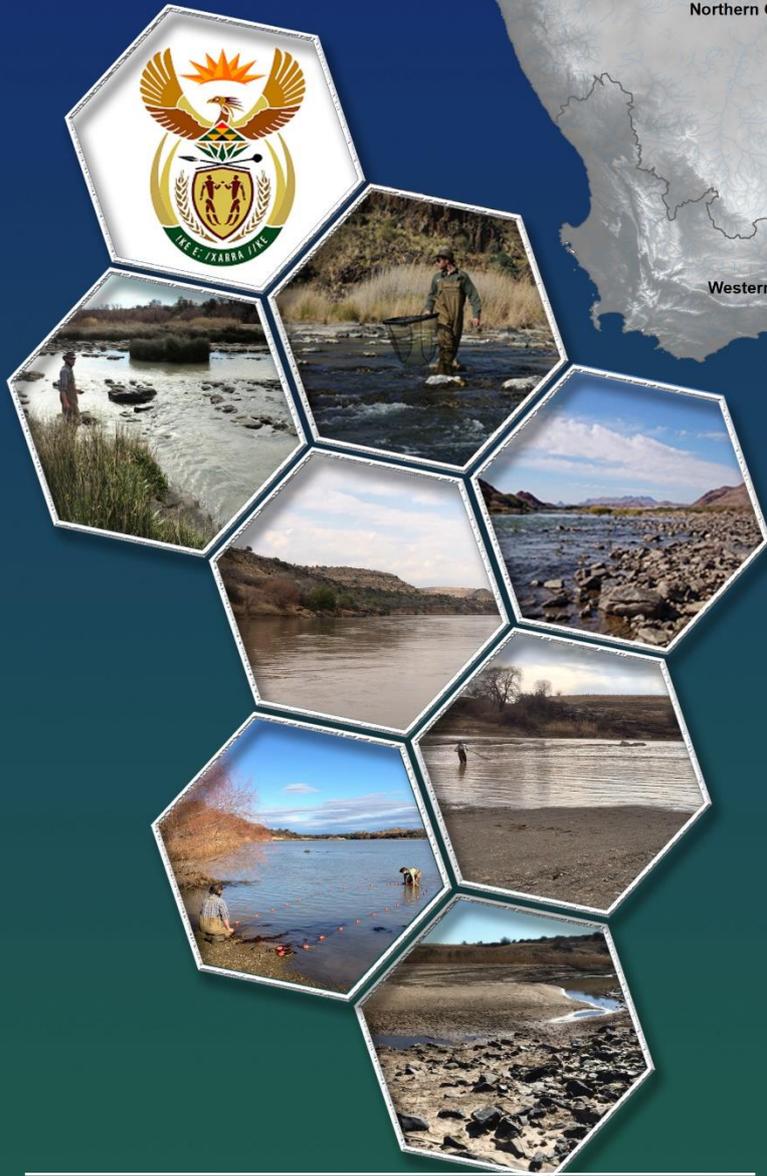
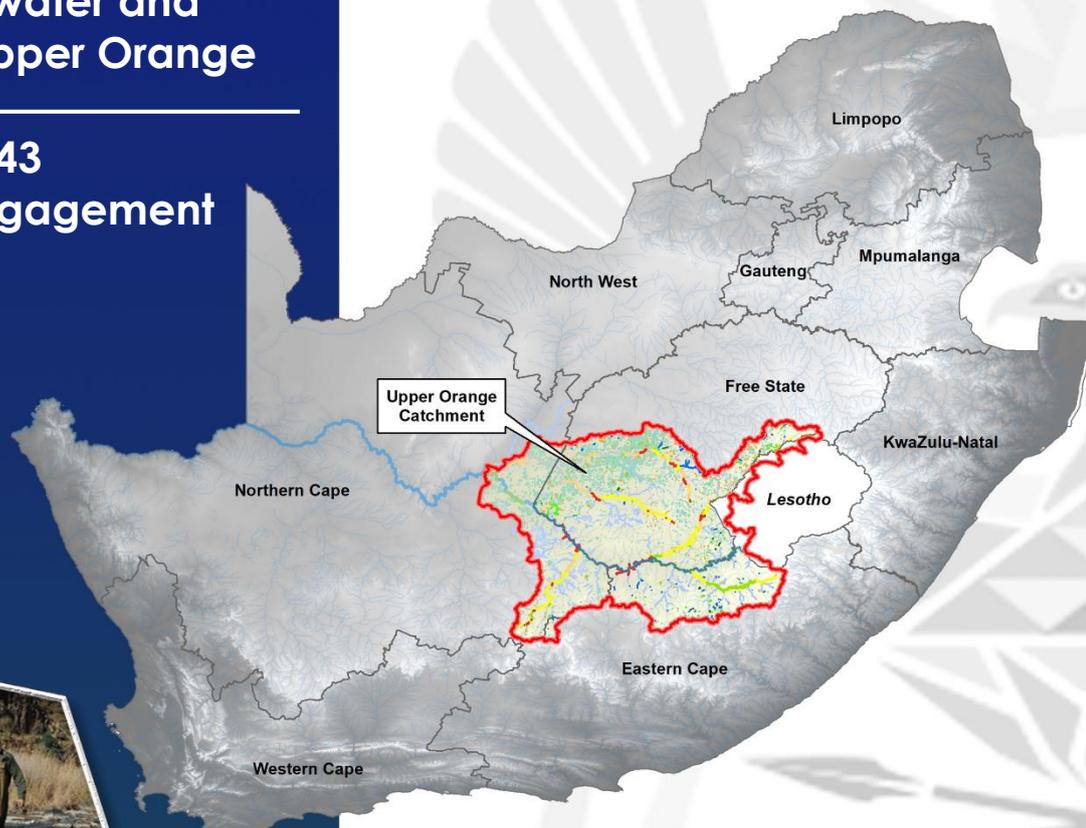


# DEPARTMENT OF WATER AND SANITATION

## A High Confidence Reserve Determination Study for Surface Water, Groundwater and Wetlands in the Upper Orange

### WP11343 Stakeholder Engagement Plan



REPORT NO.:  
RDM/WMA13/00/CON/COMP/0221  
November 2021



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Reviewed by GroundTruth: Water, Wetlands and Environmental Engineering



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**Authors:** *F. Lewis and M. Browne*  
**Project Name:** *A High Confidence Reserve Determination Study for Surface Water, Groundwater and Wetlands in the Upper Orange Catchment: WP11343*  
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*Date*

*Director, GroundTruth*

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**Chief Directorate: Water Ecosystems Management**

