, access road and sewer package plant) within the 500 m ZoR (GN509) of the UCVB & Seep wetland; Construction and operation of the Lanseria Ext 12 Development and all associated infrastructure (i.e. water reticulation, access road, sewer package plant and stormwater attenuation)

within the 500 m ZoR (GN509) of the UCVB & Seep wetland; Water & Fence Reticulation Infrastructure within a wetland / 1:100-year floodline; Water reticulation and ClearView Fence network for Lanseria Ext 11 crossing the Seep wetland, Water reticulation network and road crossing the UCVB wetland and below the 1:100-year floodline; Portion of Lanseria Ext 11 development within a wetland and pre-development 1:100-year floodline; Construction and operation of a portion of the Lanseria Ext 11 Development (1.02 ha); Stormwater attenuation for Ext 11 within a wetland and pre-development 1:100-year floodline; Construction and operation of a stormwater attenuation facility associated with Ext 11 located with the UCVB wetland and pre-development 1:100-year floodline; Stormwater attenuation for Ext 12 within a wetland and pre-development 1:100-year floodline; Construction and operation of a stormwater attenuation facility associated with Ext 12 located within 500m of a wetland, Wetland Offset for wetland portion compromised by development; Wetland rehabilitation and conservation as part of the wetland offset plan for the portion of the wetland compromised by the development and Pylon CLR 75-7 located within the UCVB and the post development 1:100 floodline.

The proposed establishment is located in Lanseria Extension 11 & 12 within the municipal boundaries of the City of Johannesburg, referred to as "Project Runway". The intention of the application is to permit the development of warehouses / cargo holding areas, which will be utilised to support the Lanseria International Airport. The existing surroundings of the proposed site are low density residential and commercial/industrial in nature. The development will connect to the existing services infrastructure where available. Services Agreements will be entered into dictating the required upgrades and bulk contribution amounts payable by the developer.



APPENDIX I

GENERAL PROVISIONS AND CONDITIONS OF THE LICENCE

1. GENERAL PROVISIONS

Legal Framework

- 1.1 This licence is subject to all applicable provisions of the National Water Act, 1998 (Act 36 of 1998) as amended from time to time.
- 1.2 The licence shall not be construed as exempting the Licensee from compliance with the provisions of any other applicable Act, Ordinance, Regulation or By-law.

Administrative duties/obligations/responsibilities of the licensee

- 1.3 The responsibility for complying with the provisions of the licence is vested in the licensee and not any other person or body.
- 1.4 The licensee will be responsible for any water use charges or levies imposed by a Responsible Authority according to the pricing strategy. The levies/charges will be charged from the date of the issuance of this licence.
- 1.5 No water taken may be pumped, stored, diverted, or alienated for any other purpose other than as intended in this licence without the written approval of the Delegated Authority.
- 1.6 It is the responsibility of the licensee to request an amendment of this licence to reflect the registered volume should the requirements change. All requests must be made to the Provincial Head/CEO.
- 1.7 If the water use licence is not exercised or fully exercised within the 5 (five) year period and the extended 2 (two) year period, as referred to in condition 2.4 and condition 2.5 in appendix I, the licence may be amended to reflect the extent of the water use that is being exercised, or the licence may be withdrawn

Change of property details

- 1.8 Amendment of the licence to reflect the name of the new owner will not be approved if there are any outstanding charges or levies imposed by the Responsible Authority to the previous owner.

Reviewal of licences

- 1.9 The volume authorised in this licence may be reduced when the licence is reviewed.
- 1.10 No water taken may be pumped, stored, diverted, or alienated for any other purpose other than as intended in this licence without the written approval of the Delegated Authority.

Effecting of the Reserve

- 1.11 While effect must be given to the Reserve as determined in terms of the Act, where a desktop determination of the Reserve has been used in issuance of a licence, when a comprehensive determination of the Reserve has finally been made, it shall be given effect to.

Liabilities and Rights

- 1.12 The Department accepts no liability for any damage, loss or inconvenience, of whatever nature, suffered as a result of, shortage of water; inundations or flood; siltation of the resource; and required Reserve releases.
- 1.13 The Minister reserves the right to construct water storage works at any time in any watercourse and to store all surplus water reaching the storage works, as well as to control the allocation of such water.

Restrictions

- 1.14 The licensee must adhere to any restrictions that are gazetted and imposed on the respective water resource.

