

<b>Casteel Public Meeting Minutes</b>	
<b>RE: BASIC ASSESSMENT (BA) PROCESS FOR THE PROPOSED CASTEEL DAM SAFETY REHABILITATION PROJECT, FARM KASTEEL 231-KU, BUSHBUCKRIDGE LOCAL MUNICIPALITY, MPUMALANGA PROVINCE</b>	
<b>Project name</b>	Casteel Dam Safety Rehabilitation Project
<b>Date &amp; Time Meeting</b>	25 October 2022, 11:00 to 13:00
<b>Venue</b>	Tent within the premises of Casteel Thusong Service Centre, next to R40 road.
<b>Chairperson</b>	Marissa Botha, Naledzi Environmental Consultants (Pty) Ltd (Naledzi)
<b>Translator</b>	Mr. Absalom Malope - <b>Sepedi translator</b>  Deputy Director from Mpumalanga Dept. Co-operative Governance and Traditional Affairs (COGTA) situated at the Casteel COGTA offices.
<b>Attendees</b>	<ul style="list-style-type: none"> <li>- Naledzi Environmental Consultants</li> <li>- National Department of Water and Sanitation (DWS): Strategic Infrastructure Asset Management (SIAM) including relevant DWS Regional offices.</li> <li>- COGTA</li> <li>- Bushbuckridge Local Municipality</li> <li>- Ward Councillors (Ward 14, 16 and 32)</li> <li>- Ward Committee members</li> <li>- Community representatives from Moreipuso – and Setlhare Tribal Councils</li> <li>- Local farmers at Casteel</li> <li>- Bushbuckridge Local Municipality: Thulamahashe Scheme Manager</li> </ul> <p>Please refer to the attached <b>signed attendance register</b> as <b>Annexure A</b>.</p>
<b>Circulation</b>	The minutes of the meeting have been distributed to the participants through the Moreipuso – and Setlhare Tribal Council Offices including the relevant ward councillors.
<b>Agenda</b>	<ul style="list-style-type: none"> <li>▪ Welcome</li> <li>▪ Introductions, opening prayer, translation (i.e.Sepedi, Xitsonga)</li> <li>▪ Project Background</li> <li>▪ Project Details</li> <li>▪ Contraction Details</li> <li>▪ Basic Assessment Process (i.e. activities, process description, schedule)</li> <li>▪ Potential impacts and required specialist studies</li> <li>▪ Discussion Session</li> <li>▪ The way forward and closure</li> </ul> <p>The full PowerPoint presentation is attached as <b>Annexure B</b>.</p>
<b>Contents of Minutes</b>	<ol style="list-style-type: none"> <li>1. Discussions</li> <li>2. Identified action items</li> <li>3. Photographic proof of meeting</li> </ol>

# 1. DISCUSSIONS

No	Agenda Item		
<b>1.1</b>	<b>Welcome, Introductions, Prayer</b>		
M Botha welcomed the community and introduced the project team and translator.			
It was explained that the Department of Water and Sanitation, Directorate Strategic Infrastructure Asset Management (SIAM) (the applicant) has appointed Naledzi Environmental Consultants as the independent environmental assessment practitioner (EAP) to conduct the Basic Assessment (BA) process and associated public participation for the proposed Casteel Dam Safety Rehabilitation project.			
<p>The purpose of the meeting was highlighted i.e.</p> <ul style="list-style-type: none"> <li>▪ Inform the community of the project</li> <li>▪ Share the project detail, explain the BA process, and public participation process to be followed and discuss the anticipated environmental consequences; and</li> <li>▪ Record any comments that need to be considered and addressed by the EAP during the BA process.</li> </ul>			
The project information would be shared using an English presentation with a Sepedi translation done by Mr Malope. Opportunity for questions and queries would be provided after the presentation.			
<b>1.2</b>	<b>Project Background</b>	<b>Presenter</b>	<b>Marissa Botha, NEC</b>
M Botha outlined that the DWS: SIAM is in charge of dam safety achieved through Dam Safety Evaluations (DSE) conducted every 5 years. Any safety risks identified at these dams are placed on the Dam Safety Rehabilitation Programme (DSRP) for repair.			
<p>Casteel Dam has been placed on the DWS Dam Safety Rehabilitation Programme (DSRP) for repair based on several safety risks identified during the recent Dam Safety Evaluation (DSE) i.e.</p> <ul style="list-style-type: none"> <li>• The unstable slope on the downstream dam wall</li> <li>• Dam seepage</li> <li>• Eroded gully further downstream of spillway channel</li> <li>• Outlet works are non-functional</li> </ul>			
These safety risks were illustrated using the status quo dam infrastructure photographs.			
The locality of Casteel Dam was illustrated using satellite imagery.			
It was noted that Casteel Dam is a medium-sized earth fill-embankment dam located on a tributary of the Tlulandziteka River on the farm Kasteel 231-JU between the settlements of Casteel and Arthur's Seat next to the R 40 Bushbuckridge-Acornhoek road. The dam is located within the Sand River Catchment and supplies irrigation water to the rural community and is frequented by local fishermen.			
<b>1.3</b>	<b>Project Description</b>	<b>Presenter</b>	<b>Marissa Botha, NEC</b>
The rehabilitation scope of works and locality of the components were outlined using a satellite map also noting that the dam capacity would not be expanded or increased. The main rehabilitation works were outlined i.e.			
<ul style="list-style-type: none"> <li>▪ 2.85 Ha of rehabilitation works would be conducted at the main dam embankment, spillway and outlet work.</li> <li>▪ A 0.9 ha temporary site office area would be established northeast of the dam</li> <li>▪ Upgrade and realign the existing access road to the dam</li> <li>▪ Use of a second access road during construction through Casteel settlement to access the spillway section of the dam.</li> </ul>			
The DWS Chief Directorate: Construction Management will undertake the necessary rehabilitation works at the dam over a twenty-four (24) month construction period. The existing outlet pipes at the dam will always be available to release water downstream to farmers during construction to ensure continued water supply to users.			
DWS will use its skilled labour and source unskilled labour from the community.			

No borrow pit will be established. The material will be sourced from a local licensed quarry.

1.4 &  
1.5

**Legal Requirements and BA process**

**Presenter**

**Marissa Botha, NEC**

DWS: SIAM requires environmental authorisation (EA) from the National Department of Forestry, Fisheries and Environment (DFFE) subject to a BA process and public participation conducted in line with Regulation 19 and 40-44 of the NEMA EIA Regulations of 2014 (GNR 326 as amended). DWS is exempted from the requirement to apply for a WULA; therefore no water use license is required.

Naledzi will conduct the BA process and the associated public participation process. The BA process's purpose is to inform the DFFE and the public of the environmental consequences of the project offered in a Basic Assessment Report (BAR). Based on the findings of the BAR management measures would be recommended in an Environmental Management Program (EMPr) to be observed by the DWS to minimise environmental and social impacts to acceptable levels.

M Botha outlined the BA and public participation process plan and schedule for the project using a process diagram. The main points outlined included:

- BA process reports are informed by field investigations, specialist studies and public inputs.
- The process has a regulated period of 197 days during which two sets of information are shared with the public through two rounds of public engagement i.e.
  - **1<sup>st</sup> Round:** Announces the project by sharing a Background Information Document released for 30 days of public registration and comment including a round of public meetings.
  - **2<sup>nd</sup> Round** – Sees the release of the BAR and EMPr for 30 days of public review and comment follow up by another round of public meetings.

The BA process specialist field investigations will be conducted in November 2022 i.e.

- A Terrestrial Biodiversity to assess the impact on the affected indigenous vegetation and protected trees
- An Aquatic Biodiversity to assess the impact on the wetland, dam and river.
- A Traffic Study to assess the increased traffic from construction vehicles generated at two points on the R40 and along the alternative construction access road.
- A Heritage Impact Assessment is to determine if any heritage / cultural resources may be affected in the project footprint and if any religious /rituals of the community at the dam are to be considered.

As part of the 1<sup>st</sup> round of PPP an advertisement has been placed in the Bushbuckridge News, site notices have been placed onsite and in communal areas and the BID is currently available for registration and inputs until 15 November 2022 at public venues i.e.

- Casteel Thusong Service Centre
- Tribal Offices of Moreipuso and Setlhare
- Mission Faith Church in Dingley Dale

The BID is available in English, Sepedi, Xitsonga and Sesotho and can also be downloaded from the Naledzi website: [www.naledzi.co.za/publicdocuments](http://www.naledzi.co.za/publicdocuments).

Community members can drop their comments in the ‘Suggestion Box’ or email Naledzi the completed Registration and comment forms or submit the completed forms after the public meeting. Two public meetings would take place on 25 and 26 October 2022 to address the community of Casteel and downstream water users.

Once the comment period lapses the EAP will prepare the draft BAR and EMPr informed by the specialist and public inputs and will be released for 30 days of public review and comment during January 2023 as part of the 2<sup>nd</sup> round of public consultation. Another round of public meetings will take place to discuss the findings of the reports.

