

**8.  
FINAL DRAFT WATER SERVICES DEVELOPMENT PLAN FOR 2022/23**

1/1/6

H Blignaut  
13 May 2022

Deputy Director : Engineering Services

**(028) 313 5047**

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**1. Executive Summary**

The purpose of this report is to table the Final Draft Water Services Development Plan (WSDP) or IDP Water Services Sector Input Report for the 2022/23 financial year.

**2. Service Delivery and Budget Implementation Plan - IGNITE**

Directorate: Infrastructure & Planning  
Department: Engineering Planning

**3. Compliance with Strategic Priorities**

Provision of democratic, accountable and ethical governance  
Provision and maintenance of municipal services  
Creation and maintenance of a safe and healthy environment  
The encouragement of structured community participation in the matters of the municipality  
Promotion of tourism, economic and social development

**4. Delegated Authority**

None

**5. Legal Requirements**

Water Services Act, Act 108 of 1997, sections 12 to 18

**6. Background/Evaluation/Conclusion****Background**

In terms of sections 12 to 18 of the Water Services Act, Act 108 of 1997, a municipality must prepare a WSDP, as part of the Integrated Development Planning (IDP) process.

**Discussion**

The Final Draft 2022/23 WSDP was compiled in accordance with the requirements of the National Department of Water and Sanitation, as set out in the Water Services Act, Act 108 of 1997.

Council took cognisance of the Draft WSDP for 2022/2023 on 30 March 2022. The availability of the Draft WSDP for comment was subsequently advertised in the local newspapers (refer to Annexure B). The period for submission of comments closed on 29 April 2022.

Copies of the document were placed at the various Overstrand area management offices and libraries. During this period, it was also made available for scrutiny on Overstrand Municipality's web site.

The Draft WSDP was also distributed to the relevant provincial government departments, i.e. Water and Sanitation, Provincial Treasury, and Local Government, as well as to Overstrand Municipality's neighbouring water services authorities (municipalities), and to the Overberg Water Board, and the Breede Gouritz Catchment Management Agency (BGCMA).

### **Evaluation**

Only one comment was received on the Draft WSDP – refer to Annexure C. The comment was received from Mr F Krige of Bettiesbaai. Mr Krige commended the WSDP report and provided a short summary of the main aspects covered in the WSDP report, with emphasis on the Buffelsrivier and Kleinmond water supply areas. He pleaded that serious consideration be given to the recommendation in the WSDP that Overstrand Municipality must secure adequate funds for the rehabilitation and maintenance of its existing infrastructure. This aspect is covered on pages 64, 100, 101, and 105 of the WSDP.

Several other e-mails have been received at the e-mail address noted in the advertisement inviting comments on the Draft WSDP, but all were directed at the proposed high density housing project for Bettiesbaai as mentioned in the IDP, and all have been addressed in the separate report with the comments received on the Draft IDP.

Amendments to the Final WSDP include the following:

Council's recent approval of the Amended Water Supply and Sanitation Bylaw is mentioned on pages 45 and 55 of the WSDP.

The recent publication of the Department of Water and Sanitation's 2022 Green Drop and Blue Drop reports was included on pages 67 to 76 and 92 to 98 of the WSDP.

### **Conclusion**

The Final Draft WSDP for 2022/23 can be tabled to Council for approval.

## **7. Financial Implications**

Not applicable

**8. Staff Implications**

Not applicable

**9. Comments from other Departments, Divisions and Administrations**

None

**10. Annexures**

Annexure A: Final Draft 2022/23 WSDP (hard copies of the document will be distributed with the agenda)

Annexure B: Notice inviting comments on the Draft WSDP

Annexure C: Comment received on the Draft WSDP

**RECOMMENDATION TO THE COUNCIL:**

that the Final Draft Water Services Development Plan (WSDP) for 2022/23 **be approved.**

**RESPONSIBLE OFFICIAL:****H BLIGNAUT****TARGET DATE FOR IMPLEMENTATION:****1 JULY 2022****TARGET DATE TO INFORM APPLICANT:****NOT APPLICABLE****TARGET DATE TO INFORM OBJECTOR:****NOT APPLICABLE**



OVERSTRAND MUNICIPALITY  
OPPORTUNITY TO SUBMIT REPRESENTATIONS:

OVERSTRAND MUNISIPALITEIT  
GELEENTHEID OM VERTOË TE RIG:

1. KONSEP GEWYSIGDE GEÏNTEGREERDE ONTWIKKELINGSPLAN (GOP) VIR 2017/2023 EN VERWANTE DOKUMENTE
2. KONSEP WATERDIENSTE ONTWIKKELINGSPLAN (WDOOP) VIR 2022/23

KENNIS GESKIED HIERMEE dat die volgende dokumente vir vertoë beskikbaar is vanaf 01 April 2022.

