APPOINTMENT A SERVICE PROVIDER TO PROVIDE A PROFESSIONAL ENVIRONMENTAL CONTROL OFFICER FOR THE BERG RIVER VOËLVLEI AUGMENTATION SCHEME (BRVAS) FOR THE CONTRACT DURATION OF 63 MONTH

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MINUTES OF THE TENDER CLARIFICATION MEETING HELD 7 OCTOBER 2026 ON MS TEAMS, AT 11H00

Present

TCTA representatives

Ms B Tshabalala (BT)	Procurement Administrator
Mr G Mnisi (GM)	Project Procurement Specialist
Mr N Msiza (NM)	Environmental Manager
Ms B Baiphaphele (BB)	Project Cost Technician
Ms N Mnukwa (NMn)	Project Office GIT

Prospective Bidders

As per the MS Teams Chat Box attendance registrations

Apologies

None

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1. ADMINISTRATION

1.1. OPENING AND WELCOME

The GM welcomed all present and declared the meeting opened and summarize the objective of the meeting as clarification of the scope of work.

2. THE FOLLOWING WAS PRESENTED BY TCTA AS PER THE ATTACHED POWER POINT PRESENTATION

2.1. ATTENDANCE REGISTER

Bidders were requested to register attendance in the MS Chat Box of the meeting and that such is linked to the key stage of this tender process in that it is compulsory and that such register will be used to determine if bidder attended this tender briefing or not.

2.2. PROJECT HISTORY, BACKGROUND AND SCOPE OF WORK

NM presented this to the bidders and indicating that the tender clarification meeting is not meant to supersede the published RFB but rather to clarify the scope of work. And effectively stated the provision of the RFB as published stands

2.3. SCOPE OF WORK

GM & NM presented the Procurement Process, General, Functionality

3. QUESTIONS FROM THE BIDDERS

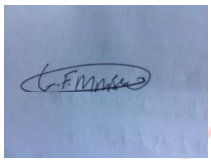
Questions/Issues Raised	TCTA Response
3.1. Are you going to share the presentation?	Yes, it will be part of the Minutes of the Tender Briefing meeting.
3.2. Timelines: What are the timelines for Road Construction.	Timelines for access road construction is included in the 36 months construction period. It is anticipated that access road construction will be 12 month and 24 months for the actual BRVAS main construction (36 months in total for construction activities)
3.3. Conflict of Interest	Kindly enrol the specific query regarding the possible conflict of interest on tenders01@tcta.co.za and TCTA will consult and revert accordingly pertinent to the conflict indicated.
3.4. Do we submit the detailed programme with the proposal now?	Yes
3.5. ISO 14001 Standard?	The successful bidder (Auditor) will be tasked with conducting ISO14001 Audits to check conformance to the Standards requirements over and above the audits required by the Environmental Authorisation and the Water Use License
3.6. EAPASA?	Yes, it is part of the bid requirement. EAPASA Registered EAPs are eligible to respond to the RFB, same as those professionally registered with SACNASP
3.7. How will skills development be measured?	The bid requires that you develop a baseline need analysis of the proposed candidate to be trained. The success of the training will be evaluated against this baseline training needs.
3.8. ANNEXURE J?	This form allows you to provide TCTA with information so that bidders are allowed access to Byls Bridge Office Park (TCTA Offices) where the proposals must be submitted as directed by the RFB.
3.9. Can bidders only propose for ECO function only?	No. Bidders must submit their proposals for both ECO & Auditor and must cover both functions as provided for in the RFB.
3.10. The RFB indicates 2 Envelope; must we separate price and technical proposals?	Yes

4. CLOSURE

It was first confirmed that the bidders do not have further questions or points of clarity, thereafter all present were thanked for attending the meeting and meeting was closed at approximately **11:04 AM**

Bridgette Tshabalala Digitally signed by Bridgette Tshabalala Date: 2026.10.14 17:22:52 +02'00'

Secretary **Date**



Digitally signed by Godfrey Mnisi Date: 2026.10.15 11:16:16 +02'00'

Chairperson **Date**

APPOINTMENT A SERVICE PROVIDER TO PROVIDE A PROFESSIONAL ENVIRONMENTAL CONTROL OFFICER FOR THE BERG RIVER VOËLVLEI AUGMENTATION SCHEME (BRVAS) FOR THE CONTRACT DURATION OF 63 MONTHS