<b>1.6</b>	<b>Project Schedule</b>	<b>Presenter</b>	<b>M Botha (Naledzi)</b>												
	<table border="1"> <thead> <tr> <th>Phase</th> <th>Time Frame</th> <th>Period</th> </tr> </thead> <tbody> <tr> <td>BA process</td> <td>18 months</td> <td>Done by <b>Nov 2023</b></td> </tr> <tr> <td>Contractor Procurement</td> <td>6 months</td> <td>Dec 2023 to <b>May 2024</b></td> </tr> <tr> <td>Construction Period</td> <td>24 months</td> <td>June <b>2024</b> to <b>May 2026</b></td> </tr> </tbody> </table>	Phase	Time Frame	Period	BA process	18 months	Done by <b>Nov 2023</b>	Contractor Procurement	6 months	Dec 2023 to <b>May 2024</b>	Construction Period	24 months	June <b>2024</b> to <b>May 2026</b>		
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<b>1.7</b>	<b>Discussion Session</b>	<b>All</b>													
1.7.1	<p><b>Question by Speaker Mathlake (Ga-Josefa)</b></p> <ul style="list-style-type: none"> <li>(a) Neither the IUCMA nor the Department of Agriculture is present at the meeting which is a concern.</li> <li>(b) The dam services other communities downstream from Casteel that should be consulted.</li> <li>(c) The community of Casteel also want access to the dam water supply through the furrows.</li> <li>(d) The community has fishing rights at Casteel Dam (Ga-Josefa) and must be allowed access to the dam.</li> <li>(e) The dam must be fenced off and monitored by a local security company.</li> <li>(f) The dam is to be referred to as ‘Ga-Josefa’ as proclaimed in 1952 by Queen Elizabeth.</li> <li>(g) The NEMA Regulations have been amended and its amendment must be used and applied to the BA process.</li> </ul> <p><b>Response by M Botha (Naledzi):</b></p> <ul style="list-style-type: none"> <li>(a) The IUCMA and Department of Agriculture (DoA) are registered interested and affected parties on the project database and were provided with the BID and invitation to the public meetings. The IUCMA generally don't attend community meetings but rather submits comments on the BAR and EMPR. The DoA was presented at the Dingley Dale public meeting on 26 October 2022.</li> <li>(b) Agreed. The dam supplies water to farmers downstream i.e. New Forest -, Dingley Dale Irrigation Scheme and Champagne Citrus Board. These stakeholders were notified of the project and were presented at the Dingley Dale public meeting on 26 October 2022.</li> <li>(c) The distribution of the water to farmers / downstream water users including the management and maintenance of the furrow/canals from Casteel Dam is the responsibility of the DoA, not DWS: SIAM. The furrows/canals are currently damaged and need to be repaired by the DoA. Any farmer wanting access to the supply via the canal needs to engage the DoA directly or contact the Bushbuckridge Local Municipality for assistance in this regard.</li> <li>(d) The rehabilitation works would be limited to the embankment, spillway and inlet work. Fishing would be able to continue along the rest of the dam away from construction activities.</li> </ul> <p><b>Response by Rodney Siwelane (DWS: SIAM)</b></p> <ul style="list-style-type: none"> <li>(e) The DWS is no in the tradition to fence off its dams and would restrict community access to the dam i.e. fishing rights, recreational use, thoroughfare etc.</li> </ul> <div style="border: 1px solid black; padding: 5px;"> <p><b>Please also see the below post-meeting note by the DWS: SIAM dated 14 November 2022 (SEE ANNEXURE C – DWS Statement):</b>  The DWS confirms that a detailed analysis to establish the viability of installing a fence and appointing a local security company is required. Since this process will require time and independent consultation it is requested that this issue be treated outside this BA process to avoid the creation of delays. A comprehensive response to this request will be provided by DWS at the beginning of the tender stage.</p> </div>														

	<p><b>Response by M Botha (Naledzi):</b></p> <p>(f) The dam is registered as Casteel Dam at the DWS. The Naledzi through the EIA/BA process does not seek or have a mandate to change the names of water resources or get involved in traditional issues around place/dam names. It is a reference for the BA process and environmental authorisation application.</p> <p>(g) Correct. The NEMA EIA Regulations are amended from time to time. The EIA Regulations are still referred to as the 2014 EIA Regulations (GNR 326 as amended) and would be applied as per its amendments.</p>
1.7.2	<p><b>Question by Rexon Mogakane (Greenville)</b></p> <p>(a) Where can the community submit their comments on the project?</p> <p>(b) The clay brick operation North of the dam is polluting the dam water, where can the community lay a complaint and who should reprimand this clay brick operation?</p> <p>(c) Did Naledzi consult the clay-brick company?</p> <p><b>Response by M Botha (Naledzi):</b></p> <p>(a) Community members can complete the registration and comment form obtainable at the meeting, Casteel Thusong Centre, Dingley Dale Faith Mission Church including the tribal offices of Moreipuso and Setlhare and submit it either to Naledzi by hand after the meeting or insert it into the 'Suggestion Boxes' available at the mentioned public venues. Alternatively, it can be downloaded from the Naledzi website and emailed directly to <a href="mailto:botham@naledzi.co.za">botham@naledzi.co.za</a></p> <p>(b) The clay brick operation is referred to as the Bushbuckridge Clay Brick Mine. The Aquatic Biodiversity Study for the project would consider this in the specialist reporting. The community or local authority can approach either the clay brick mine or the local Bushbuckridge IUCMA offices at 013-010-6049. Request to speak to Assah Thibela who is the responsible IUCMA official responsible for the catchment. Alternatively, it can be reported to the Ehlanzeni District MDARDLEA Offices at 013-759-4000.</p> <p>(c) Bushbuckridge Clay Brick Mine has been registered as an interested and affected party and notified of the proposed project using the BID.</p>
1.7.3	<p><b>Question by Albert Mohlolo (Setlhare Traditional Council)</b></p> <p>(a) How many skilled and unskilled job opportunities would be created by the project?</p> <p>(b) What is the overall value of the project?</p> <p>(c) The project is only proposed to be commissioned by January 2024. This is an issue the dam must be rehabilitated as soon as possible!</p> <p><b>Response by Rodney Siwelane (DWS:SIAM)</b></p> <p>(a) This information will be disclosed later on in the project.</p> <div style="border: 1px solid black; padding: 5px; margin: 10px 0;"> <p><b>Please also see the below post-meeting note by the DWS: SIAM dated 14 November 2022 (SEE ANNEXURE C – DWS Statement):</b></p> <p>The number of job opportunities created by the project will be determined and communicated during the tender stage which will commence after the conclusion of the current Basic Assessment process. Local labour will be sourced from communities identified by the project steering committee (PSC) in consultation with political principals, and traditional councils. Local authority and 'a stakeholder committee' in its entirety.</p> </div> <p>(b) The overall value of the project cannot be disclosed at this stage since there are still numerous variables being integrated and considered for the project.</p> <p>(c) Noted however the provided project schedule is in line with the timeframes to obtain the necessary approvals for the project including the procurement process to be followed.</p>

1.7.4	<p><b>Question by Community member</b></p> <p>(a) The dam wall is dangerously eroded. There is a big donga below the dam.  (b) Are there any plans to rehabilitate the Zoeknog dam?</p>		
	<p><b>Response by M Botha (Naledzi)</b></p> <p>(a) The rehabilitation of the donga below the dam spillway is being considered part of the BA process and dam rehabilitation work.  (b) According to the DWS, it is not relevant to this project. There are no plans to rehabilitate Zoeknog Dam.</p>		
1.7.5	<p><b>Question by Alson Magabane (Ward 14)</b>  There is another dam upstream from Casteel Dam, supplying water to Casteel Dam. Did DWS evaluate this dam and will it be rehabilitated?</p> <p><b>Response by Rodney Siwelane (DWS: SIAM)</b>  DWS will need to investigate the location of this dam and its status quo after the public meeting and respond later.</p> <p><b>Please also see the below post-meeting note by the DWS: SIAM dated 14 November 2022 (SEE ANNEXURE C – DWS Statement):</b> Officials from the Department of Water and Sanitation (DWS) and several community members who volunteered visited the dam on 25 October 2022. The dam is located upstream of Casteel Dam as mentioned during the meeting. The coordinates of the dam are as follows; Longitude: 30°58'27.41"E and Latitude: 24°40'25.85"S. The structure consists of an earth fill with an elevated concrete pipe culvert.</p> <p>The crest of the “dam” is used as a road linking different villages. On the day of the site visit, severe surface erosion was identified around the culvert and it is more likely to result in "dam" failure should nothing be done to remedy the situation.</p> <p>This dam is not registered with DWS and its ownership is unknown. Since the dam does not belong to the Department of Water and Sanitation it was concluded that the Directorate: Strategic Infrastructure Asset Management (SIAM) does not have a legal mandate to spend funds on this structure, therefore, its rehabilitation will not form part of the rehabilitation of Casteel Dam.</p> <p>The Department of Water and Sanitation has started a process of consulting Bushbuckridge Local Municipality concerning the ownership of this upstream dam and the possibility of the municipality repairing the road.</p>		
<b>1.8</b>	<b>Way Forward and Closure</b>	<b>Presenter</b>	<b>Marissa Botha (NEC)</b>
	<p>The way forward was recapped. Naledzi would prepare the minutes of the meeting and make them available to participants via the tribal council offices and local councillors. Opportunity is given until 15 November 2022 to register and submit comments in the ‘Suggestion Boxes’ available at the public venues alternatively can be emailed to Naledzi or handed to Naledzi after the public meeting.</p> <p>The BAR and EMPR will be prepared once the specialist studies have been completed and will be released in January 2023 for 30 days of public comment at the same public venues as the BID. Naledzi will announce this via newspaper advertisements and notifications to the tribal councillors and ward councillors and or SMS notifications to community members where contact numbers are available.</p> <p>Participants were thanked for their comments and the meeting was closed.</p>		

## 2. IDENTIFIED ACTION ITEMS

Action Item	Assigned	Completed
DWS to confirm how many jobs would be created and which communities will benefit from it.	Rodney Siwelane, DWS	Yes. 14 November 2022. Response provided in attached DWS statement (Annexure C) and provided as post-meeting notes in the above text.
The dam upstream from Casteel Dam must also be rehabilitated.		
Casteel Dam should be fenced and monitored by a local security company.		