- Konsep gewysigde Geïntegreerde Ontwikkelingsplan (GOP) in terme van artikel 25 (3) van die Wet op Plaaslike Regiering, Munisipale Stelsels, 2000 (Wet 32 van 2000);
- Konsep sleutel prestasie indikatore en teikens vir 2022/23 (Konsep Diensteleerings en Begrotingsimplementeringsplan (DBIP));
- Konsep Waterdienste Ontwikkelingsplan (WDOOP) as 'n sektorale plan tot die GOP in terme van artikels 12 tot 18 van die Wet op Waterdienste, 1997 (Wet 108 van 1997)

Die plaaslike gemeenskap word uitgenooi om skriftelike vertoë met betrekking tot die dokumente voor te lê teen Vrydag, 29 April 2022 om 12:00 deur dit te rig aan die Munisipale Bestuurder (vir aandag Me R. Louw- Konsep gewysigde GOP, Konsep DBIP en Mnr. H Bignaut- Konsep WDOOP) by ondersaande faksnummer of epos adresse.

Die Raad sal die Finale gewysigde GOP vir 2017/2023 en Finale WDOOP vir 2022/23 tydens 'n vergadering wat op 31 Mei 2022 gehou staan te word, tesame met alle kommentaar of vertoë wat ontvang is, oorweeg.

Die dokumente is gedurende kantoornure ter insae by die kantore van die Areabestuurders in Gansbaai, Stanford, Hermanus en Kleinmond, in alle openbare biblioteke in die Overstrand, die Korporatiewe Hoofkantoor van die munisipaliteit in Hermanus en op die munisipaliteit se webwerf by [www.overstrand.gov.za](http://www.overstrand.gov.za) onder strategiese dokumente.

Personne wat nie kan skryf nie, kan gedurende kantoornure by die onderskeie Areabestuurders in Gansbaai, Stanford, Hermanus of Kleinmond besoek aflê, waar daardie persone gehelp sal word om hul kommentaar of vertoë op skrif te stel.

DGI O'NEILL  
MUNISIPALE BESTUURDER

Overstrand Munisipaliteit  
Posbus 20  
HERMANUS  
7200  
Kennisgewingsnommer: 37/2022

Faksnummer: 028-312 1894  
E-posse: [rlouw@overstrand.gov.za](mailto:rlouw@overstrand.gov.za) (GOP & DBIP)  
[hbignaut@overstrand.gov.za](mailto:hbignaut@overstrand.gov.za) (WDOOP)

1. DRAFT AMENDED INTEGRATED DEVELOPMENT PLAN (IDP) FOR 2017/2023 AND RELATED DOCUMENTS
2. DRAFT WATER SERVICES DEVELOPMENT PLAN FOR 2022/23

NOTICE IS HEREBY GIVEN that the following documentation is available for comment as from 01 April 2022:

- Draft amended Integrated Development Plan (IDP) in terms of section 25 (3) of the Municipal Systems Act No 32 of 2000
- Draft key performance indicators (KPI's) and targets for 2022/23 (Draft Service Delivery and Budget Implementation Plan (SDBIP));
- Draft Water Services Development Plan (WSDP) as a sectoral plan to the IDP in terms of sections 12 to 18 of the Water Services Act, 1997 (Act no. 108 of 1997).

The local community is invited to submit written representations in connection with the documents by Friday, 29 April 2021 at 12:00 to the Municipal Manager (For attention Ms. R Louw - Draft amended IDP, Draft SDBIP and Mr. H Bignaut - Draft WSDP) at the under-mentioned fax number or email addresses.

The Council will consider the Final amended IDP for 2017/2023 and Final WSDP (2022/23) together with all the comments and representations received during a meeting which is scheduled to take place on 31 May 2022.

The documents will be available for perusal during office hours at the offices of the Area Managers in Gansbaai, Stanford, Hermanus and Kleinmond, in all the public libraries in the Overstrand, the Corporate Head Office of the municipality in Hermanus and on the municipality's website at [www.overstrand.gov.za](http://www.overstrand.gov.za) under strategic documents.

Persons who cannot write can visit the Area Managers in Gansbaai, Stanford, Hermanus and Kleinmond during office hours where such persons will be assisted to transcribe their comments or representations.

