

DEPARTMENT OF INFRASTRUCTURE, WATER AND TECHNICAL SERVICES

☒ 59

80 Independence Avenue
WINDHOEK, NAMIBIA

Tel: (+264) 61 290 2335

e-mail: INF@windhoekcc.org.na

www.cityofwindhoek.org.na



ENQ: S. Mulele
DATE: 17/06/2024

TEL: 061- 290 3067
REF: 16/1

Namib Poultry Industries (PTY) Ltd
P.O. Box 20276,
Klein Okapuka Farm, B1 Highway
Windhoek.
Namibia

Dear Ms. E. Gustavo

**RE: APPLICATION FOR AUTHORIZATION TO SINK TEN (10) BOREHOES FOR
EXPLORATION OF GROUNDWATER POTENTIAL TOWARDS
UTILIZATION FOR INDUSTRIAL PURPOSES ON PORTION 7 OF FARM
KLEIN OKAPUKA NO. 51.**

1. Your application dated 16 April 2024 on the above subject matter, refers.
2. The application is for authorization to sink additional explorative boreholes on the above-named farm to establish potential for future abstraction and use as reserve water supply source for industrial purposes.
3. The presented total water demand for the operation is 2850 m³ per day at maximum operational capacity. However, the present scale of operations requires 2000 m³ per day, met through the following available sources;
 - 3.1 1000 m³ per day is supplied from NamWater.
 - 3.2 600 m³ per day is from recycled process water.
 - 3.3 330 m³ per day is from abstraction from existing old boreholes.
4. The application is made given the current water security outlook, where the supply of 1000 m³ per day from NamWater is uncertain and thus alternative sources are required to ensure uninterrupted production operations. The recent borehole drilling program secured 530m³ per day towards the referred uncertain volume, however an additional 470 m³ per day remains unmet and is required to holistically address the shortfall should any interruptions occur.
5. The City considered the above provided information and prior engagements on the matter and resolved as follows;
 - 5.1 The drilling of ten (10) explorative boreholes **is approved**, subject to the following;
 - i. The maximum drilling depth of the borehole shall be 200m. This depth shall not be exceeded unless authorised after a request is submitted to the Strategic Executive Infrastructure, Water and Technical Services or Delegate.
 - ii. That an appropriate size casing should be installed to accommodate a 25mm pipe for the monitoring of water levels. Else, provision should be made for removal of

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installation when so required for monitoring of water levels by the City as and when required.

- iii. A borehole completion report must be submitted to the City providing all details of the drilled borehole.
 - iv. Rock or drill chips from the boreholes are to be collected by the Drilling Contractor and preserved during the works, at 1meter intervals. In the absence of a Hydrogeologist, it is your responsibility to describe the rock samples and take a photograph of their drilling sequence on the ground. The drill chips shall be collected in drill chip trays and submitted, together with above information, to the City after completion of drilling.
 - v. It is important to note that test pumping of the borehole will be crucial to establish the sustainability and effect of abstraction from any other existing boreholes on the aquifer. In addition, test-pumping data will be considered in the allocation of a quota for abstraction should it be necessary.
 - vi. A water sample must be collected and tested for quality before the water is used for any purposes envisaged and the results should be submitted to the City.
 - vii. No works shall begin prior to issuing a notification five (5) days in advance to the responsible Municipal official as per details provided.
 - viii. This letter does not automatically constitute approval for abstracting of water from the borehole. Once successful, application to abstract water shall be submitted separately and allocation of a quota for abstraction will be determined based on test pumping information supplied, if deemed necessary.
 - ix. Further, take note that should the municipal water supply infrastructure extend to service the area in future, rights over use of the borehole shall be ceded to the City.
- 5.2 That since no authorization exists for the current abstractions from the existing boreholes, an interim application to abstract be made with the City, however a final application will be required for the entire borehole scheme once all the work is completed.
- 5.3 That the use of the existing and future boreholes constitutes a wellfield or a water supply scheme and thus environmental approvals will be required prior any allowance for bulk abstractions.
- 5.4 That the operation of the developed scheme will be further subject to a formal tripartite understanding or agreement between the City, NamWater and NPI.
- 5.5 This approval will come to expiry on the 30 June 2026 if unutilised.
- 5.6 Should you accept the above stated conditions, please complete Annexure 1(a) to this letter and return for official confirmation. Failure to returning a signed form, shall be deemed negation of the conditions and thus render this authorization invalid.

You are herewith requested to confirm your acceptance of the above conditions by signing and returning this notice within 7 days of receipt.

**RE: APPLICATION FOR AUTHORIZATION TO SINK TEN (10) BOREHOES FOR
EXPLORATION OF GROUNDWATER POTENTIAL TOWARDS UTILIZATION
FOR INDUSTRIAL PURPOSES ON PORTION 7 OF FARM KLEIN OKAPUKA NO.
51.**

We trust the above is found in order.