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*Date*

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*Director Reserve Determination: Yakeen Atwaru*

*Date*

## DOCUMENT INDEX

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**Reports as part of this project:**

**Bold** type indicates this report

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<b>2.0</b>	<b>RDM/WMA13/00/CON/COMP/0221</b>	<b>Stakeholder Engagement Plan</b>

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## LIST OF ACRONYMS

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BID	Background Information Document
BHN	Basic Human Needs
CRR	Comments and Responses Register
CSO	Civil Society Organisations
DWS	Department of Water and Sanitation
EWR	Ecological Water Requirements
NGO	Non-Government Organisation
NWA	National Water Act
ORASECOM	Orange-Senqu River Commission
PSC	Project Steering Committee
SEP	Stakeholder Engagement Plan
POPIA	Protection of Personal Information Act

## 1. Introduction

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The Upper Orange catchment, forming part of the Orange Water Management Area (WMA6), is a hard-working catchment under increasing stress from a water quality and quantity perspective, and thus it is the responsibility of the Department of Water and Sanitation (DWS) to ensure that the water supply remains sufficient to meet the requirements of both current and future users. Consequently, there is a need to determine the Reserve for the Upper Orange catchment (quantity and quality of the Ecological Water Requirements (EWR) and Basic Human Needs (BHN)) for the priority components namely rivers, wetlands, and groundwater areas with a high level of confidence. The results from the study will thereby guide the DWS to meet the objectives of maintaining, and if possible, improving the state of the water resources within this catchment. The primary deliverable will be the preparation of the Reserve templates for the Upper Orange Catchment, specifying the EWRs for the priority components.

The Reserve (quantity and quality) is defined in terms of the EWR, ensuring the water required to protect aquatic systems (water quality, habitat, and biota) of the water resource are provided for; and BHN, ensuring that the essential needs of individuals served by the water resource in question are provided for. These measures collectively aim to ensure that a balance is reached between the need to protect and sustain water resources, while allowing economic development. This will ultimately assist the DWS in making informed decisions regarding the authorisation of future water use and the magnitude of the impacts of the proposed developments.

The following targets will be followed to meet the above objective:

- Identify gaps to be addressed in the Upper Orange catchment;
- Determine the EWR and BHN for the rivers at various EWR sites;
- Determine the water quantity/quality component of the EWR and BHN for the priority wetlands/wetland clusters where applicable;
- Determine the groundwater quality/quantity component of the BHN and the groundwater quantity component of the EWR for each resource unit/quaternary catchment in the study area;
- Address priority water resources identified to be investigated;
- Assess and evaluate the operational scenarios, considering the various water transfers and proposed developments in Lesotho and in the Upper Orange Basin;
- Determine ecological specifications/protection measures to support the Reserve requirements;
- Prepare the EWR and BHN templates for the Upper Orange Reserve;
- Continual communication and liaison; and
- Skills development and transfer.

The stakeholder engagement process will be an important component of this Reserve determination study. The objective of this stakeholder engagement plan (SEP) is to contribute to this high confidence Reserve Determination Study for the Upper Orange River. Stakeholder involvement is a critical part of the Reserve determination study. The National Water Act (NWA) requires participation of society at large in the progressive development of the national water resource strategy and for integrated water

resource management. The objective of stakeholder engagement in the Reserve determination is improved decision-making by adding to the technical and scientific content of the information that informs the ultimate decision. It also contributes to building a shared vision among stakeholders who are then more willing to contribute their ideas, needs, suggestions or information. A robust and focused stakeholder engagement process will be undertaken that is aligned to the technical steps of the Reserve determination process. Every effort will be made to link and align to existing structures and forums in the Upper Orange catchment.

## 2. Policy Context

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### 2.1 Protection of Personal Information Act No 4 of 2013

The project will be undertaken in compliance with the Protection of Personal Information Act No 4 of 2013, (POPIA), which came into effect on 1 July 2021:

- POPIA establishes minimum requirements for processing of personal information and includes safeguards when personal information is processed by responsible parties. It also establishes conditions for lawful processing of personal information and, rights and remedies for persons to protect their personal information from processing not in accordance with the Act;
- In terms of POPIA, stakeholders will be made aware of their right to not register on the stakeholder database and to deregister from the Reserve determination engagement process;
- Personal information is defined as including:
  - Demographic information such as gender, race, marital status, language, and religion;
  - Contact information such as telephone numbers, email addresses and location information; and
  - People's opinions and preferences.

In compliance with POPIA, the collection, sharing and protection of personal information as part of this SEP will therefore be based on the following principles:

- Stakeholders will be informed that participation in the stakeholder engagement process is voluntary and based on receipt of their consent;
- Attendance registers and meeting records will not be shared beyond the project management team;
- All stakeholder information and data featured in reports and related outputs will be de-identified (so that it cannot be associated with particular groups or individuals);
- Personal data that is collected (e.g. attendance registers) will be protected in line with POPIA.

## 2.2 Compliance with COVID-19 policy

In the context of the COVID-19 pandemic, the SEP will provide opportunities for stakeholders to participate in the study that do not rely on in-person engagement, e.g. via telephone, email and virtual platforms.

The four stakeholder meetings/workshops that are planned will be arranged as hybrid events and will offer opportunities for both in-person and/or virtual participation. The venue selection and organization will take the following into consideration:

- The venue will be well ventilated and large enough to accommodate adequate social distancing (keeping at least a 1 metre distance from others);
- Attendees will be required to wear a mask; and
- Sanitizer will be provided, and attendees will be encouraged to sanitize their hands frequently.

## 3. Stakeholder Engagement Approach

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The approach to public participation and stakeholder engagement in a Reserve determination study incorporates a variety of processes and activities aligned with the Department of Water and Sanitation's 2016 stakeholder involvement and communications tool analysis and standardisation guidelines<sup>1</sup>. The communication and participation processes and activities range from informing the public about the study, through to securing the collaboration of stakeholders in planning and assessment. The approach provides for a process in which stakeholder contributions are applied and influence the decision-making that aims to achieve a balance between the three dimensions of sustainability: ecological integrity, social equity, and economic growth.

The approach to stakeholder engagement focusses on supporting an open, transparent, and inclusive process. It aims to supply stakeholders with sufficient and accessible information to build their capacity to participate meaningfully. The approach is intended to standardise the flow of information between the steps in the Reserve determination process.