DGI O'NEILL  
MUNICIPAL MANAGER

Overstrand Municipality  
PO Box 20  
HERMANUS  
7200  
Notice number: 37/2022

Fax number: (028) 312 1894  
E-mails: [rlouw@overstrand.gov.za](mailto:rlouw@overstrand.gov.za) (IDP & SDBIP)  
[hbignaut@overstrand.gov.za](mailto:hbignaut@overstrand.gov.za) (WSDP)

UMASIPALA WASEOVERSTRAND  
ITHUBA LOKUWAKALISA IZIMVO;

1. ISICWANGCISO SOPHUHLISO OLUDIBENEYO ESIQULUNQWAYO ESISHLAZIYWEYO SOWAMA-2022/23 NAMAXWEBHU ANKULUMENE NOKO
2. ISICWANGCISO ESISIQULUNQWAYO SOLAWULO LWAMANZI SOWAMA-2022/23

ESI SISAZISO sokuba lamaxwebhu alandelayo ayafumaneka ukuba abantu bavakalise izimvo zabo ngawo wama-01 Epreli 2022.

- Isicwangciso esisiqukunqwayo sophuhliso oludibeneyo (IDP) ngokwecandelo lama-25(3) lokuthetho weeNiqubo zomMasisipala uNombolo 32 wama-2000;
- Ukuhlaziya kwaKwezibonisi eziphambili zokusebenza (KPI's) nezinto ekujoliswe kuzo kowama-2022/23 (Isicwangciso esisiqukunqwayo sokunikezelwa kweenkonto nokuseyenziswa kwebhujethi (SDBIP));
- Isicwangciso esisiqukunqwayo solawulo lwamanzi njengesicwangciso sehlobo lomsebenzi kwi-IDP ngokomthetho kaZwetonke wokulawula okuSinqongileyo: Umthetho we 12 ukuya ku 18 wenkonzo zolawulo lwamanzi umthetho, 1997 (Umthetho 108 ka 1997).

UJuntu luyaminywa ukuba lungenise izimvo zalo kuMasisipala malunga nala maxwebhu mathathu. Oku malenziwe phambi kombha wama-29 Epreli 2022 ngemibini ye 12:00 kuMphathi kaMasisipala (kubhalatwe ku: Ms. R Louw -Draft amended IDP, Draft SDBIP and noMnu. H Bignaut - Draft WSDP) jule difesi ilapha ngezantsi okanye ifeksi.

IBhunga liza kulungisa uhlaziyo lwesicwangciso esisiqukunqwayo sophuhliso oludibeneyo lokugqibela (IDP) lomnyaka wama 2017/23, nolwe-sicwangciso esisiqukunqwayo solawulo lwamanzi (WSDP) lwama 2022/23, kunye ne Ngxelo yonyaka wama 2019/20 ludibene nazo zonke izimvo eznye zaveliswa nazo zingene ngesha lentlanganiselo emiselwe umhla wama-31 Meyi 2022.

La maxwebhu aza kufumaneka ngesha leeyure zomsebenzi kwii-ofisi zabalawuli baNgingqi eGansbaai, eStanford, eHermanus naseKleinmond, kuwo onke amathala eencwadi eOverstrand, kwaNtulunkulu eHermanus nakwi-webhusayithi kamasisipala ku-[www.overstrand.gov.za](http://www.overstrand.gov.za) Phantsi kwegama elifni: (Strategic documents).

Abantu abangakwaziyo ukubhala bangandwendwela aba Phathi be Ngingqi e-Gansbaai, Stanford, Hermanus nase Kleinmond ngamaxesha omsebenzi apho lomtu anokufumana uncedo ekubhaleni ezakhe izimvo.

DGI O'NEILL  
UMPHATHI KAMASIPALA

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Inombolo yesaziso: 37/2022



We belong

We care

We serve

Annexure 4/13

**2022/23 IDP Review and Budget****Water Services Plan impresses**

Probably the most thorough and comprehensive report in the set of documents released for public comment the 2022/23 IDP Review and Budget process, is the Water Services Development Plan (WSDP).

This report was compiled by iX engineers (Pty) Ltd for Overstrand Municipality and Jaco Human is indicated as the contact person at that firm. Credit is also given to Overstrand's Deputy Director of Infrastructure and Planning, Hanré Blignaut, and water planning manager Patrick Robinson.

Congratulations to all of them!

The 156 page report provides sections for a status quo overview, the state of planning for water services, an existing needs perspective, the objectives and strategies for water services, projects in the medium term expenditure framework and projects of the Water Services Development Plan.