Water measurement and reporting

- 1.15 The Provincial Head/CEO may at any time direct a licensee, at the licensee's expense, to have the accuracy of the licensee's water measuring device/s verified, in addition to the requirements of their inspection and calibration schedule by a person or an institution accredited to verify the accuracy.

Manholes

- 1.16 The licensee must ensure that:
 - 1.16.1 Manholes are covered at all times with a suitable cover that is not prone to theft and cannot be removed by unauthorised persons;
 - 1.16.2 No new manholes are constructed in the 1:100 year flood line or riparian habitat, whichever is the greatest and / or within the temporary zone of a wetland. Existing

manholes situated within the 1:100 year flood lines must be sealed adequately to ensure no ingress of water during any rainfall event.

Stormwater Management

- 1.17 Stormwater leaving the licensee's premises shall in no way be contaminated by any substance, whether such substance is a solid, liquid, vapour or gas or a combination thereof which is produced, used, stored, dumped, spilled on the premises.

Amendments

- 1.18 The licensee may apply for amendment of this licence in terms of the Act at any time during the period of validity of this licence. Applications must be submitted to the Provincial Head/CEO.

Appeals

- 1.19 If this licence is appealed, it is automatically suspended and the water use activities must cease upon receipt of a notification of the appeal from the Department, alternatively the licensee may request the Minister to lift the suspension pending conclusion of the appeal via the Chief Director Legal Services at the address below:

Private Bag X313,
Pretoria,
0001

2. GENERAL CONDITIONS

Administrative duties/obligations/responsibilities of the Licensee

- 2.1 The licensee must avail an original copy of the water use licence and the supporting reports upon request by the Department.
- 2.2 The conditions of the authorisation must be brought to the attention of all persons (employees, sub-consultants, contractors etc.) associated with the undertaking of these activities and the licensee must take such measures that are necessary to bind such persons to the conditions of this licence.

Commencement of a water use licence.

- 2.3 The licensee must inform the Provincial Head/CEO in writing within seven (07) days after the licensee commences with water use licence and again within thirty (30) days upon completion of the activity/ies.
- 2.4 The water uses authorised in this licence must be fully exercised within five (5) years from the date of issuance of this licence.
- 2.5 If the licensee cannot exercise or fully exercise the water use licence within 5 (five) years, the licensee may request from the Provincial Head/CEO, with reasons, an extension of time to fully utilise the said water use licence, at least three months, before the expiry of the 5 (five) years. Only one request for extension of time, with maximum of 2 (two) years for commencement or of fully exercising of water use licence will be considered.

Change of details of licensee or property

- 2.6 The licensee must inform the Provincial Head/CEO of any change of ownership, name, address, premises and/or legal status within sixty (60) days of such change taking place.
- 2.7 If the properties in respect of this licence is/are subdivided or consolidated, the licensee must provide full details of any change(s) in respect of the properties to the Provincial Head/CEO within sixty (60) days after the registration of title deed(s).
- 2.8 If the licensee is not the end user/beneficiary of the water user related infrastructure and will not be responsible for long term maintenance and management of the infrastructure, the licensee must provide a hand over report to the successor in title including a brief management/maintenance plan and the agreement for infrastructure along with allocation of responsibilities, within sixty (60) days after the date of change of end user or beneficiary.

Early renewal for the Licence

- 2.9 The licensee must, if needed, apply for early renewal of this licence in terms of the Act within one (1) year before the expiry date of a licence. The application must be submitted to the Provincial Head/CEO.

Malfunctions, incidences, contingencies and pollution prevention

- 2.10 The licensee must service all vehicles and other machinery outside the extent of the watercourse/s.
- 2.11 Oils and other potential pollutants must be disposed of at a licensed site, with the necessary agreement from the owner of such a site.
- 2.12 The licensee must handle, transport, store and use any hazardous substances according to the relevant legislation or South African National Standards (SANS).
- 2.13 Accurate and up-to-date records must be kept of all system malfunctions resulting in non-compliance with the requirements of this licence. The records must be available for inspection by the Provincial Head/CEO upon request. Such malfunctions must be tabulated under the following headings with a full explanation of all the contributory circumstances:
- 2.13.1 operating errors;
 - 2.13.2 mechanical failures (including design, installation or maintenance);
 - 2.13.3 environmental factors (e.g. flood);
 - 2.13.4 loss of supply services (e.g. power failure); and
 - 2.13.5 other causes.
- 2.14 The licensee must, within 24 hours, notify the Regional Head/CEO of the occurrence or potential occurrence of any incident which has the potential to cause, or has caused water pollution, pollution of the environment, health risks or which is a contravention of the licence conditions.
- 2.15 The licensee must, within 14 days, or a shorter period of time, as specified by the Provincial Head/CEO, from the occurrence or detection of any incident referred above, submit an action plan which must include a detailed time schedule to the satisfaction of the Provincial Head/CEO of measures to be taken to:

- 2.15.1 correct the impacts resulting from the incident;
 - 2.15.2 prevent the incident from causing any further impacts; and
 - 2.15.3 prevent a recurrence of a similar incident
- 2.16 The licensee must adhere to the Wastewater Incident Management Protocol.
- 2.17 The licensee must compile/develop an environmental call and reporting centre protocol, which must ensure the investigation of every complaint within 24 hours.
- 2.18 The licensee must implement and promote an environmental call and reporting centre.
- 2.19 The licensee must rectify all valid issues reported within seven (7) days of the issue being reported to the licensee. All valid complaints must be recorded in complaints register which will include reasons for non-rectification of issues raised.

Stormwater Management

- 2.20 Increased runoff due to vegetation clearance and/or soil compaction must be managed, and steps must be taken to ensure that storm water does not lead to erosion and excessive levels of silt entering the stream.
- 2.21 Storm water management facilities must be constructed, operated and maintained in a sustainable manner throughout the project as detailed in the Storm Water Management Plan.
- 2.22 Increased runoff due to vegetation clearance and/or soil compaction must be managed, and steps must be taken to ensure that storm water does not lead to bank instability and excessive levels of silt entering the stream.
- 2.23 All storm-water that would naturally run across the dirty areas shall be diverted via lined channels and drains designed to contain the 1:50 year flood.
- 2.24 The dirty storm water system shall be designed and implemented to provide suitable routing and pumping capacity for contaminated storm water from the individual facilities to the respective storm water dams in accordance with the design specifications.
- 2.25 Clean storm water must be diverted from construction works and must be managed in such a manner as to disperse runoff and to prevent the concentration of storm water flow.
- 2.26 The licensee must ensure that no storm water should ingress into the wastewater system and that there is no wastewater ingress into the storm water system.
- 2.27 Wastewater impoundments must be designed, constructed and managed to ensure that there is sufficient capacity to contain the 1:50 year flood event, with a minimum of 0.8 m freeboard.

Freeboard will be defined as the difference between the water level and the crest of the overflow.

Restrictions on access

- 2.28 Strict access procedures must be developed and followed in order to control access to the property. Access to the facility/ies must be limited to authorised persons and animals.
- 2.29 Notices prohibiting unauthorised persons from entering the areas as well as internationally acceptable signs indicating the risks involved in case of an unauthorised entry must be displayed along the boundary fence of these areas.

Auditing and reporting

- 2.30 The licensee must conduct annual internal audits on compliance with the conditions of this licence. The first audit must be conducted within ninety (90) calendar days from the date of commencement of water use entitlement. A report on internal audits must be submitted to the Provincial Head/CEO within sixty (60) calendar days of the finalisation of the audits.
- 2.31 The licensee must appoint an independent external auditor to conduct biennial (every two (2) years) external audits on compliance with the conditions of this licence. The first audit must be conducted and finalised within one (1) year after commencement of a water use. A report on the audit must be submitted to the Provincial Head/CEO within sixty (60) calendar days of the finalisation of each audit.

Compensative measures

- 2.32 The licensee must prevent adverse effects on other water users. All complaints must be recorded in complaints register and be investigated by a suitable qualified person, accredited by an institution/ registration body, appointed by the licensee, and if investigations prove that the licensee has impaired the rights of other water users, the licensee must implement appropriate compensative measures as determined by the Minister.

Closure Plan

- 2.33 A closure plan of any of the water use activities must be submitted one (1) year before commencing with closure to the Provincial Head/CEO for written.