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<sup>1</sup> Department of Water and Sanitation, South Africa, April 2016. Development of Procedures to Operationalise Resource Directed Measures. Stakeholder involvement and communication tool analysis and standardisation Report. Prepared by Anelle Lötter for Rivers for Africa eFlows Consulting (Pty) Ltd. Report no RDM/WE/00/CON/ORDM/1116.

## 4. Stakeholder Engagement Plan

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### 4.1 Stakeholder database development

The objective of the database development step is to identify, map and make contact with potential stakeholders, including water users and potential water users, in the target area (see Figure 4-1) to afford them the opportunity to become involved in the process, and to identify key stakeholders whose involvement must be pro-actively ensured (e.g. stakeholders who will be responsible for implementation of the result of the process or those who may be directly affected).

Identified stakeholders will be directly informed, via email or telephone, about the study and given an opportunity to register on the stakeholder database to confirm their participation in the process going forward (in compliance with POPIA, see section 2.1).

Unless stakeholders indicate that they do not wish to remain on the stakeholder database, they will be engaged in several steps during the Reserve determination process and provided with a range of opportunities to contribute. The process will focus on obtaining representation of key sectors as well as a geographic representation across the study area, including urban as well as rural representation. The process will aim to ensure equitable participation by gender. Examples of sectors which will be targeted include (but are not limited to):

- Government (national, provincial and local);
- Regional stakeholders (e.g. ORASECOM);
- Conservation and environmental management actors (e.g. SANParks, Working for Wetlands);
- Water management institutions (including waste-water treatment works) (e.g. Rand Water);
- NGOs and CSOs (especially those with environmental management and development focus);
- Industry and business (including mining, agriculture, tourism, etc.);
- Civil society (including voluntary organisations, community groupings, residential organisations, women's organisations, youth organisations);
- Local community and traditional leaders;
- Academic and research bodies; and
- Local media.

The draft stakeholder database (see Annexure 1) will be continuously updated throughout the course of the project.

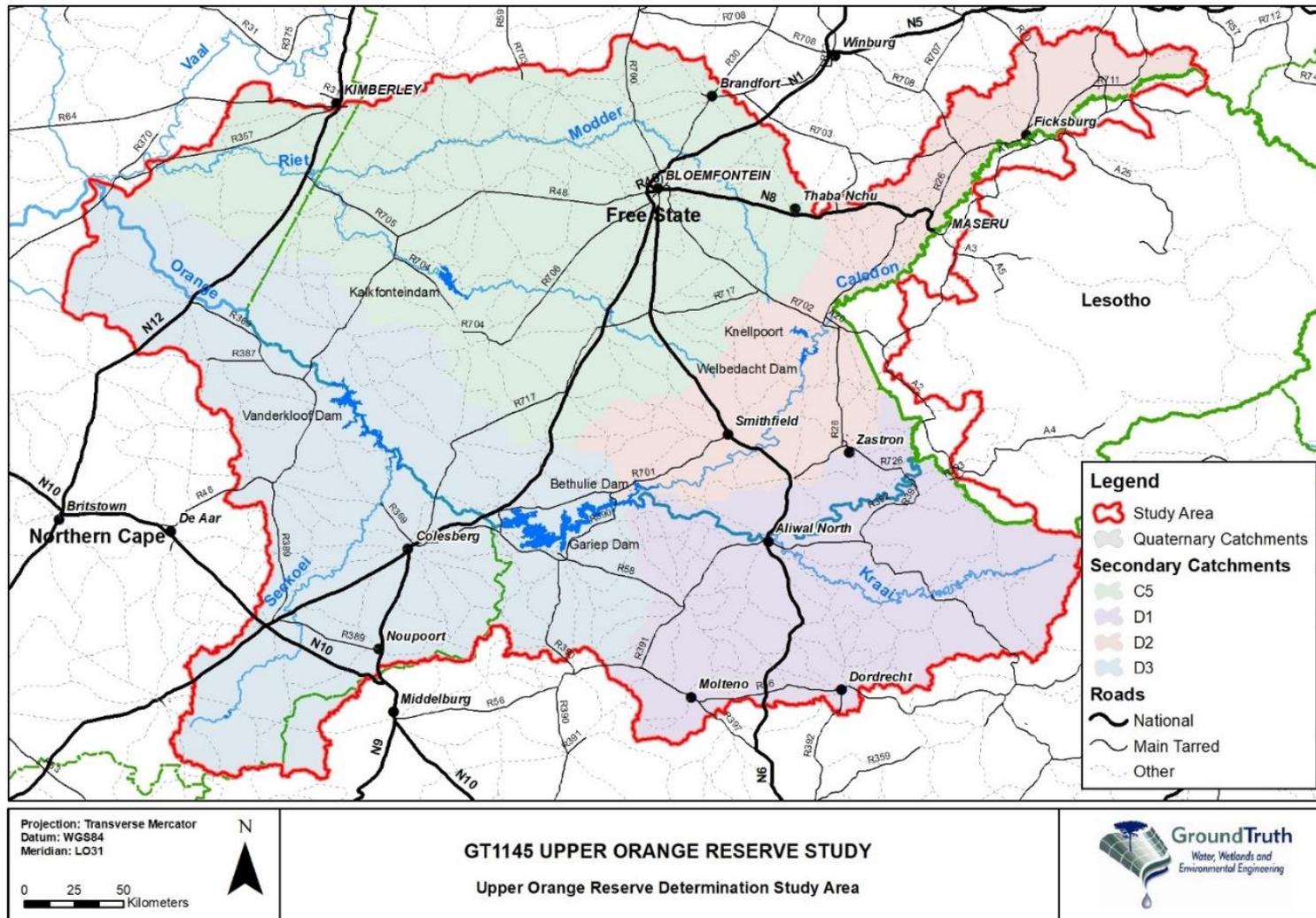


Figure 4-1: Target area for the Upper Orange Reserve Determination Study

## 4.2 Communication processes and tools

The following basic principles and processes will be applied to stakeholder communications:

- Communication (written, verbal, workshops, etc.) will be undertaken in English;
- Records of all communication will be maintained, including a Comments and Responses Register (CRR). The CRR template (see Annexure 2) will be a live report which will be populated and updated continuously throughout the study, to include the sector and organization of the commentor, the date of the contribution, and a response from the technical team stating how the contribution was considered. However, in compliance with POPIA, the name of the commentator will be redacted;
- Technical information will be made as accessible as possible for the audience and/or submitted upon request; and
- Information will be provided timeously and allow sufficient time for commenting.