## 3. PHOTOGRAPHIC PROOF OF MEETING



**Figure 1: 25 October 2022 public meeting gathering under a tent within the premises of the Casteel Thusong Centre. A full presentation was provided to the community using a data projector and screen.**



**Figure 2: Photograph of the community seated in the tent on 25 October 2022.**



**Figure 3: Chairperson, Marissa Botha (left), Absalom Malope acting as a translator (middle) and community member raising questions (right).**





**Figure 4: DWS: SAIM representative Rodney Siwelane (left) responding to community questions with Mr Malope to the right translating where relevant.**



**Figure 5: Setlhare Traditional Council representative, Mr Albert Mohlolo raising questions on to the number of job opportunities to be created by the project and overall project value.**

**Attachments:**

**Annexure A- Signed attendance register**

**Annexure B - PowerPoint Presentation**

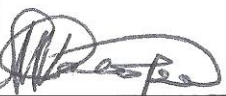


**Annexure C – DWS statement**

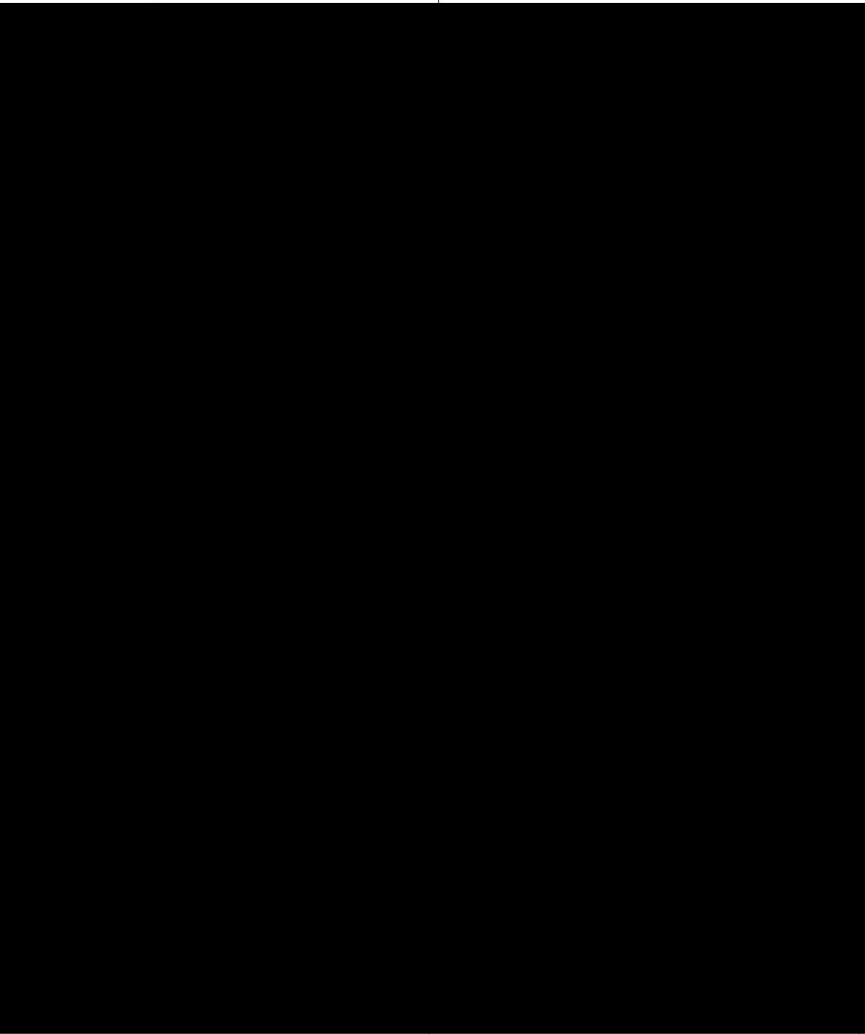




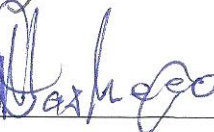

**ATTENDANCE REGISTER / NGWADIŠO YA GO TŠWA GO BA GONA**


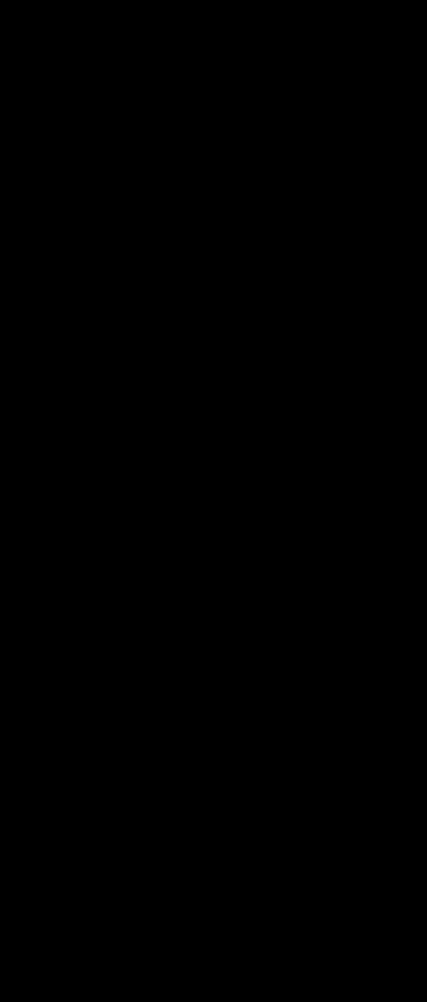





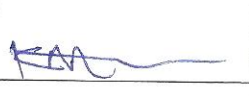
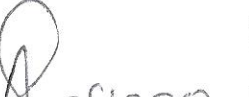
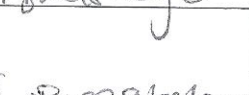
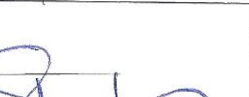
**CASTEEL PUBLIC MEETING / KOPANO YA SETŠHABA**


**PROPOSED CASTEEL DAM SAFETY REHABILITATION PROJECT, BUSHBUCKRIDGE AREA, MPUMALANGA PROVINCE**

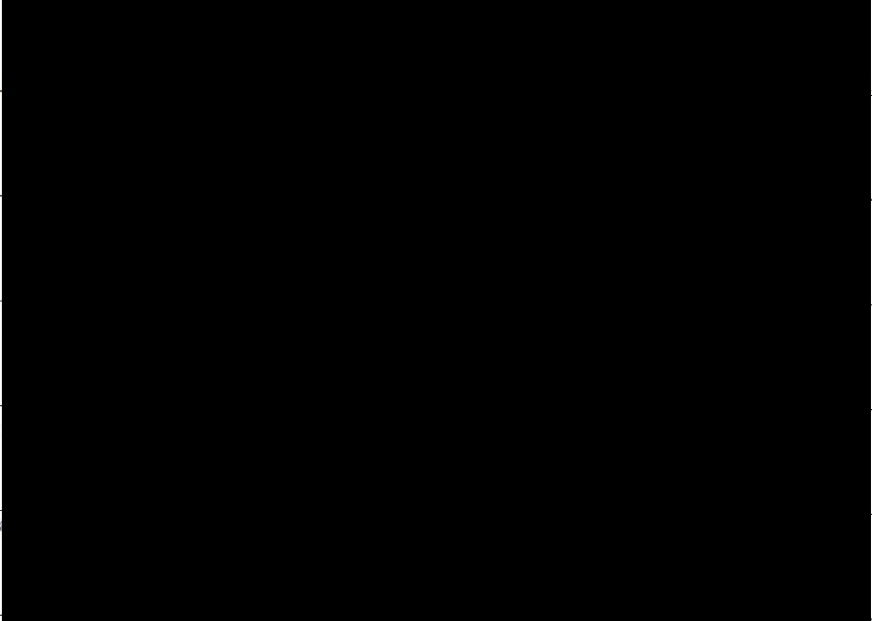



**DATE:** TUESDAY, 25 OCTOBER 2022      **TIME:** 11:00      **VENUE:** CASTEEL THUSONG SERVICE CENTER (TENT)

NAME AND SURNAME / LEINA LA MATHOMO SEFANE	ADDRESS / ORGANISATION / ATERESE / MOGATLO	CELLPHONE NUMBER NR YA SELEFOUNU:	EMAIL ATERESE YA IMEILI:	SIGNATURE MOSAENO
Sodag Mclape	Sec/dung chas Ga Joseph			
Maureen Mmisi	LIVESTOCK & FARMING Ga JOSEPH			mmisi
Inas mathebula	FARMING Ga JOSEPH			IHAS.
Debra Mosepe	Zookog stand no 2000H			Ⓟ
Pleasure Monqeng	Greenvalley			
Kate Chiloane	Green valley Ga JOSEPH			Chiloane
Portia B Mabhake	Farm / Stock			

NAME AND SURNAME / LEINA LA MATHOMO SEFANE	ADDRESS / ORGANISATION / ATERESE / MOGATLO	CELLPHONE NUMBER NR YA SELEFOUNU:	EMAIL ATERESE YA IMEILI:	SIGNATURE MOSAENO
SPEAKER MAHLAKE	52 94- JOSEFA TENGU. ALDENHURK. LAMOSA / BAKONE Royal Council			
BETTY MAKHELE	MOROPUSHO TRADITIONAL AUTHORITY			Betty
Suetradic Mogane	" "			
Tenacious Setgobela	Bana ba Kgwale			Tsetgobela
Bity Setgobela	Bana ba Kgwale			
Reekson Mogakane	Bana ba Kgwale			
Mashego M.N	Morei Puso			
Dibakwane A.E	Morei Puso Develop			AER.
Nonyane D.C	Morei Puso Development			

NAME AND SURNAME / LEINA LA MATHOMO SEFANE	ADDRESS / ORGANISATION / ATERESE / MOGATLO	CELLPHONE NUMBER NR YA SELEFOUNU:	EMAIL ATERESE YA IMEILI:	SIGNATURE MOSAENO
Lebyane McDonald	Moreipuso			
MAMANE TAETLO	MOREIPUSHO			
MKHONTO Mthabiseng	moreipusho			
Matsububse Kagiso	Moreipusho			
Mallouy Mtombi	Ward Committee			
Moluli Khensani	Ward committee			
Sylvia Mashego	Ward Comitee			
Lindiwe Mabelane	Ward Comitte			
Harry Mashego	Moreipuso			

NAME AND SURNAME / LEINA LA MATHOMO SEFANE	ADDRESS / ORGANISATION / ATERESE / MOGATLO	CELLPHONE NUMBER NR YA SELEFOUNU:	EMAIL ATERESE YA IMEILI:	SIGNATURE MOSAENO
Vivian Mashigo	Zoeknog			Mashigo

NAME AND SURNAME / LEINA LA MATHOMO SEFANE	ADDRESS / ORGANISATION / ATERESE / MOGATLO	CELLPHONE NUMBER NR YA SELEFOUNU:	EMAIL ATERESE YA IMEILI:	SIGNATURE MOSAENO
Flomish Timba	BLM			
MAEKISANE N.E	MOREIPUSHO T/L			
MORIPAMIN	" " "			MORIPAMIN
MABOPE B-A	" " "			MABOPE B-A
MASHECO D.H	" " "			MASHECO D.H.
MARISSA BOTHA	NALEDZI ENVIRONMENTAL CONSULTANTS			