APPENDIX II

Section 21(c) water use: Impeding or diverting the flow of water in a watercourse/s Section 21(i) water use: Altering the bed, banks, course or characteristics of a watercourse/s

1. Section 21 (c) and (i) activities

- 1.1 This licence authorises the Section 21(c) or (i) water use activities as set out in Table 3 and in the water use licence application reports submitted to the Department or the Regional Head (refer condition 1.2)

Table 1: Water uses authorised

Water use(s)	Property	Purpose	Co-ordinates	Material and Dimensions
Lanseria Ext 11 & 12 Development and Associated Infrastructure within 500m of a wetland				
Construction and operation of the Lanseria Ext 11 Development and all associated infrastructure (i.e. water reticulation, access road and sewer package plant) within the 500 m ZoR (GN509) of the UCVB & Seep wetland.	Portion 32 (a portion of Portion 1) of the farm Botesdal 529-JQ A portion of the Remaining Extent of Portion 1 of the farm Botesdal 529-JQ	Construction and operation of Lanseria Ext 11 Development & associated service infrastructure within 500m of a wetland.	Development: 25°56'43.12"S 27°55'47.35"E & 25°56'47.94"S 27°55'49.14"E Water: <u>Start:</u> 25°57'3.72"S 27°55'27.16"E <u>End:</u> 25°56'41.94"S 27°55'50.18"E Access Road: 25°56'41.10"S 27°55'49.94"E Package plant: 25°56'40.25"S 27°55'49.70"E	Development: General building material H:25m L: 102m; 261m W: 187m; 156m Water: uPVC H: 0.11m L: 1016m W: 0.11m Road: gravel, tar, concrete H:1 m L: 22m W: 7.4m Package plant: L: 28m W:16m Capacity: 75m ³ Discharge: 2L/s
Construction and operation of the Lanseria Ext 12 Development and all associated infrastructure (i.e. water reticulation, access road, sewer package plant and stormwater attenuation) within the 500 m ZoR (GN509) of the UCVB & Seep	Portion 80 (a portion of Portion 55) of the farm Bultfontein 533-JQ Holding 1, Sunrella A.H	Construction and operation of Lanseria Ext 12 Development & associated service infrastructure within 500m of a wetland.	Development: 25°56'32.01"S 27°55'50.29"E 25°56'28.97"S 27°55'55.14"E Water: <u>Start:</u> 25°56'41.73"S 27°55'50.56"E <u>End:</u> 25°56'33.80"S 27°55'53.39"E Road:	Development: General building material H: 25m L: 131m; 274m W: 234m; 160m Water: H: 0.11m L: 217m W: 0.11m Road: gravel, tar, concrete H: 1m

Water use(s)	Property	Purpose	Co-ordinates	Material and Dimensions
wetland.			<u>Start:</u> 25°56'36.65"S 27°55'50.97"E <u>End:</u> 25°56'25.87"S 27°55'59.95"E Package plant:	L: 452m W: 7.4m Package plant: L: 28m W: 16m Capacity: 75m3
Water & Fence Reticulation Infrastructure within a wetland / 1:100-year floodline				
Water reticulation and ClearView Fence network for Lanseria Ext 11 crossing the Seep wetland.	A portion of the Remaining Extent of Portion 1 of the farm Botesdal 529-JQ	Construction and operation of the water reticulation network to supply water to the Ext 11 development within a seep wetland	Start 25°56'53.59"S 27°55'48.88"E End 25°56'51.75"S 27°55'52.93"E	Upvc Water: H: 0.11 m L: 126m W: 0.11m
Water reticulation network and road crossing the UCVB wetland and below the 1:100-year floodline. The proposed water reticulation network will be constructed within a road reserve and registered servitude and is proposed to connect to an existing water reticulation network.	Portion 32 (a portion of Portion 1) of the farm Botesdal 529-JQ Portion 80 (a portion of Portion 55) of the farm Bultfontein 533-JQ	Construction and operation of the water reticulation network to supply water to the Ext 12 development within the UCVB wetland and pre-development 1:100-year floodline.	Start 25°56'38.61"S 27°55'49.68"E End 25°56'36.58"S 27°55'50.80"E	Water: uPVC H: 0.11m L: 83m W: 0.11m Road: gravel, tar, concrete H: 1 m L: 50m W: 7.4m
Portion of Lanseria Ext 11 development within a wetland and pre-development 1:100-year floodline				
Construction and operation of a portion of the Lanseria Ext 11 Development (1.02 ha)	Portion 32 (a portion of Portion 1) of the farm Botesdal 529-JQ	Construction and operation of a portion of Lanseria Ext 11 Development within the UCVB wetland and pre-development 1:100-year floodline.	25°56'37.46"S 27°55'46.90"E	Development: General building material H: L: 200m W: 110m Size: 1,02 ha