Communication will be undertaken through a combination of direct and indirect means:

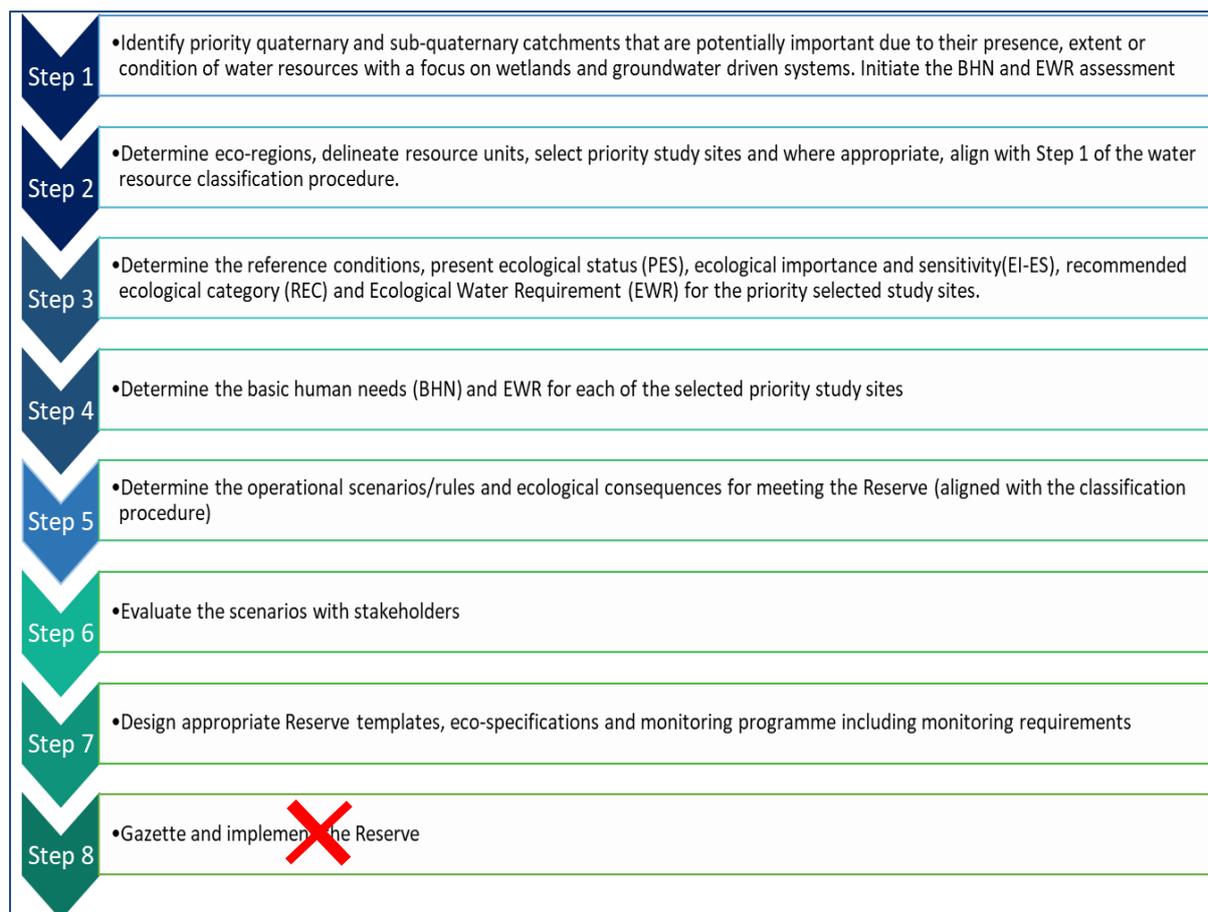
- Direct communication via emails, telephonic communication, and meetings/workshops with stakeholders;
- In-direct communication by uploading and disseminating information and summary information reports via the website and email broadcasts;
- Project Steering Committee (PSC) meetings will be held with key stakeholders throughout the project;
- The CRR will be available on the website (GroundTruth website).
  - This report will list all the comments received from stakeholders (via emails, telephone, and workshops, but will not identify the stakeholders) and responses from the technical project team. The CRR will be used as a monitoring tool and will also be attached to the final report.

The process will accommodate two-way communication i.e., sharing of information from the technical team to stakeholders, and relaying comments and input from stakeholders to the technical team. Communication will be undertaken through a combination of platforms including telephone, email, websites, meetings, and workshops.

## 4.3 Steps in the Stakeholder Engagement Process

The study will be initiated with an official announcement in a short letter on a DWS letterhead. This letter will be emailed to all potential stakeholders on the initial stakeholder database and will be uploaded onto the GroundTruth website. A Background Information Document (BID) explaining the Reserve determination study will also be attached to the email and uploaded to the website.

This Upper Orange Reserve determination study will comprise seven steps as outlined in Figure 4-2 below. The scope of this study excludes Step 8 (Gazette and implement Reserve). The stakeholder engagement activities will align with these steps as outlined below.



**Figure 4-2:** Integrated steps for the determination of the Reserve (note that this study excludes Step 8)

**Step 1:** *Identify priority quaternary and sub-quaternary catchments that are potentially important due to their presence, extent or condition of water resources with a focus on wetlands and groundwater driven systems. Initiate the Basic Human Needs (BHN) and Ecological Water Requirements (EWR) assessments.*

- **Objectives of stakeholder engagement for Step 1:**
  - Establish stakeholder database, announce the study, its objectives and proposed study implementation process for stakeholder comment and contributions; and
  - Establish the PSC members.
- **Actions:**
  - Confirm the composition of the PSC in consultation with DWS;
  - Identify stakeholders and compile draft stakeholder database;
  - Prepare background information document (BID) including information on objective of the study, how and when stakeholders can participate;
  - Prepare a record of stakeholder engagement including comments received on BID;
    - Direct communication via email, telephone; and
    - Indirect communication via website.

- **Outcomes:**
  - Stakeholder database prepared.
  - BID prepared.
  - PSC composition confirmed by DWS.
- **Timeframes:**
  - Step 1 will be concluded at end December 2021.