My focus will be on the Buffels River and Kleinmond Water systems, two of the eight distribution networks in the municipality's management area. Among the most significant challenges experienced by Overstrand Municipality from a water and sanitation services delivery perspective, as summarised in the draft 2020/2021 Annual Report, the following are affecting the Hangklip-Kleinmond area:

- Aging water infrastructure;
- Need for the upgrade of WWTWs in some areas;
- Lack of knowledge of sewer systems by consumers;
- Ageing sewerage infrastructure / lack of maintenance funds; and
- Conservancy tank service (tanker trucks).

The analysis of the on-going in-migration to the Overstrand Municipal area is insightful. The municipality is reminded that careful management of the increased footprint will be needed to negate the negative impact on the natural environment and the municipal resources to develop new as well as maintain existing infrastructure.

Note is taken that the estimated future annual population growth in the Buffels River system is 4,15 percent, just behind Gansbaai (4,89 percent) and Greater Hermanus (4,45 percent). Kleinmond is estimated at 2,5 percent.

For the current 1,670 households and population of 3312 in the Buffels River system, the 2531 households and population of 4751 in Kleinmond and the 882 structures and population of 3,528 in the informal settlements of Kleinmond there is currently sufficient water provided by various schemes.

Regarding residential sanitation service levels there are 3629 septic tanks / conservancy tanks in the Buffels River system and 995 in the Kleinmond system.

Appreciated is the detailed discussion of the current replacement cost and carrying value (CRC) of the water infrastructure of Overstrand Municipality. The CRC of the water and sewerage infrastructure that will need to be replaced over the next five years (RUL<5 yrs) is R646.467 million. The asset renewal needs for the water infrastructure assets over the next 10 years is R65.965 million per year. The reinvestment required is R583.516 million in the first 5 years and R76.130 million in the second 5-year

period. The age of 53.9% of the water infrastructure assets is greater than 20 years. The CRC of the water infrastructure with a condition grading of "Very Poor" is R381.667 million.

Note is taken of the fact that the asset renewal needs for the sewerage infrastructure over the next 10 years amount to R17.718 million per year. The reinvestment required is R62.950 million in the first 5 years and R114.233 million in the second 5-year period. The age of 60.5% of the sewerage infrastructure assets is greater than 20 years. The CRC of the sewerage infrastructure with a condition grading of "Very Poor" is R18.346 million.

Serious consideration must be given to the recommendation in the report that Overstrand Municipality must secure adequate funds for the rehabilitation and maintenance of its existing infrastructure, which is critical to ensure the sustainability of the services that are provided by the Municipality.

Note is taken of Overstrand Municipality commitment to reduce the percentage of water losses for the various water distribution systems to below 20%.

Note is taken of the following key activities undertaken in the Hangklip-Kleinmond area in terms of the municipality's Water Demand Management Strategy and Action Plan:

- Continuation of pipe replacement in priority areas with old reticulation networks and history of frequent pipe failures; and
- Continued operation and maintenance of intelligent pressure management in Stanford, Kleinmond and Betty's Bay.

Appreciation is expressed for the completion of the following key water and sewerage capital infrastructure projects during the 2020/2021 financial year is welcomed:

- Upgrading of various sections of the water reticulation networks and sewerage pump stations as recommended in the Water and Sewer Master Plans. Sections of the old water reticulation networks were also replaced (Implementation of the Pipeline Replacement Programme).
- The construction of the new 1.5MI Pringle Bay reservoir.
- The installation of an additional forty-nine (49) Communal toilets and twenty-four (24) communal taps in various informal areas as emergency services.
- Starting the upgrade of the access roads to the Kleinmond and Buffels River WTWs.
- The installation of new fencing at some of the water and sewerage infrastructure facilities to improve security.
- The extension of the Kleinmond sewer networks.
- The rehabilitation of the main bulk sewer to the Kleinmond WWTW (Phase 1).

Note is taken of the Identified potential future water resources for:

- The Buffels River System
  - The current water sources have adequate supply to cater for the medium- and longer-term future water requirements.
  - Potential projects to augment the water supply (In order of priority and implementation sequence):
    - Continue with the implementation of the WC/WDM Strategy and measures;

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- Groundwater development in the TMG Aquifer;
  - Raising of Buffels River dam wall;
  - Abstraction from the Palmiet River; and
  - Abstraction from the Rooi Els River.
- Kleinmond System
    - The current water sources have adequate supply to cater for the medium- and longer-term future water requirements.
    - Potential projects to augment the water supply in the future if required (In order of priority and implementation sequence):
      - Continue with the implementation of the WC/WDM Strategy and measures;
      - Increase allocation from the Palmiet River, when required; and
      - Regional scheme with Overberg Water for possible bulk supply from the Theewaterskloof Dam.