Water use(s)	Property	Purpose	Co-ordinates	Material and Dimensions
Stormwater attenuation for Ext 11 within a wetland and pre-development 1:100-year floodline				
Construction and operation of a stormwater attenuation facility associated with Ext 11 located with the UCVB wetland and pre-development 1:100-year floodline	Portion 32 (a portion of Portion 1) of the farm Botesdal 529-JQ	Construction and operation of a of the Ext 11 stormwater attenuation facility within the UCVB wetland and pre-development 1:100-year floodline	25°56'37.63"S 27°55'48.25"E	Stormwater attenuation: H: 1.5m L: 57m W: 31m Capacity: 2976m ² Discharge pre-development: 1,664m ³ /s Discharge post-development: 4,992m ³ /s
Stormwater attenuation for Ext 12 within a wetland and pre-development 1:100-year floodline				
Construction and operation of a stormwater attenuation facility associated with Ext 12 located within 500m of a wetland	Holding 1, Sunrella A.H	Construction and operation of a of the Ext 12 stormwater attenuation facility	- 25.940481576628 745 27.933058400372 385	Stormwater attenuation: H: 1.5m L: 57m W: 31m Capacity: 2976m ²
Wetland Offset for wetland portion compromised by development				
Wetland rehabilitation and conservation as part of the wetland offset plan for the portion of the wetland compromised by the development.		Wetland rehabilitation and conservation of portions outside of the Project Runway footprint area for the portion of the wetland compromised by the development.	Start: 25°56'31.47"S 27°56'1.40"E End: 25°56'17.99"S 27°55'50.65"E	Rehabilitation and Conservation of wetland
OHPL supply to development				
Pylon CLR 75-7 located within the UCVB and the post development 1:100 floodline	Portion 32 (a portion of Portion 1) of the farm Botesdal 529-JQ	Supply of power from Eskom to the development	- 25.943866543578 583 27.930348676771 73	Wood, steel H: 15m L: 5m W: 1m

1.2 The licensee must carry out and complete all the activities listed under condition 1.1 according to the following Reports in table 4:

Table 4: List of reports and other technical documents

Number	Report Title	Compiled by	Date of Report
1.	Final Basic Assessment	Seedcracker Environmental Consulting	November 2023
2.	Final Environmental Management Program (EMPr)	Seedcracker Environmental Consulting	November 2023
3.	Freshwater Assessment Report and Wetland Offset Proposal	Scientific Aquatic Services	December 2022
4.	Wetland Rehabilitation and Management Plan	Scientific Aquatic Services	June 2023
5.	Draft Service report	E.D.S Structural, civil and Transportation Engineers	March 2023
6.	Hydropedological Assessment	Zimpande Resource Collaborative	March 2023
7.	Floodline Assessment	EDS Engineering	March 2023
8.	Engineering reports and Designs	EDS Engineering	June 2024

- 1.3 No activity must take place within the extent of a watercourse/s, unless authorised by this licence.
- 1.4 No fundamental alterations of the work method statement, site plan/s and drawings are allowed, unless a modification is requested and granted by the responsible authority in writing; and
- 1.5 The new proposed wetland offset plan must be implemented.
- 1.6 The wetland offset targets must be met.

2. FURTHER REQUIREMENTS

- 2.1 For all the activities listed under condition 1.1, “as-built” plans and engineering drawings prepared by a registered professional engineer, must be submitted to the responsible authority within six (6) months of completion of new activities and for existing water uses within six (6) months of the date of issuing of this licence. These plans and drawings must indicate the watercourse/s including wetland boundaries and layout and structure location/s of all infrastructure impeding and/or diverting flow of water in the watercourse/s as well as alternations to watercourse/s on the property/ies.

2.2 Structures, Construction Plant and Materials

- 2.2.1 Structures must withstand a 1:100 year flood.
- 2.2.2 Structures must be non-erosive, structurally stable and must not induce any flooding or safety hazard.

- 2.2.3 Structures must be inspected for a minimum of once a quarter for accumulation of debris, blockage, erosion of abutments and overflow areas - debris must be removed and damages must be repaired and reinforced within a reasonable time.

2.3 Flow

- 2.3.1 The diversion activities must be conducted in a manner that does not negatively affect the yield of the water course where the activity will take place. The licensee must ensure that the overall magnitude and frequency of flow in the watercourse/s does not decrease, other than for natural evaporative losses and authorised attenuation volumes.
- 2.3.2 Where flow in watercourse/s is permanent, the trench must be staged across part of the channel to maintain flows. Flows must not be stopped unless essential, if necessary to stop flows it must be for a minimal time only.