**Step 2: Determine Eco-regions, delineate resource units, select priority study sites, and where appropriate align with Step 1 of the water resource classification procedure**

- **Objectives of stakeholder engagement for Step 2:**
  - Announce the study, its objectives and proposed study implementation process to stakeholders through dissemination of the DWS letter of introduction and the BID.
  - Establish the PSC and obtain input on the Resource Units Report.
- **Actions:**
  - Disseminate DWS letter of introduction / invitation to participate and BID to stakeholders.
  - Engage and secure participation of stakeholders proposed to the PSC by DWS.
  - Disseminate the Resource Units Report to DWS and PSC.
  - Arrange first virtual PSC meeting and record minutes.
  - Capture comments from stakeholders and PSC into the CRR and share with technical team.
- **Outcomes:**
  - PSC established, first meeting held, and minutes recorded.
  - Comment from PSC and DWS are recorded in the CRR and shared with the technical team.
  - Stakeholders are aware of what the study is about and how they can participate.
  - Comments from stakeholders are recorded in the CRR.
  - Responses to stakeholder, PSC and DWS comments by the technical project team are captured in the CRR.
- **Timeframes:**
  - Step 2 will be completed by end of January 2022.

**Step 3: Determine the reference condition, present ecological state (PES), ecological importance and sensitivity (EI-ES), recommended ecological category (REC) and EWR for the priority selected study sites**

- **Objectives of stakeholder engagement for Step 3:**
  - Disseminate technical reports to stakeholders for comment and host two stakeholder meetings to introduce the project, secure participation from stakeholders and share technical reports.
  - Facilitate second PSC meeting.
- **Actions:**
  - Disseminate technical reports to stakeholders for comment via email and website:
    - River Surveys reports

- Rivers Eco-classification report
- EWR Quantification report
- Groundwater Survey report and main report
- Wetlands survey report and main report
- Confirm location and venue for two stakeholder meetings in consultation with DWS.
- Arrange two stakeholder meetings (in the study area) to introduce the project, present summaries of the findings and technical reports generated in Steps 3. Hard copies of technical reports will also be made available to stakeholders at the meetings.
  - These meetings will be arranged at suitable venues in the catchment area, to be confirmed with DWS once (i) the priority sites are selected, and (ii) once the stakeholder database has been finalised and stakeholders have had the opportunity to confirm their participation in the process (by the end of Step 2).
  - Notice of the meetings will be communicated at least 3 weeks before the event, and awareness about the objectives will be included in the notice.
  - A formal advance registration process will be followed (to allow for compliance with COVID-19 health and safety requirement such as securing a suitable size venue).
  - Background information relating to the project will be circulated to confirmed attendees at least 7 days before the event, together with confirmation of the venue and logistics.
  - Minutes will be taken in the form of questions / comments / issues and responses.
- Arrange second virtual PSC meeting and record minutes.
- Update CRR to reflect any comment or feedback received from stakeholders.
- **Outcomes:**
  - Results of stakeholder meetings recorded and captured in CRR.
  - Comment from stakeholders recorded in the CRR and shared with the technical team.
  - Minutes from PSC captured and disseminated.
  - Responses to stakeholder comments by the technical project team captured in the CRR.
- **Timeframes:**
  - Step 3 will be completed by the end of September 2022.

#### **Step 4: Determine the basic human needs (BHN) and EWR for each of the selected priority study sites**

- **Objectives of stakeholder engagement for Step 4:**
  - Technical reports on the BHN and EWRs disseminated to stakeholders for comment and facilitate third PSC meeting.
- **Actions:**
  - Technical reports (BHN and the EWRs) uploaded to the website and disseminated to stakeholders for comment via email.
  - Third virtual PSC meeting held, and minutes captured.
  - CRR updated to reflect any comment or feedback received from stakeholders.
- **Outcomes:**
  - Stakeholders' comments on technical reports recorded in the CRR and shared with the technical team.

- Responses to stakeholder comments by the technical project team captured in the CRR.
- Third PSC meeting held, and minutes recorded.
- **Timeframes:**
  - Step 4 will be completed by November 2022.

#### **Step 5: Modelling of the operational scenarios/rules and ecological consequences for meeting the Reserve**

- **Objectives of stakeholder engagement for Step 5:**
  - Technical reports on socio-economic and ecological consequences are shared with stakeholders for comment, and fourth PSC meeting is facilitated.
- **Actions:**
  - Technical reports on scenarios uploaded to the website and disseminated to stakeholders for comment via email.
  - Fourth virtual PSC meeting held, and minutes captured.
  - CRR updated to reflect any comment or feedback received from stakeholders.
- **Outcomes:**
  - Stakeholder comments on technical reports recorded in the CRR and shared with the technical team.
  - Responses to stakeholder comments by the technical project team captured in the CRR.
- **Timeframes:**
  - Step 5 will be completed by January 2023.

#### **Step 6: Feedback on evaluation of scenarios to stakeholders**

- **Stakeholder engagement objectives for Step 6:**
  - Feedback on the evaluation and consequences of scenarios during stakeholder workshops, and fifth virtual PSC meeting is facilitated.
- **Actions:**
  - Select location of two stakeholder workshops in consultation with DWS.
  - Arrange two stakeholder workshops (in the study area) to present and workshop the scenarios. Hard copies of technical reports will also be made available to stakeholders at the workshops.
    - Notice of the workshop will be communicated at least 3 weeks before the workshop date, and awareness about the objectives will be included in the notice.
    - A formal advance registration process will be followed (to allow for compliance with COVID-19 health and safety requirement such as securing a suitable size venue).
    - Background information relating to the project and the draft scenarios will be circulated to confirmed attendees at least 7 days before the workshops, together with confirmation of the venue and logistics.
    - Specific issues that will be addressed at the workshops will include:

- The status of the water resource (situation assessment), future possible management and development scenarios for the water resource.
- Expected impact of these scenarios.
- Establish the desired level of resource protection.
  - Minutes will be taken in the form of questions / comments / issues and responses.
  - Stakeholders wanting to engage in the scenario process, but who are unable to attend the workshops (in-person or virtually) will be able to provide comments and input in writing.
- Fifth virtual PSC meeting held, and minutes captured.
- CRR updated to reflect any comment or feedback received from stakeholders.
- **Outcomes:**
  - Input from stakeholders is obtained on the scenarios that will be used by the technical project team to inform the design and finalisation of the reserve templates, eco-specifications and monitoring programme.
  - Responses by the technical project team to stakeholder comments are captured in the CRR.
- **Timeframes:**
  - Step 5 will be completed by February 2023.

**Step 7: Design appropriate Reserve templates, eco-specifications and monitoring programme including monitoring requirements**

- **Stakeholder engagement objectives for Step 7:**
  - Reserve templates, eco-specifications and monitoring programme will be prepared, although not gazetted for this study. The template will be shared with the stakeholders for comment and the sixth and final virtual PSC meeting will be facilitated.