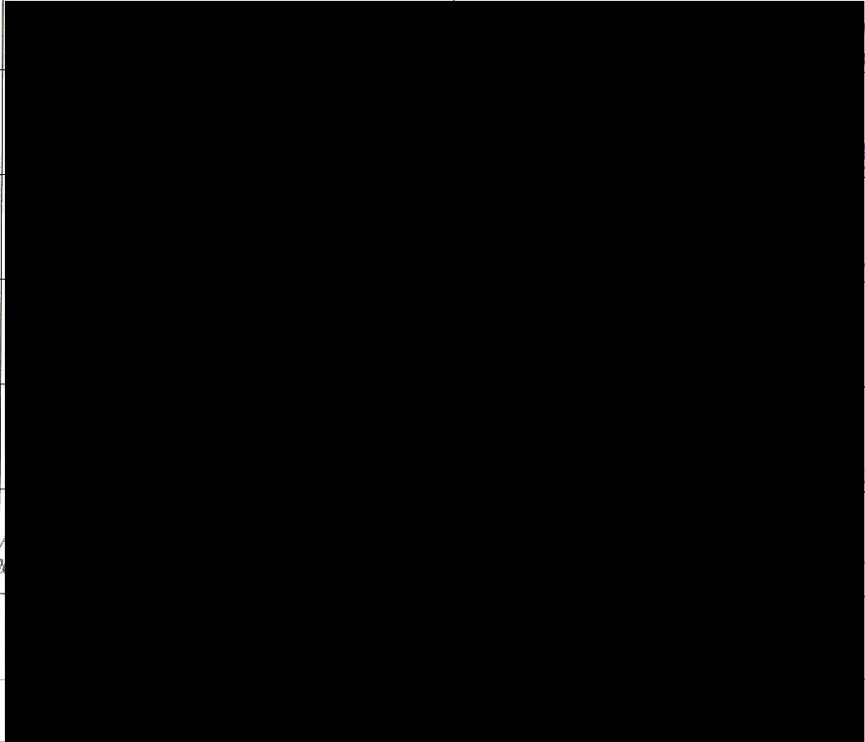







CASTEEL

ATTENDANCE REGISTER / NGWADIŠO YA GO TŠWA GO BA GONA



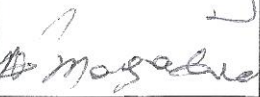



DOWNSTREAM WATER USERS PUBLIC MEETING / KOPANO YA SETŠHABA YA BAŠOMIŠI BA METSI BA TLASE

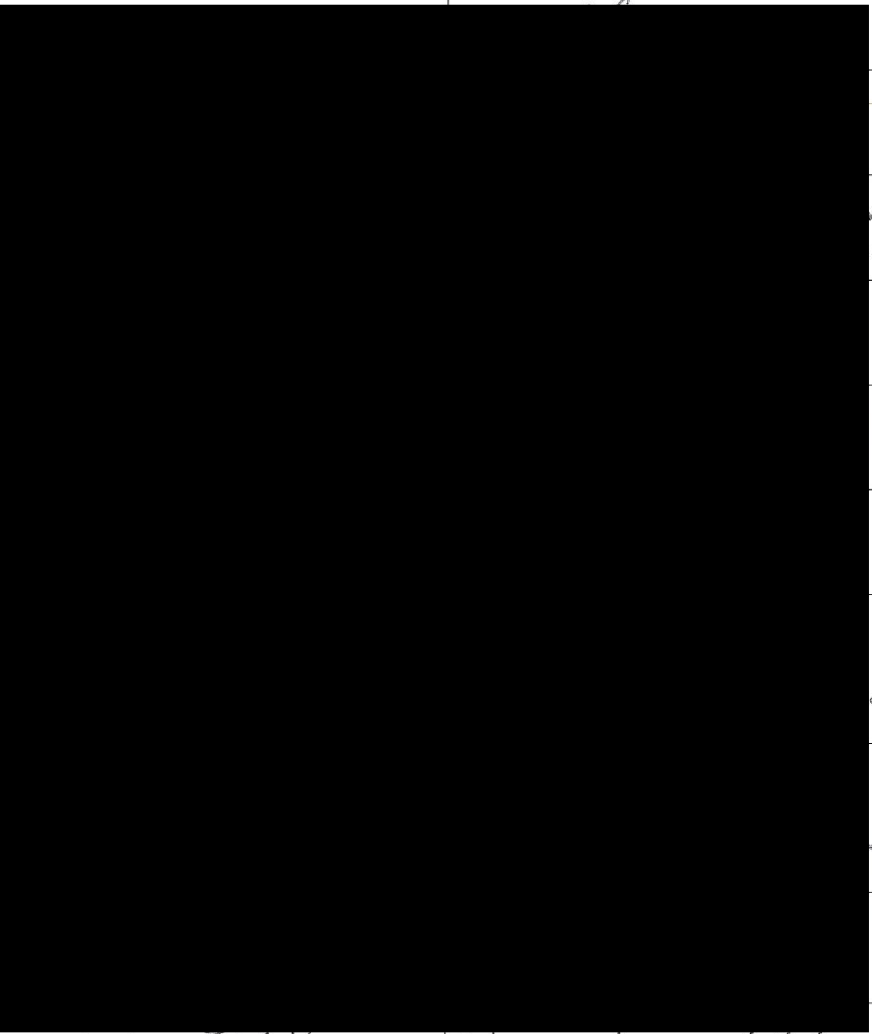




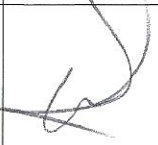
PROPOSED CASTEEL DAM SAFETY REHABILITATION PROJECT, BUSHBUCKRIDGE AREA, MPUMALANGA PROVINCE

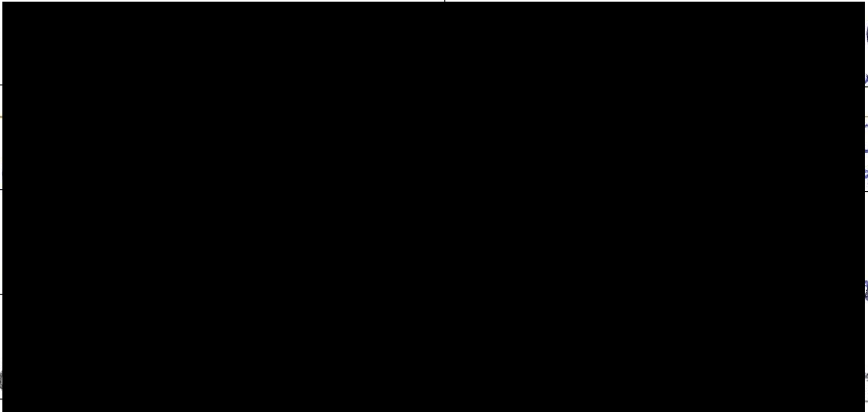

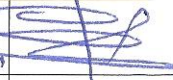


DATE: ~~TUESDAY 25~~ WEDNESDAY, 26 OCTOBER 2022 TIME: ~~11:00~~ 09:00 VENUE: ~~CASTEEL THUSONG CENTRE~~ FAITH MISSION CHURCH, DINGLEYDALE

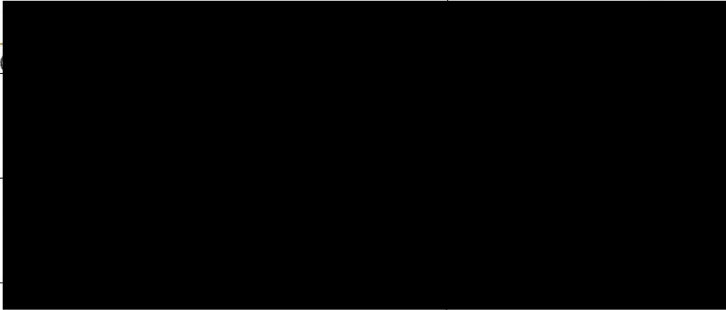
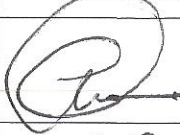


NAME AND SURNAME / LEINA LA MATHOMO SEFANE	ADDRESS / ORGANISATION / ATERESE / MOGATLO	CELLPHONE NUMBER NR YA SELEFOUNU:	EMAIL ATERESE YA IMEILI:	SIGNATURE MOSAENO
Matthew Mankani	BLM CUR 16			
Godfrey Mashaga	BLM C118 14			
Malayle Sety	BLM C112 32			
Thendo Maserene	NALEDZI ENVIRONMENTAL CONSULTANTS			
NH Mwalwa	Scheme Manager (BLM) Thulamaboshe			
R.O. Mabete	BLM: Thulamaboshe			
F R Mphahlele	BLM			