2.4 Riparian and Instream Habitat (Vegetation and Physical Structure)

- 2.4.1 Activities must start up-stream and proceed into a down-stream direction where feasible, so that the recovery processes can start immediately, without further disturbance from upstream works.
- 2.4.2 Operation and storage of equipment within the riparian habitat must only take place within the approved limits of disturbance indicated in the site plans and work method statements.
- 2.4.3 Activities must not occur in sensitive riffle habitats unless authorised by this licence.
- 2.4.4 Indigenous riparian vegetation, including dead trees, outside the limits of disturbance indicated in the site plans must not be removed from the area.
- 2.4.5 Alien and invader vegetation must not be allowed to further colonise the area, and all new alien vegetation recruitment must be sustainably eradicated or controlled.
- 2.4.6 Soils that have become compacted through the water use activities must be loosened to an appropriate depth to allow seed germination.
- 2.4.7 Stockpiling of removed soil and sand must be stored outside the extent of the watercourse/s, to prevent being washed into the watercourse/s and must be covered to prevent wind and rain erosion.
- 2.4.8 The use of machinery within the instream and riparian habitat will lead to compaction of soils and vegetation and must be restricted to demarcated areas only.

2.5 Biota

- 2.5.1 The licensee must allow movement of aquatic species, including migratory species where applicable.
- 2.5.2 Ensure implementation of all mitigation measures not to disturb the breeding, nesting and/or feeding habitats and natural movement patterns of aquatic biota.

2.6 Rehabilitation and Management

- 2.6.1 The licensee must implement the rehabilitation programme to restore the watercourse/s to environmentally acceptable and sustainable conditions after completion of the activities as outlined in the rehabilitation plan.
- 2.6.2 The rehabilitation must be implemented according to the approved Rehabilitation Plan
- 2.6.3 All disturbed areas must be re-vegetated with indigenous plants in consultation with an indigenous plant expert, ensuring that during rehabilitation only indigenous shrubs, trees and grasses are used in restoring the biodiversity.

3. MONITORING AND REPORTING

- 3.1 The monitoring plan must be implemented and reporting done to the Provincial Head/CEO as stipulated under condition 3.2.
- 3.2 Six (6) monthly monitoring reports must be submitted to the Provincial Head/CEO for the duration of the construction phase and yearly thereafter or until otherwise agreed in writing with the Regional Head/CEO.

4. SITE SPECIFIC CONDITIONS

- 4.1. The authorities shall not be held responsible for any damages or losses suffered by the applicant or its successor in title in any instance where construction or operation subsequent to construction is temporarily or permanently stopped for reasons of non-compliance by the applicant with the conditions of approval as set out in this document or any other subsequent document emanating from these conditions of acceptance.
- 4.2 Commencement: One month's written notice must be given to the authority before commencement of construction activities. Such notice shall make clear reference to the site location details and the reference number of the project as indicated above and include a rudimentary construction program. Similarly one month's written notice must be given to the authority before commencement of the operational phase activities.
- 4.3 Deviation from accepted design: The license holder must notify the Department in writing, within 24 (twenty four) hours if any condition of this design and its acceptance cannot be, or

is not, adhered to during construction and operation. The notification must be supplemented with reasons for non-compliance, and include proposed rectification measures.

- 4.4 Validity: These conditions apply only to the proposed infrastructure in the stormwater management reports and outline scheme reports, dated April 2024 by F.H.B van Eyk (PrEng:20160826); provided such is implemented within a period of three (3) years from date of approval, unless superseded by Regulations prior to that date and for the quantity and quality of water specified therein.
- 4.5 Design detail and construction quality assurance: Due to the design of the stormwater attenuation facilities and sewage treatment plant being at a largely conceptual phase with detail design still to be undertaken, the license holder shall confirm in writing that the construction shall conform to at least the Municipal Standards and SANS 1200 standards for construction.
- 4.6 Construction Completion Report: The license holder shall provide the authority with the engineers certificate of completion (COC) and supporting documentation to confirm that construction was in accordance with the accepted conceptual design and design report commitments as well as conditions of authorization for written acceptance prior to use.
- 4.7 For sewer manholes within the 1:100 year floodline, the manhole lid invert levels shall be at least 100mm above the 1:100 year flood level and sewer pipelines crossing watercourses shall be HDPE pipeline that is either flanged or continuously butt-welded.