**Actions:**

- Provide draft Reserve templates, eco-specifications, and monitoring programme to stakeholders for comment.
- The CRR will be updated to reflect any comment or feedback received from stakeholders.
- Sixth and final virtual PSC meeting held, and minutes captured.
- **Outcomes:**
  - Comment from stakeholders is obtained on the Reserve templates, eco-specifications, and monitoring programme.
  - Responses by the technical project team to stakeholder comments captured in the CRR.
  - The final stakeholder reports and documents submitted.
- **Timeframes:**
  - Step 7 will be completed by May 2023.

## 5. Conclusions

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Stakeholder involvement and communication is critical to the Reserve determination process. Each process is unique and should consider the stakeholder context in the study area. The SEP will continue to be a flexible and responsive process and adapted as required during the course of the study, in order to ensure that stakeholder engagement and participation is efficient and effective.

## 6. Annexures

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## Annexure 1: Draft Stakeholder Database

### 1.1. Project identified potential stakeholders

This draft database will be refined and developed further throughout the duration of the project.

SECTOR/TYPE	ORGANISATION	PROV.	TOWN /PLACE	DESIGNATION	CONTACT DETAILS
<b>GOVERNMENT</b>					
Government	ORASECOM			Secretariate?	naume.kupe@orasecom.org
	ORASECOM				mike.ramaano@orasecom.org
Government	DWS			ORASECOM CTT South Africa	matsosom@dws.gov.za
Government	DWS			ORASECOM CTT South Africa	NyamandeT@dwa.gov.za
Government	DWS			ORASECOM CTT South Africa	cpreven@gmail.com
Government	DWS			ORASECOM CTT South Africa	JaftaN@dws.gov.za
Government	DWS - Bloemfontein Office (Area does not have a CMA, only a regional office)				BlairV@dws.gov.za
Government	DWS - Bloemfontein Office				FortuinB@dws.gov.za
Government	DWS - Bloemfontein Office				LerotholiP@dws.gov.za
Government	DWS - Bloemfontein Office				SchraderC@dws.gov.za
Government	DWS				JayJ@dws.gov.za
Government	DWS				FourieF@dws.gov.za
Government	DWS				MagingiA@dws.gov.za
Government	DWS				ShaiC@dws.gov.za

SECTOR/TYPE	ORGANISATION	PROV.	TOWN /PLACE	DESIGNATION	CONTACT DETAILS
Government	DWS				ThwalaM@dws.gov.za
Government	DWS				MahlahlaneK@dws.gov.za
Government	DWS				OkonkwoA@dws.gov.za
Government	DWS				MnisiM2@dws.gov.za
Government	DWS				MpeteT@dws.gov.za
Government	DWS				MudzananiR@dws.gov.za
Government	DWS				WestonB@dwa.gov.za
Government	DWS				MajolaK@dws.gov.za
Government	DWS				AtwaruY@dws.gov.za
Government	DWS				VanWykJ@dws.gov.za
Conservation and environmental bodies	SAN Parks				Eddie.Riddell@sanparks.org
Conservation and environmental bodies	SAN Parks				Robin.Petersen@sanparks.org
Conservation and environmental bodies	SAN Parks			ORASECOM CTT South Africa	hendrik.sithole@sanparks.org
Conservation and environmental bodies	SAN Parks			ORASECOM CTT South Africa	Nkabeng.Mzileni@sanparks.org
Conservation and environmental bodies	SAN Parks - Mokala National Park				Johan.deKlerk@sanparks.org
Conservation and environmental bodies	SANBI - EASTERN CAPE BIOREGIONAL PROGRAMMES	EC	East London		+2743 705 4460

SECTOR/TYPE	ORGANISATION	PROV.	TOWN /PLACE	DESIGNATION	CONTACT DETAILS
Municipality - local	Emalahleni	EC			[TBC]
Municipality - local	Enoch Mgijima	EC			[TBC]
Municipality - local	Senqu	EC			[TBC]
Municipality - local	Walter Sisulu	EC			[TBC]
Municipality - local	Inxuba Yethemba	EC			[TBC]
Municipality - local	Dihlabeng	FS			[TBC]
Municipality - local	Kopanong	FS			[TBC]
Municipality - local	Letsemeng	FS			[TBC]
Municipality - local	Mangaung	FS			[TBC]
Municipality - local	Mantsopa	FS			[TBC]
Municipality - local	Masilonyana	FS			[TBC]
Municipality - local	Mohokare	FS			[TBC]
Municipality - local	Setsoto	FS			[TBC]
Municipality - local	Tokologo	FS			[TBC]
Municipality - local	Tswelopele	FS			[TBC]
Municipality - local	Emthanjeni	NC			[TBC]
Municipality - local	Renosterberg	NC			[TBC]
Municipality - local	Siyancuma	NC			[TBC]
Municipality - local	Sol Plaatjie	NC			[TBC]
Municipality - local	Thembelihle	NC			[TBC]
Municipality - local	Ubuntu	NC			[TBC]
Municipality - local	Umsobomvu	NC			[TBC]
Municipality - district	Chris Hani	EC		MUNICIPAL MANAGER	gmashiya@chrishanidm.gov.za

SECTOR/TYPE	ORGANISATION	PROV.	TOWN /PLACE	DESIGNATION	CONTACT DETAILS
Municipality - district	Joe Gqabi	EC		Municipal Manager	045-979 3006
Municipality - district	Joe Gqabi	EC		Manager : Water Services Provision	045-979 3119
Municipality - district	Thabo Mofutsanyane	FS		Municipal Manager	takatso@tmdm.gov.za
Municipality - district	Thabo Mofutsanyane	FS		Manager: Agriculture	lebohang@tmdm.gov.za
Municipality - district	Thabo Mofutsanyane	FS		Manager: Tourism and LED	thembi@tmdm.gov.za
Municipality - district	Xhariep	FS		Municipal Manager	517 139 300
Municipality - district	Mangaung	FS		Municipal Manager	051 405 8621/ 051 405 8885
Municipality - district	Lejweleputswa	FS		Municipal Manager	573 533 094
Municipality - district	Pixley ka Seme	NC		Municipal Manager	
Municipality - district	Frances Baard	NC		Municipal Manager	(053) 838 0998; fatima.ruiters@fbdm.co.za
Provincial Department	Eastern Cape Department: Rural Development and Agrarian Reform (& district offices)	EC		Office of the HoD	bongikaya.dayimani@drdar.gov.za / nosiphiwo.mlamla@drdar.gov.za
Provincial Department	Northern Cape Department: Agriculture, Environmental Affairs, Rural Development and Land Reform	NC		HoD	053 838 9100