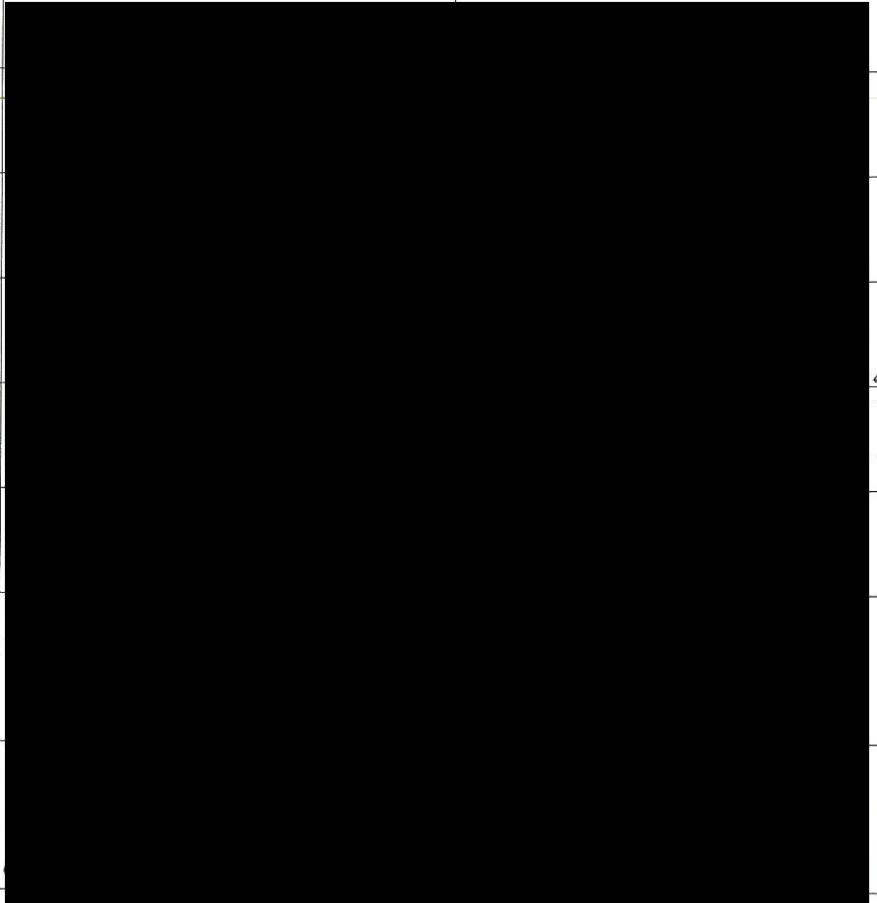
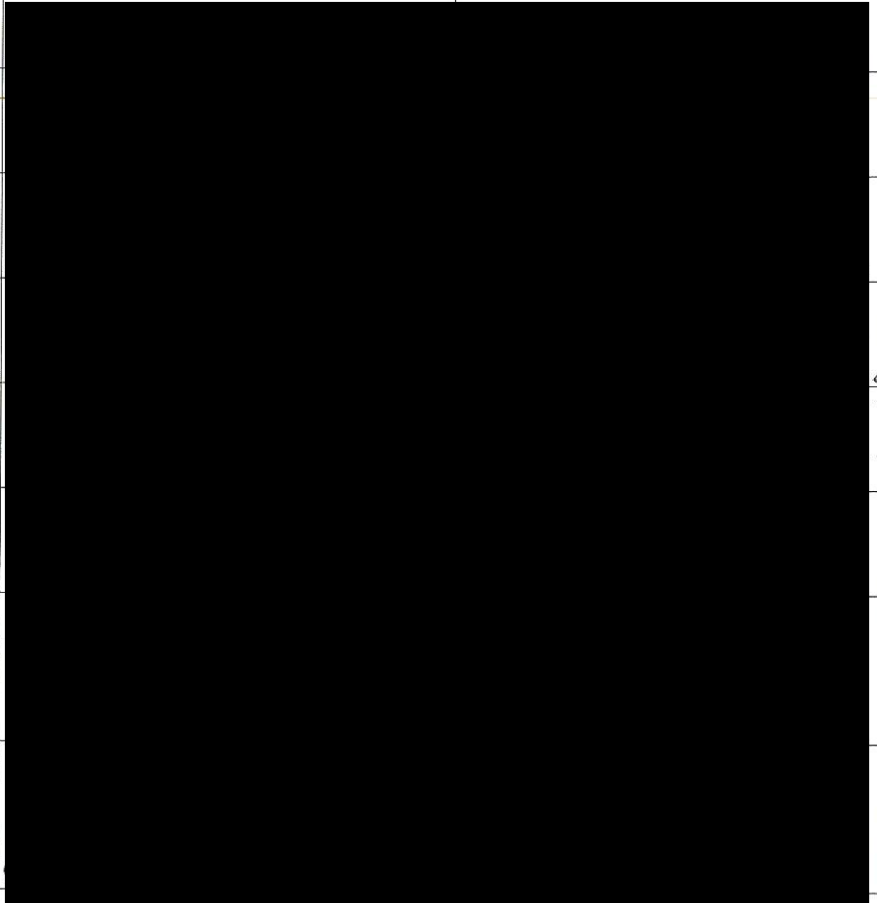




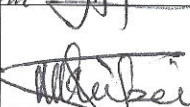

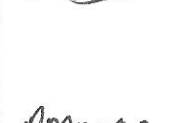

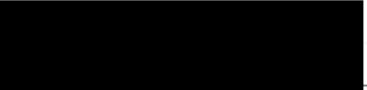

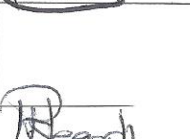


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Hendry Ngobeni	Green Valley Bana ba kgwale			
Delight Sibuyi	Green Valley Bana ba kgwale			Delight
MARCIA MONARENG	House no 10068 matsiatsane Bana ba kgwale			Monareng mT
Potego monareng	Green valley Bana ba kgwale			P. Monareng
Leita Monareng	Greenvalley Bana ba kgwale			L. monareng
RISON magabane	Bana ba kgwale			
Christinah Mlambo	Moreipuso			
Mohlatsheqa Ciff	Greenvalley			
Alan MashEgo	Greenvalley			

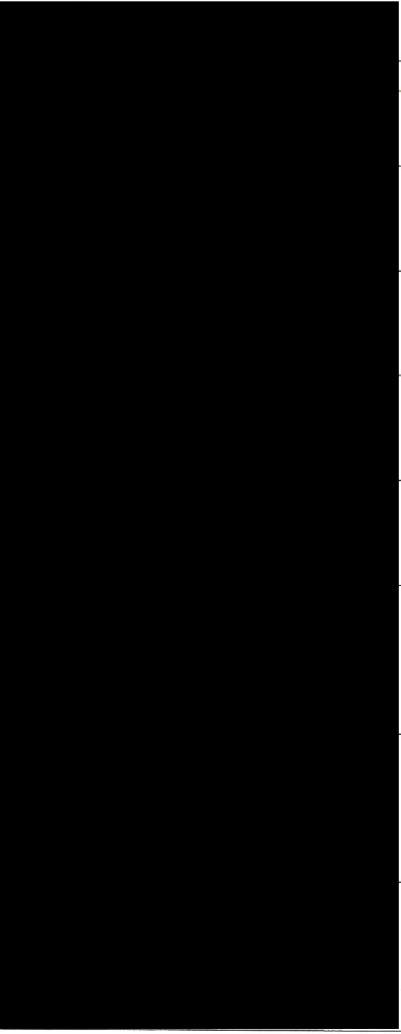







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Mxolisi Mohlabinu	Ga - Josephina			
Bright Monareng	Ga Josepha			
SURANE CHADI	MATHAMOGALE			
Temosho Chadi	CASTEEL 201 Tihosi ta muganga (Corporate)			Chadi
Melda Mashego	Zocknong			melda
Felda Mashego				Feldah
Chadi: Temoso	Chadi enterprise ventures			
Hloripho Masego	Morepiso Do. Forum			
Absalom Masego	Morepiso Forum			Masego A.

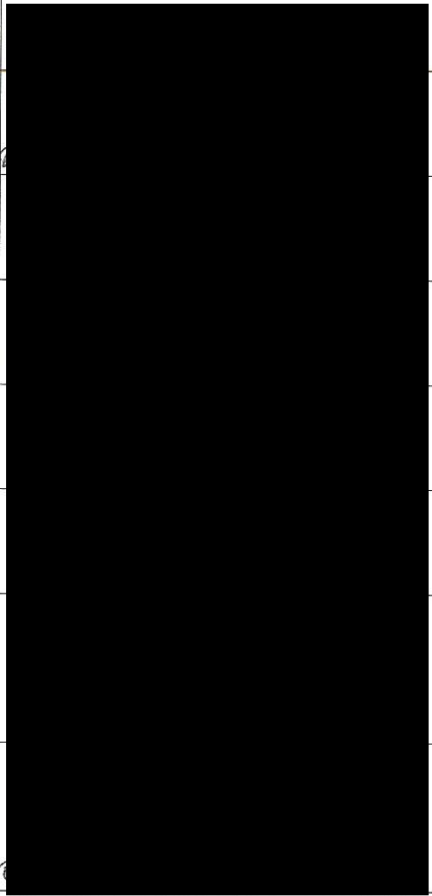
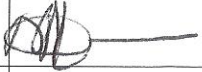
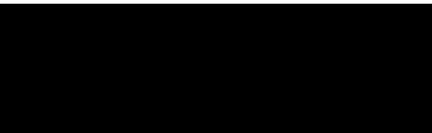
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MATHOMO MANGANI	BLM CIR 16			
G. Mashaga	BLM CIR 14			
S. Mashaga	B.L.M CIR 32			
J. Mougareu	DAB			

NAME AND SURNAME / LEINA LA MATHOMO SEFANE	ADDRESS / ORGANISATION / ATERESE / MOGATLO	CELLPHONE NUMBER NR YA SELEFOUNU:	EMAIL ATERESE YA IMEILI:	SIGNATURE MOSAENO
Emmanuel Chiloane	Arthursaat			
Hendrick Khumato	Arthursaat			
Abelina Chiloane	Eza. Joseph			

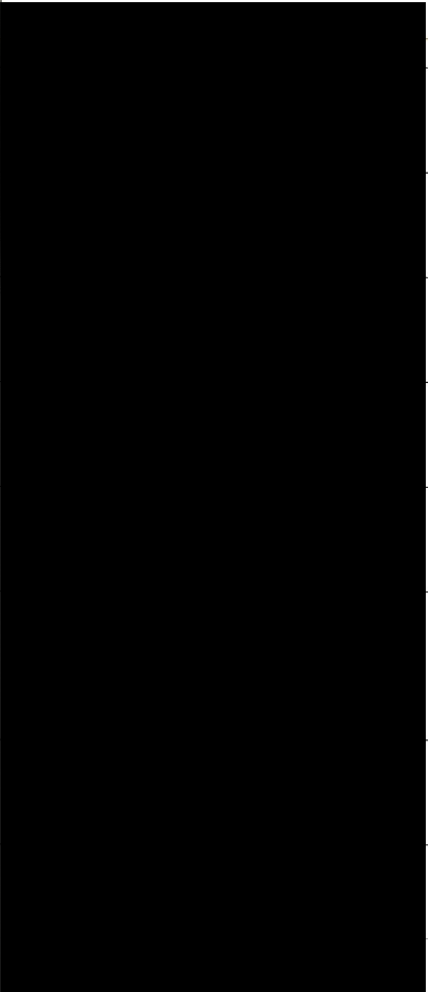
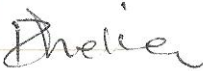

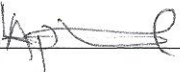



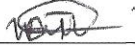

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Makutu Elphas	Mkhululwe					
Namane Zasta	Craigieburn					
Lucas Mkhabela	Craigieburn					
Leleko Alfred	Arthurseat					
BATTLE THIBELA	Craigieburn					
Lucas Chikane	Castled					
ANDRÉS MANUE	Craigieburn					
ALFREDO MATUMBU	Lekammba					
PATRICIA SECION	ARTHURSEAT					