Sincerely,

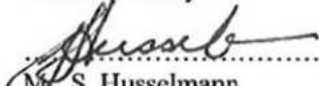
[Recommended / ~~Not Recommended~~ - for Approval]


.....
Mr. D. Louw

ACTING CHIEF ENGINEER: BULK WATER & WASTEWATER

[Approved / ~~Not Approved~~]

Yours sincerely


.....
Mr. S. Husselmann

**ACTING STRATEGIC EXECUTIVE: INFRASTRUCTURE, WATER
AND TECHNICAL SERVICES**

Cc: The Chief Executive Officer; Namibia Water Corporation Limited.

18.06.2024

DEPARTMENT OF INFRASTRUCTURE, WATER AND TECHNICAL SERVICES

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The Gateway to Endless Opportunities

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Namib Poultry Industries (PTY) Ltd
P.O. Box 20276,
Klein Okapuka Farm, B1 Highway
Windhoek.
Namibia

Dear Ms. E. Gustavo

**RE: APPLICATION FOR AUTHORIZATION TO ABSTRACT GROUNDWATER
FROM ONSITE BOREHOLES FOR INDUSTRIAL PURPOSES
(AGRICULTURAL PROCESSING) ON PORTION 7 OF FARM KLEIN
OKAPUKA NO. 51.**

1. Your application dated 19 September 2024 on the above subject matter, refers.
2. The application is for authorization to abstract groundwater from boreholes on the property towards security of supply in times of restricted supply from conventional sources.
3. Groundwater abstracted from the boreholes will be utilized for purposes of agricultural food processing, in anticipation of insecure supply from the Namibia Water Corporation (NamWater), should drought conditions prevail.
4. The required volume for abstraction is 1 180 m³ per day from the following boreholes:
 - 4.1 Boreholes BH06 and BH07, that are legacy boreholes with combined sustainable yield of 330m³ per day.
 - 4.2 Boreholes WW205933 and WW205934 from 2023 drilling campaign with combined sustainable yield of 450m³ per day.
 - 4.3 Boreholes WW205950, WW205951, WW205953 and WW205954 from 2024 drilling campaign with a combined sustainable yield of 400m³ per day.
5. The combined scheme capacity comprising of old and new boreholes totals a sustainable yield of 424, 800 m³ per annum.
6. This application was reviewed with consideration of prior correspondences and conditions therein. The following conditions were taken into account in fulfilment towards consideration for authorization to abstract from the scheme:
 - 6.1 That the applicant submits proof of environmental clearance certificate.
 - 6.2 That the applicant develops and submit a water management plan.
 - 6.3 That a tripartite agreement be reached between NamWater, the City of Windhoek and the applicant, on utilization of the developed scheme.

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7. Taking into consideration the following factors; (a) the outcomes of the drilling campaigns (2023 and 2024), prior existing information and latest results from testing of old pre-existing boreholes and (c) conditions highlighted in point 6 above, it was resolved as follows;

7.1 That your application for abstraction from the stated boreholes (point 4.1-4.3) can only be approved as interim measure for the remaining term to the end of the 2024/25 rainy season. Thus, this interim authorization is approved for abstraction of 424 800m³ per annum premised on the present state of water security to the central areas and standard conditions of Annexure 1(b).

7.2 Formalization of authorization to abstract in the 2025/26 rainy season shall be subject to the declared water security situation and further to the following;

7.2.1 That the applicant submits proof of environmental clearance.

7.2.2 That the applicant develops and submit a water management plan.

7.2.3 That a tripartite agreement be reached between Namwater, the City of Windhoek and the applicant, on utilization of the developed scheme.

7.2.4 Comprehensive submission of a monitoring data and report

7.3 Meanwhile, the City of Windhoek will continue to review and validate the results from the completed drilling campaigns for comprehensiveness.

8. Should you accept the above stated conditions, please complete Annexure 1(a) to this letter and return for official confirmation. Failure to return a signed form, shall be deemed negation of the conditions and thus render this authorization invalid.


You are herewith requested to confirm your acceptance of the above conditions by signing and returning this notice within 7 days of receipt.

We trust the above is found in order.

Sincerely,

Recommended ☒

Not Recommended ☐

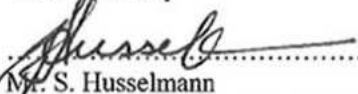

.....
Mr. D. Louw

ACTING CHIEF ENGINEER: BULK WATER & WASTEWATER

Approved ☒

Not Approved ☐

Yours sincerely


.....
Mr. S. Husselmann

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AND TECHNICAL SERVICES**

Cc: The Chief Executive Officer; Namibia Water Corporation Limited.