SECTOR/TYPE	ORGANISATION	PROV.	TOWN /PLACE	DESIGNATION	CONTACT DETAILS
Provincial Department	Free State Department: Agriculture and Rural Development	FS	Bloemfontein	Office of the HoD - Office Manager	hodofficemanager@dard.gov.za / christa.klinck.ck@gmail.com
Provincial Department	Northern Cape Department: Economic Development and Tourism	NC	Kimberley		053 839 4000
Provincial Department	Free State Department: Economic, Small Business Development, Tourism and Environmental Affairs	FS	Bloemfontein	HoD	051 404 9600
Provincial Department	Eastern Cape Department: Economic Development, Environmental Affairs and Tourism	EC	King William's Town	HoD	043 605 7000
<b>WATER MANAGEMENT INSTITUTIONS</b>					
Water management institution	All Water Service Authorities and supply schemes				
Water management institution	Chris Hani District Municipality	EC		Director Media Liaison	0828742942'
Water management institution	Bloemwater	FS			<a href="mailto:communications@bloemwater.co.za">communications@bloemwater.co.za</a>
WUA	Oranje-Riet Water Users Association (ORWUA) (Ritchie IB, Scholtzburg IB)	FS	Jacobsdal	Contact person	053 591 9200; 082 806 7722; hanke@oranjeriet.co.za
WUA	Kalkfontein WUA	FS	Koffiefontein	CEO	+27 (053) 205 0495; 083 4575125; mariuskwgv@lantic.net
WUA	Vanderkloof (N) WUA	FS	Vanderkloof	CEO	053 664 9300; 082 808 5583; visser.ag@vdkwgv.co.za

SECTOR/TYPE	ORGANISATION	PROV.	TOWN /PLACE	DESIGNATION	CONTACT DETAILS
WUA	Lower Modder River (N) (Benede Modder River/ Krugersdrift GWS IB)	FS	Jacobsdal	Contact person	053 591 9214; 083 441 4024
WUA	Leeuwrivier WUA (Leeuwrivier IB)	FS	Hobhouse	Contact person	051 983 0041; 082 770 5322; leeuwrivier@gmail.com
Irrigation Board	Tierpoort IB	FS	Faunasig	Contact person; secretary	084 627 1867, timtkx@gmail.com; 082 443 3227, santierautenbach03@gmail.com
Irrigation Board	Egmont Dam IB	FS	Vanstadunsrus	Contact person	052 332 1203; 083 390 1831; bethel@zipplink.co.za
WUA	Orange vaal water user association	NC	Douglas		<a href="mailto:lizelle@oranjevaal.co.za">lizelle@oranjevaal.co.za</a>
CMA	Orange Proto CMA (Kimberley) (DWS)	NC			(053) 830-8800
Partners network	Strategic Water Partners Network (Agriculture & Stewardship working groups)	General		Co-Chair	martin.ginster@sasol.com
<b>NPO, NGO</b>					
NPO, NGO - environment focus	South African Wetland Society - Free State	FS		Chairperson & DEA Provincial Coordinator	<a href="mailto:Mletsaba@environment.gov.za">Mletsaba@environment.gov.za</a>
NPO, NGO - environment focus	South African Wetland Society - Free State	FS		Secretary	Koert.se207@gmail.com
NPO, NGO - environment focus	South African Wetland Society - E Cape	EC		Chairperson	buntu.mzamo@dedea.gov.za
NPO, NGO - environment focus	South African Wetland Society - E Cape	EC		Secretary	viwe.banzi@dedea.gov.za
NPO, NGO - environment focus	South African Wetland Society - E Cape	EC		DEA Provincial Coordinator -	umakati@environment.gov.za

SECTOR/TYPE	ORGANISATION	PROV.	TOWN /PLACE	DESIGNATION	CONTACT DETAILS
NPO, NGO - environment focus	South African Wetland Society - N Cape	NC		Chairperson	info.ncwf@gmail.com
NPO, NGO - environment focus	South African Wetland Society - N Cape	NC		Secretary	ramolopp@gmail.com
NPO, NGO - environment focus	WWF - Grasslands	General			
NGO - development focus	EC The National African Federated Chamber of Commerce and Industry (NAFCOC)	EC		Chairperson	adam@insightnet.co.za
NGO - development focus	NC The National African Federated Chamber of Commerce and Industry (NAFCOC)	NC		Chairperson	chrismokeng@gmail.com
NGO - development focus	FS The National African Federated Chamber of Commerce and Industry (NAFCOC)	FS		Chairperson	konziwemv@gmail.com
NGO - disaster response focus	Gift of the Givers Foundation	General			0800 786 911; info@giftofthegivers.org
NGO - development focus	Cala University Student Association (CALUSA)	EC	Cala	Director	fncapayi@gmail.com
NPO - agriculture (legal & sustainability)	LWO Employers Organisation	EC, FS, NC		EC, NC & FS representatives	082 573 4575; jannie@lwo.co.za; 084 606 8126 andre@lwo.co.za; 082 304 1703; anneline@lwo.co.za
Rural development	Eastern Cape Rural Development Agency	EC	East London		

SECTOR/TYPE	ORGANISATION	PROV.	TOWN /PLACE	DESIGNATION	CONTACT DETAILS
NGO - collective of non-governmental, faith and community based organizations	Eastern Cape NGO Coalition	EC	East London		087 373 1081/5/2; info@ecngoc.co.za
Forum - environment focus	Wetland forums	General	General	Upper Orange Wetland Workshop Stakeholders	'Info.ncwf@gmail.com; betsiemile@gmail.com; ramolopp@gmail.com; doug.harebottle@spu.ac.za; ekoimpak@intekom.co.za; n.job@sanbi.org.za; collinsn@destea.gov.za; mletsaba@environment.gov.za; mlowies@environment.gov.za
<b>INDUSTRY</b>					
Orange River Hydro Scheme	ESKOM - Vanderkloof Dam, Gariep Dam	FS	Vanderkloof Dam, Gariep Dam	General Manager: Peaking Power Stations; Gariep Plant Manager;	+27 11 800 8111
<b>AGRICULTURE</b>					
Agric - association	Agri Eastern Cape (previously Eastern Province Agricultural Union)	EC		CEO	natasja.barkhuizen@agriec.co.za
Agric - association	Agri Northern Cape	NC		General Manager; Economics & Trade	bestuurder@agrink.co.za; nicoljansenn@gmail.com
Agric - association	Agri Free State / Vrystaat Landbou	FS		Communications Officer	elana@vslandbou.co.za