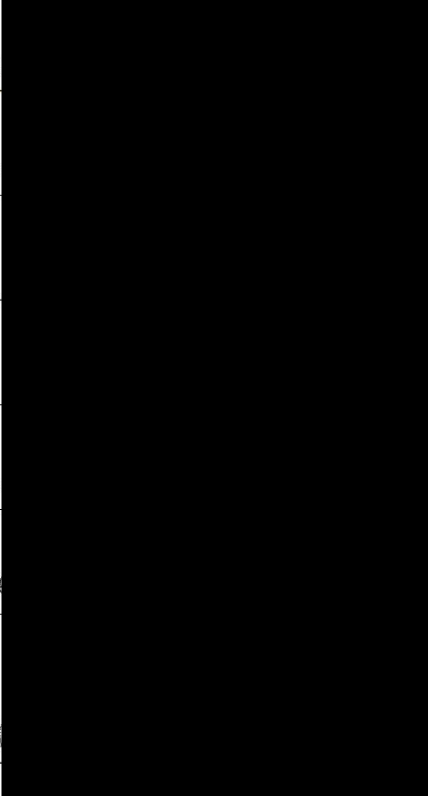



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Morengwa Mameja	Ga Joseph farming			D. Mameja
Pedwen Makutu	Ga Joseph farming			[Signature]
Aknos Madibe	Livestock (mkub) farming (une)			[Signature]
Ruthog Dilebo	Farmers.			[Signature]
Ephas Nkuna	Ga Joseph			[Signature]
Amason Mashile	Nyulani			A
Mehlatse Maoko	CASTEEL 207 Tihosi ta muganga Corperative			M. Maoko
EDWARD MONARENG	CASTEEL 207 Tihosi ta muganga Corperative			[Signature]
Khutsiso Theko	mthunzin mpisco			[Signature]

NAME AND SURNAME / LEINA LA MATHOMO SEFANE	ADDRESS / ORGANISATION / ATERESE / MOGATLO	CELLPHONE NUMBER NR YA SELEFOUNU:	EMAIL ATERESE YA IMEILI:	SIGNATURE MOSAENO
Thabane Mokoena	PHELENDABA			
Lawrence Sekatane	PHELENDABA			
MEISA MOHABINE	PHELENDABA			M.Mohabine
NESE MOFANE	PHELENDABA			
Enkie Sekatane	Phelendaba			
Zemata Malele	Wales			C.Malele
Marvellous Mokoena	Wales			
MabSolege Dophney	Mangamusi			
Pauling Setole	Mangamusi			

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Ntobele Morah Mosoma	Bana ba Kgwale			N.N. Mosoma	
Meme Mosoma	Bana ba Kgwale				
Enifer Sekatae	Bana ba Kgwale			L.E. Sekatae	
Queen Mosoma	Bana ba Kgwale			Q.B. Mosoma	
Christina Makutu	bana ba Kgwale			C. Makutu	
Cindy Mauti	bana ba Kgwale			C.M. Mauti	
Sania Mosome	Bana ba Kgwale			B.S	
Seling Mashego				S.B. Mashego	
Enkie Sekgobela	bana ba Kgwale				
					M.E. Sekgobela



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Phalia Chisore	Ratanang			
Leina Mokoape	Greenwally			LI
Evan Mashago	Mkhululine			R. E Mashago
PERCUMA MORAPANE	NEW-LIME			
Lebogang Aphané	Moreipuso			
Famos Mashago	Mamunina			
Sheron Ramauets	Moreipuso			
Ancia Mokoena	Ratanang			
Nomas Chadi	Moreipuso			
				

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Chibane Tsho	Setlhare T/C		---	
Chikane Smit	Setlhare T/C		---	
Lagash Eini	Setlhare T.C.		---	
Lettie Mashae	Ga. Joseph farming		---	L. Mashae
Meli-Malele	Ga. Joseph farming		---	H. Malele
Welcome Thabo Lejane	Green valley		N/A	W. Lejane
Walter Selome	Green valley		N/A	W. Selome

# **BASIC ASSESSMENT PROCESS**

PROPOSED KASTEEL DAM SAFETY REHABILITATION PROJECT,  
FARM KASTEEL 231-KU, CASTEEL, BUSHBUCKRIDGE LOCAL  
MUNICIPALITY, EHLANZENI DISTRICT, MPU

## **CASTEEL PUBLIC MEETING**

**25 OCTOBER 2022, 11 am**  
Casteel Thusong Centre (Tent)



# Agenda

1. Introductions and opening prayer, translator (Sepedi, Xitsonga)
2. Background
3. Project Overview
4. Construction Details
5. BA Process (listed activities, process, timeframe)
6. Potential Impacts and Specialist Studies
7. Discussion Session
8. Way Forward and Closure

## Introductions



**Applicant:** Directorate: Strategic Infrastructure Asset Management



Independent Environmental Assessment Practitioner (EAP)

# Background

- ❑ DWS: SIAM custodian of all department dams and in charge of dam safety.
- ❑ Dam safety is achieved through 2 tools:

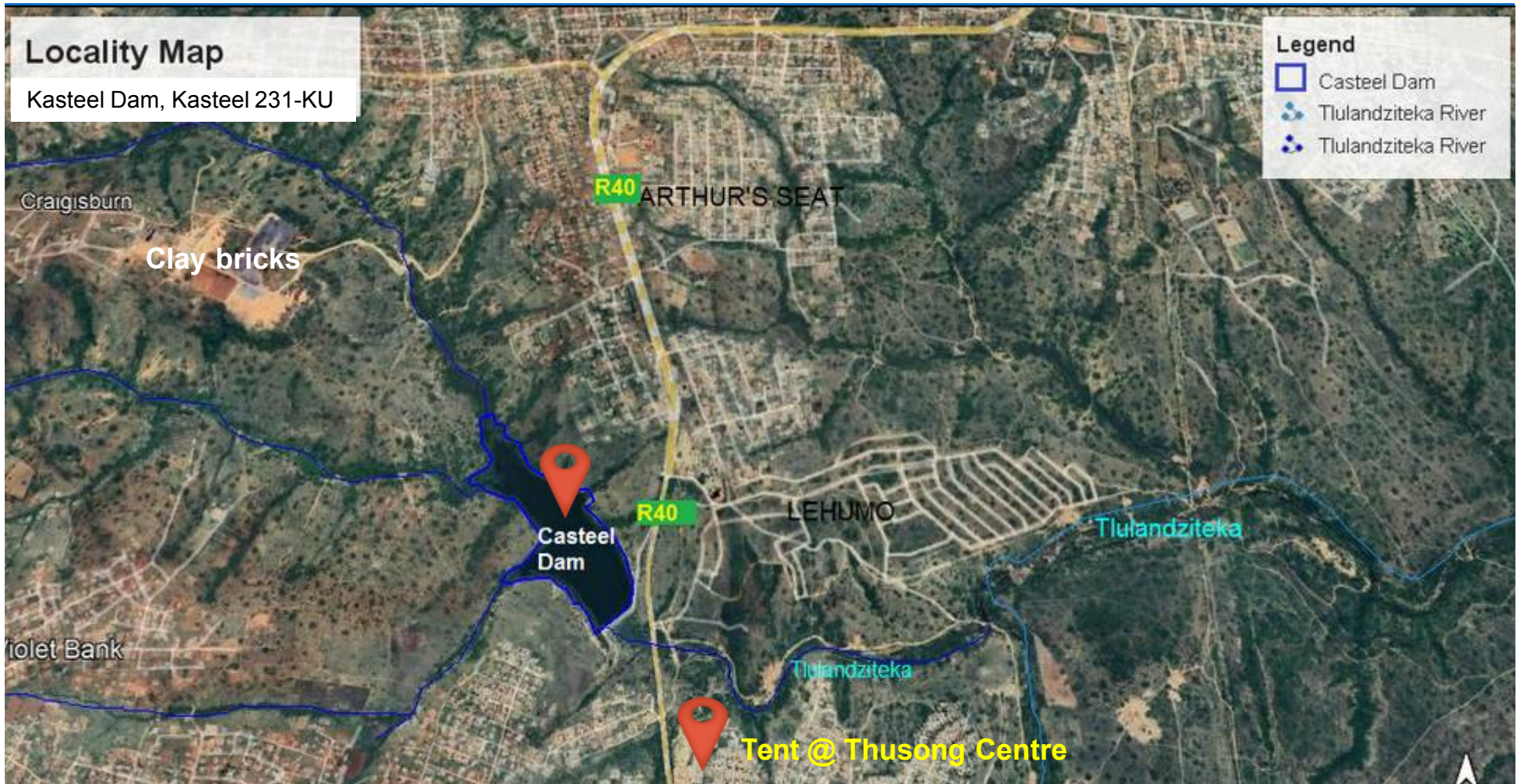


1. DWS Dam Safety Evaluations (DSE)



2. Dam Safety Rehabilitation Programme (DSRP)

- ❑ All DWS dams undergo a DSE every 5 years to identify any safety risks.
- ❑ Dams with defects are placed on DSRP for repair.
- ❑ 2015 DSE @ Kasteel Dam identified several risks i.e.
  - Slope on downstream dam wall is unstable
  - Dam seepage
  - Eroded gully further downstream of the spillway channel
  - Outlet works are non-functional
- ❑ @ Kasteel Dam locals fish and it supplies irrigation water to farmers downstream.
- ❑ **DWS:SIAM proposes to conduct scheduled rehabilitation works at Kasteel dam to address the defects.**



Casteel Dam	Description
Type	Medium-sized earth-fill embankment dam (Cat. II Significant Hazard Potential)
Capacity	1.18 million m3
Surface Area	16 Ha (Dam wall height 16.6m; Crest of 255m in length)
Spillway	Sharp Crested weir on right flank and outlet works (125m3/s)
Purpose	Built in 1965 to supply irrigation water to the rural community

# Risks Identified @ Kasteel Dam

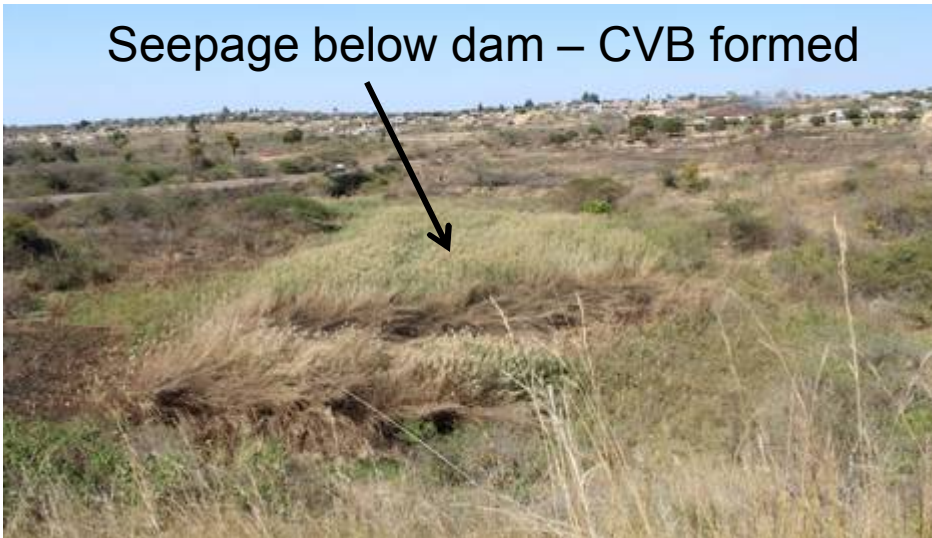
Steep downstream slope of dam  
- Rotational failure



Spillway channel cant handle RMF



Seepage below dam – CVB formed



Large donga below spillway





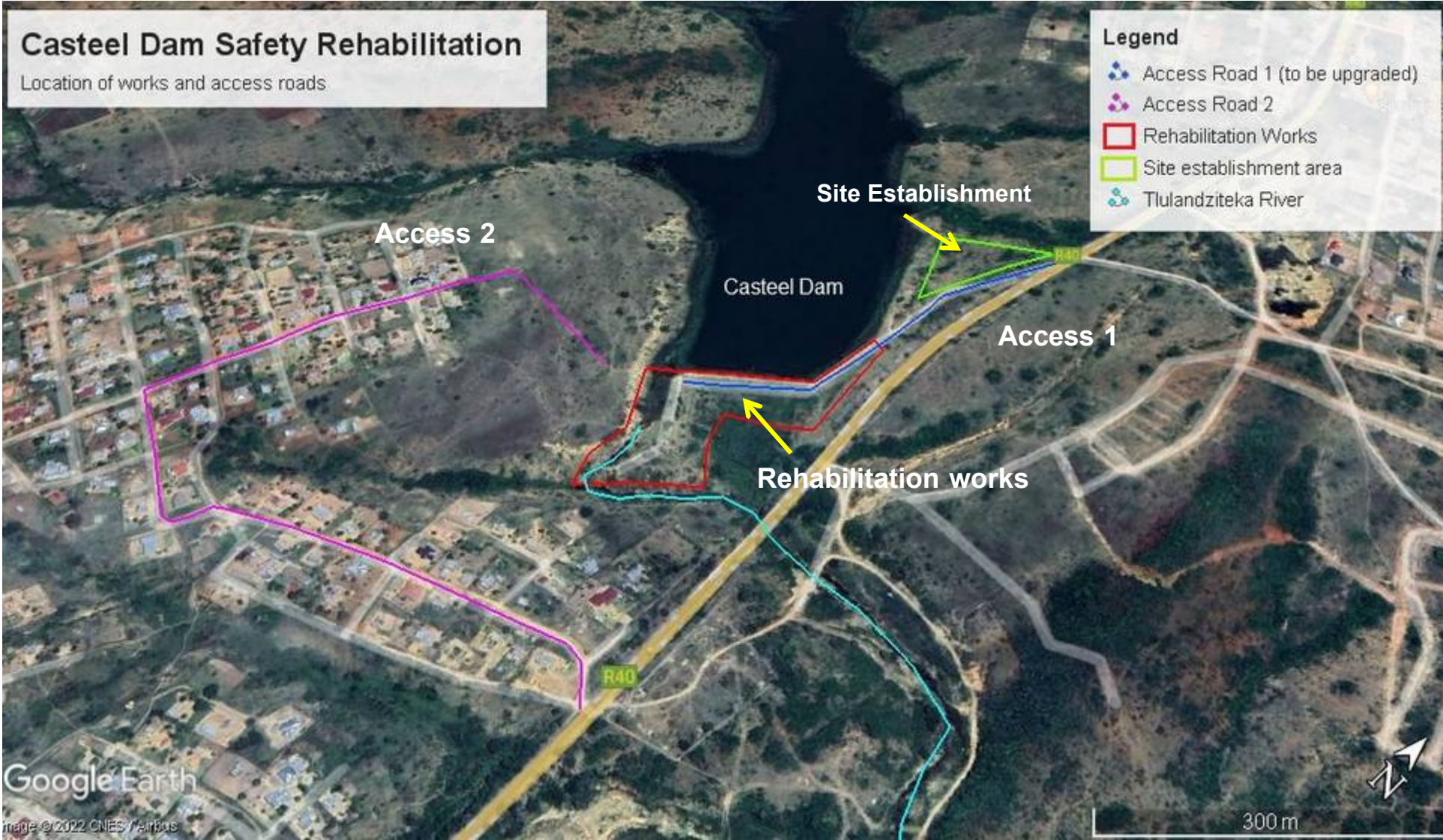
## Rehabilitation Works to be done ?

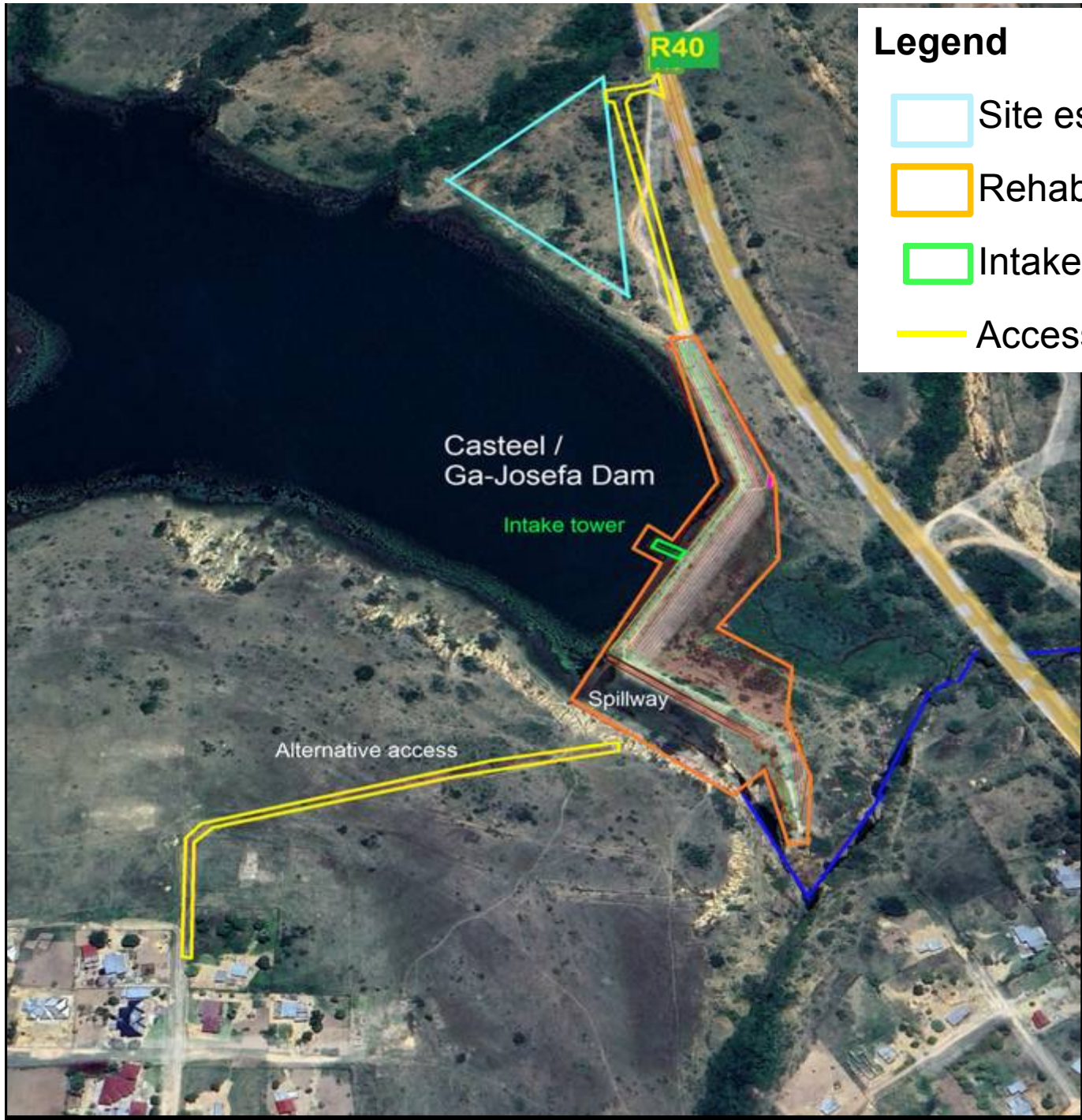
- (1) 2.85 ha Rehabilitation works @ main dam embankment, spillway and outlet works**
- (2) 0.9 ha Temporary Site office area**
- (3) Upgrade and realign existing access road to the dam**
- (4) Use a 2<sup>nd</sup> access road during construction to access spillway section at the dam.**

**Dam capacity will NOT be expanded/increased**

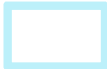





# Locality of Works





## Legend

-  Site establishment area
-  Rehabilitation Works area
-  Intake tower
-  Access roads

# What about the farmers downstream and jobs?



## Downstream farmers

- Water will still be released to downstream users
- Existing outlet pipes @ dam will always available to release water downstream to farmers.



## Who will do the job?

- ❑ DWS Chief Directorate: Construction Management
- ❑ DWS to use own skilled labour,
- ❑ Unskilled labour sourced from community (max 70 jobs)
- ❑ No borrow pit. Material will be sourced from local licensed commercial quarry.