SECTOR/TYPE	ORGANISATION	PROV.	TOWN /PLACE	DESIGNATION	CONTACT DETAILS
Agric - NGO (Game farming)	Wildlife Ranching South Africa	General		CEO	ceo@wrsa.co.za or 083 564 1839.
Agric - association	Merino SA	General		Manager	0825712742
Agric - association	Livestock Registering Federation	General		CEO	Tel: +27 12 667 5258; Email: michael@lrf.co.za
Agriculture - pvt	BKB Limited	EC			
Agriculture - pvt	OVK Group (Barkley East)	EC			
<b>TOURISM</b>					
Tourism Authority	Free State Tourism Authority	FS	Bloemfontein		051 411 4300'
Tourism Authority	Eastern Cape Parks and Tourism	EC	East London	Strategy and Risk Manager	043 492 0881'
Tourism Authority	Northern Cape Tourism Authority	NC			053 832 2657'
Community-based tourism (CBT)	(Gov) Department of Small Business Development, Department of Tourism, and the Department of Environmental Affairs (DETEA)	General			
Community-based tourism (CBT)	Thabo Mofutsanyana District (includes the majority of CBT projects in the Free State Province)	FS			
Tourism - community association	Clarens Tourism Forum	EC	Clarens		
Tourism - Gov	Performing Arts Centre of the Free State (PACOFs)	FS		Senior management: Artistic Director	0514477771' '051 447 7771' ceo@pacofs.co.za

SECTOR/TYPE	ORGANISATION	PROV.	TOWN /PLACE	DESIGNATION	CONTACT DETAILS
Tourism - pvt	Benghoil Private Reserve (Cathcart)	EC		Owner	072 345 3338; warren@riegers.co.za
<b>COMMERCE AND BUSINESS</b>					
Association	Youth Chamber of Commerce and Industry South Africa Free State	FS	Bloemfontein		
Association	Free State Goldfields Chamber of Business	FS	Welkom		
Association	Mangaung Chamber of Commerce and Industry	FS	Bloemfontein		
Association	Northern Cape Chamber of Commerce & Industry (NOCCI)	NC	Kimberley		053 831 1081'; sharon@nocci.co.za
Partnership network	The Eastern Cape Socio-Economic Consultative Council (ECSECC)	EC			
<b>MINING</b>					
Mining - association/Council	Northern Cape Mining Community (NCMC) [Minerals Council SA]	NC			
Mining - pvt	Kimberley Ekapa Mining	NC	Kimberley		
<b>FORESTRY</b>					
<b>RESEARCH/CONSULTANTS</b>					
Research/consultant	Eastern Cape Socio Economic Consultative Council	EC			Tel: +27 (0)43 701 3400; info@ecsecc.org

SECTOR/TYPE	ORGANISATION	PROV.	TOWN /PLACE	DESIGNATION	CONTACT DETAILS
Consultant	GeoAfrika Technologies	General		Technologies division	technologies@geoafrika.co.za
University	UFS Faculty of Natural and Agricultural Sciences Home/ Centre for Environmental Management	FC		Head of Department	cem@ufs.ac.za
Research	SAEON - Arid Lands Node	NC	Kimberley		+27 (53) 831 3750
	SAEON				cr.ransom@saeon.nrf.ac.za
Research	Water Research Commission	General		Research managers	michelleh@wrc.org.za; bonanim@wrc.org.za
<b>CIVIL SOCIETY</b>					
Civil Society - residential organisation	Lady Frere Villages Association (Xonxa Dam project)	EC			[Source through Emalahleni Municipality]
Civil Society Organisations (CSOs)	National Development Agency	General		Provincial - EC, NC, FS & Municipal (Xhariep, Lejweleputswa, Chris Hani District ...)	info@nda.org.za; +27 11 018 5500
	Orania [Town] Association	NC			inligting@orania.co.za
<b>TRADITIONAL AUTHORITIES</b>					
	EC Provincial House of Traditional Leaders	EC			
	NC Provincial House of Traditional Leaders	NC			
	FS Provincial House of Traditional Leaders	FS		Chairperson	

SECTOR/TYPE	ORGANISATION	PROV.	TOWN /PLACE	DESIGNATION	CONTACT DETAILS
<b>MEDIA</b>					
NPO	GroundUp (media)	General			info@groundup.org.za
<b>HEALTH BODIES</b>					
<b>LABOUR UNIONS</b>					

**1.2. Orange River Joint Basin Survey 3 – Shared Stakeholders from the study area**

The project team is engaging with the stakeholder engagement team from the ORASECOM 3<sup>rd</sup> Orange River Joint Basin Survey who, with permission, will share the stakeholders registered on their database who are common to both projects. This is the preliminary list of contacts received that will be refined and integrated with the main database in Annexure 1.1.

CONTACT DETAILS
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andla.xulu@gmail.com
anniee.ambani@gmail.com
bertha.pitout@gmail.com
besterb_18@yahoo.com
bonimthonti583@gmail.com
brentonfaulds@gmail.com
bsara@stannes.co.za
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cbrooker@iafrica.com
charlotte.reeve@cefas.co.uk
christiemunro7@gmail.com
clement.tikiwa@gmail.com
corne@greensourcenpc.co.za
cr.ransom@saeon.nrf.ac.za
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feroza.page@gmail.com
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gpearson@randwater.co.za
graceg@dss.org.za
hjpworship@gmail.com
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kleketa@gmail.com
lephotoniko@yahoo.com
lihlekhums@gmail.com
lira@trc.org.ls
ljamison@stdunstans.co.za
lkhaba@yahoo.com
maletsatsimaoelac@gmail.com
mandyreddy3@gmail.com
maurmakunya@gmail.com
mcatululimahluza@gmail.com
mckushu@gmail.com
mebear1958@gmail.com
michael.silberbauer@gmail.com
minua@stadio.ac.za
miselwa@routes2resilience.org
mkd20093713@gmail.com
mokitimilino@gmail.com
monalisa@centreforconservation.co.za
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skaledy@yahoo.com
ssamuels@nust.na
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sunbird@imagnet.co.za
tpkhalimane@gmail.com
umberto.binetti@cefas.co.uk
vusie1978@gmail.com
willem@hsstrand.co.za
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yoonus.greenheart@gmail.com
zannels1997@gmail.com
zinhkekunene@gmail.com

### Annexure 2: Template for Comments and Responses Register

Date Received	Sector Raising Comment	Stakeholder Comment	Addressed in Report Y/N (chapter & page)	Response / Explanation by technical team