# What does the LAW say?



DWS must obtain **Environmental Authorisation** from



forestry, fisheries  
& the environment

Department:  
Forestry, Fisheries and the Environment  
REPUBLIC OF SOUTH AFRICA

in terms of **National Environmental Management Act (Act 107 of 1998)** and **2017 Environmental Impact Assessment (EIA) Regulations**

# Legal Requirements

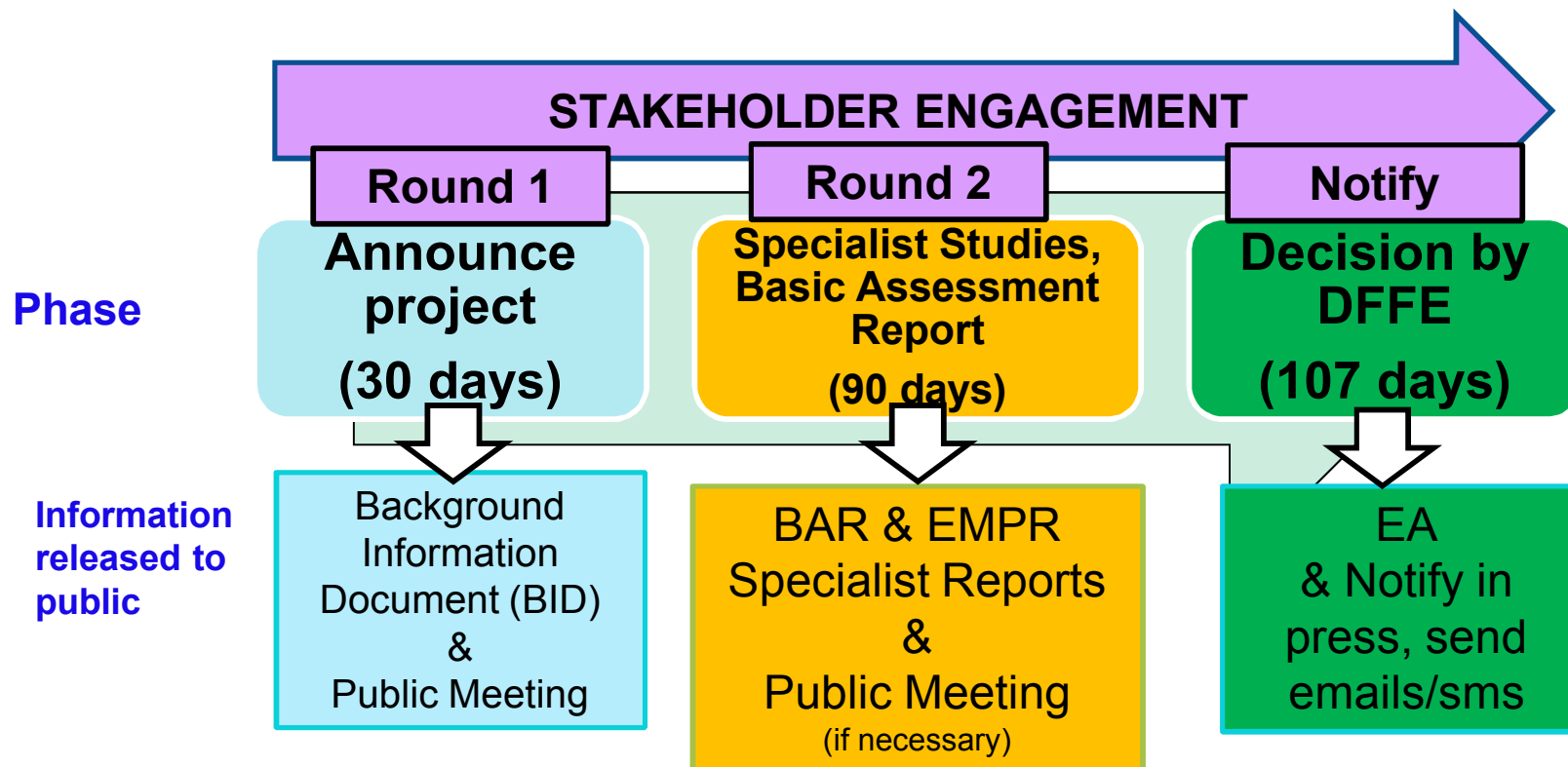
**Before DWS can start rehabilitation it must:**

- **Obtain Environmental authorisation (EA)**
- For triggered listed activities scheduled in the EIA Regulations 2014 published under NEMA.

**How does this application work?**

- Submit Application for Environmental Authorisation to DFFE
- Conduct an **Basic Assessment (BA) Process & Public Consultation**
- **Done by Independent EAP** for DWS
- Conducted in line with **NEMA EIA Regulations 2014 (as amended in 2017)**
- **DFFE consider application, reporting & public inputs, then issue EA**

# Basic Assessment Process



- Process Period = 197 days
- Round 1 (**now**) - Public has 30 days to comment on BID until 15 Nov 2022
- Round 2 - Public has 30 days to comment on BAR, EMPR, Specialist Studies (to be released in January 2023)

# Purpose of BA process

- Inform the DFFE and public of:
  - **Environmental consequences** of project offered in a **Basic Assessment Report (BAR)**
  - **Recommend management measures** which DWS must observe to minimise impacts to acceptable levels in an **Environmental Management Programme (EMPR)**
  - BAR and EMPR informed by field investigations, **specialist studies** and public inputs (such as today's meeting).

# SPECIALIST INPUTS REQUIRED

Studies	Why?
Terrestrial Biodiversity	Indigenous vegetation onsite and protected species (Marula, Aloes) Vegetation however show high level of disturbance
Aquatic Biodiversity	Presence of CVB wetland, dam and river
Traffic Impact Assessment	Construction traffic generated at two points on the R40 which includes delivery of construction material from a commercial quarry over a 24 month period.
Heritage Study	To determine if there are any heritage or cultural resources in the project footprint areas that may be affected. Any religious /rituals of community at dam to be considered!



# Public Participation

- ❑ Published advert in Bushbuckridge News
- ❑ Placed site notices onsite and in communal areas
- ❑ BID is currently available for 30 days registration and comment until 15 November 2022. BID available @ three public venues
  - ❑ Thusong Service Centre
  - ❑ Tribal Offices of Moreipiso
  - ❑ Tribal Offices of Sethlare
- ❑ Its available in English, Sepedi, Xitsonga and Sesotho.
- ❑ Drop you comments in the 'Suggestion Box' or email to Naledzi by filling in the Registration and Comment Forms
- ❑ Hosting 2 public meetings i.e. Casteel Thusong Center and 26 October at Faith Mission Church in Dingleydale.
- ❑ The community also welcome to fill in the forms available at the meetings and give to Naledzi after the meeting.

# Project Schedule



Phase	Time Frame	Period
BA process	18 months	Done by <b>Nov 2023</b>
Contractor Procurement	6 months	Dec 2023 to <b>May 2024</b>
Construction Period	24 months	June <b>2024</b> to May <b>2026</b>

# Way Forward

- ❑ Prepare, distribute and finalise the minutes of the public meeting
- ❑ Send to tribal councils and local councillors
- ❑ Allow I&APs to register and comment on project until 15 November 2022
- ❑ Can submit comments here at meeting, on comments sheets
- ❑ Complete forms at public venues and drop in suggestions box
- ❑ Next prepare Basic Assessment Report and make available for 30 days comment at same public venues as BID. Naledzi will announce this once ready.

# Environmental Assessment Practitioner



Unit 112, the Office Park, Schoeman  
Street, Polokwane, 0699



**Desmond Musetsho /  
Marissa Botha / Thendo Matsenene**



083-410-1477



084 226 5584



[dmusetsho@naledzi.co.za](mailto:dmusetsho@naledzi.co.za)  
[botham@naledzi.co.za](mailto:botham@naledzi.co.za)



[www.naledzi.co.za](http://www.naledzi.co.za)



## water & sanitation

Department:  
Water and Sanitation  
REPUBLIC OF SOUTH AFRICA

Enquiries: RW Siwelani  
Telephone: 012 336 7077  
Reference: 20/2/X302-26/D/1/22/PP1

Naledzi Environmental Consultants (Pty) Ltd  
Unit 112, the Office Park, Erf 352, Schoeman Street  
Polokwane  
0699  
South Africa

14 November 2022

### **RE: DWS RESPONSE TO Issues raised during PUBLIC PARTICIPATION for the REHABILITATION OF CASTEEL DAM**

ATT: M Botha and D Musetsho

The public participation meetings held on 25 and 26 October 2022 at Thusong Service Centre and Faith Mission Church in Dingleydale and your email dated 02 November 2022 bear reference. During the consultations the following issues were raise:

- a) How many jobs will be created and which communities will benefit from it?
- b) Dam upstream from Casteel also to be rehabilitated
- c) Dam should be fenced and monitored by local security company

Our comments or response are/is as follows:

#### 1. Number of Jobs and Communities

Number of job opportunities created by the project will be determined and communicated during the tender stage which will commence after the conclusion of the current Basic Assessment process. Local labourers will be sourced from communities identified by the project steering committee (PSC) in consultation with political principals, traditional councils, local municipality and 'stakeholder community in it's entirety.

#### 2. Repair of upstream dam

Officials from the Department of Water and Sanitation (DWS) and several community members who volunteered visited the dam on 25 October 2022. The dam is located on the

upstream of Casteel Dam as mentioned during the meeting and also in your email. The co-ordinates of the dam are as follows; Longitude: 30°58'27.41"E and Latitude: 24°40'25.85"S. The structure consist of an earthfill with an elevated concrete pipe culvert.

The crest of the "dam" is used as a road linking different villages. On the day of the site visit, severe surface erosion was identified around the culvert and it is more likely to results in "dam" failure should nothing be done to remedy the situation.

This dam is not registered with DWS and its ownership is unknown. Since the dam does not belong to the Department of Water and Sanitation it was concluded that Directorate: Strategic Infrastructure Asset Management (SIAM) does not have a legal mandate to spend funds on this structure, therefore, its rehabilitation will not form part of the rehabilitation of Casteel Dam.

The Department of Water and Sanitation has started a process of consulting Bushbuckridge Local Municipality concerning the ownership of this upstream dam and the possibility of the municipality repairing the road.

3. Installation of fence and security personnel.

A detail analysis to establish the viability of installing a fence and appointing a local security company is required. Since this process will require time and independent consultation it is requested that this issue be treated outside this BA process to avoid creation of delays. A comprehensive response to this request will be provided at the beginning of the tender stage.

Yours Sincerely



**ACTING DIRECTOR: STRATEGIC INFRASTRUCTURE ASSET MANAGEMENT.**

**NAME: J.M KGOPI SO**