Compulsory Briefing Session
7 October 2026

11:00 AM

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Agenda

Welcome, Introduction and Purpose	Godfrey Mnisi
Attendance Register	Godfrey Mnisi assisted by Bridgett Tshabalala
Project History and Background	Neo Msiza
Scope of work	
Bid Requirements: Procurement Process, General, Functionality	Godfrey Mnisi & Neo Msiza (Functionality)
Discussion, Questions and Answers	All
Closing Remarks	Godfrey Mnisi

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Attendance Register

Please provide the following in the chat box:

- Name & Surname
- Company Name
- Email address
- Contact number

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BACKGROUND AND HISTORY

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Project History and Background

- The Western Cape Water Supply System (WCWSS) serves the City of Cape Town, surrounding urban centres and irrigators/farmers from the Berg, Eerste and Sonderend rivers.
- WCWSS consists of infrastructure components owned and operated by the City of Cape Town and the Department of Water and Sanitation.
- In response to system pressure:
  - DWS in 2007, commissioned the Western Cape Reconciliation Strategy Study to determine future water requirements for a 25-year planning horizon.
  - The study found that whilst 566 million m^3/a would be available from 2007, the estimated water requirements in 2011 would be 560 million m^3/a, with the implication that the water supply system will then be fully utilized, and thus additional interventions will be required.
  - A number of options were investigated in response to address the deficit, then BRVAS was identified as the feasible option

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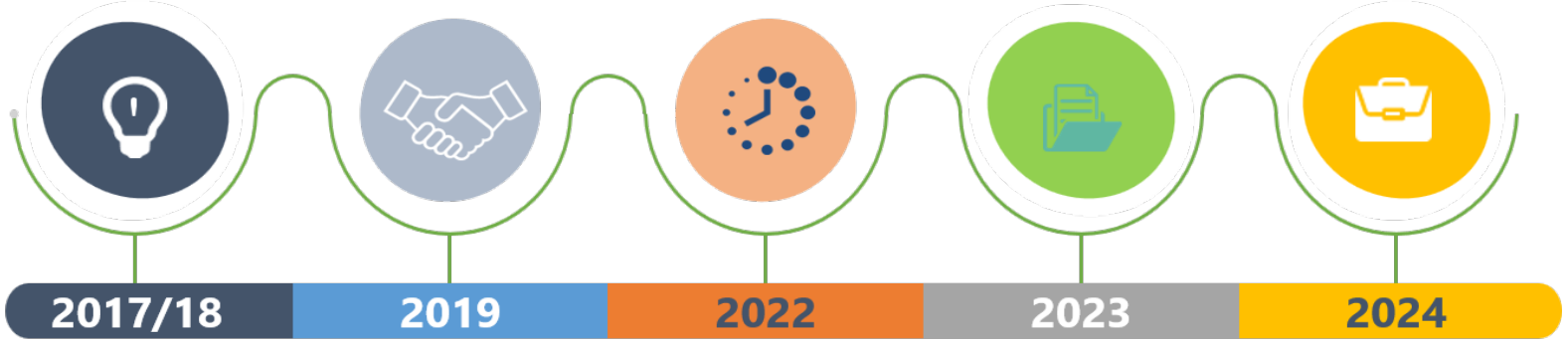
Project History and Background

- In 2017, the Minister of Water and Sanitation directed Trans-Caledon Tunnel Authority (TCTA) to implement the BRVAS project as it adds strategic transfer option to support long term system security for the WCWSS.



2017/18

EA Amend 1

- EIA (Specialist studies, EMPr & Plans.
- Preferred pipeline and discharge point alternative 3 and the preferred access road alternative 1
- Appeal upheld (LSA 164523)
- EA Amendment 1: Aquatic Assessment

2019

EMPR

- The EMPr submitted as part of the Application for EA must be amended and submitted to the Department for written approval prior to commencement of the activity

2022

EA Amend 2

- Environmental Authorisation validity period extension from 20/07/2022 to 20/07/2027.
- Environmental Authorisation transfer to TCTA from DWS

2023

ESDD

- ESDD for BRVAS in order to secure Long-Term Funding.

2024

WULA

- WULA process started in 2022
- Hydrology report finalized in 2024
- WUL approved in December 2024

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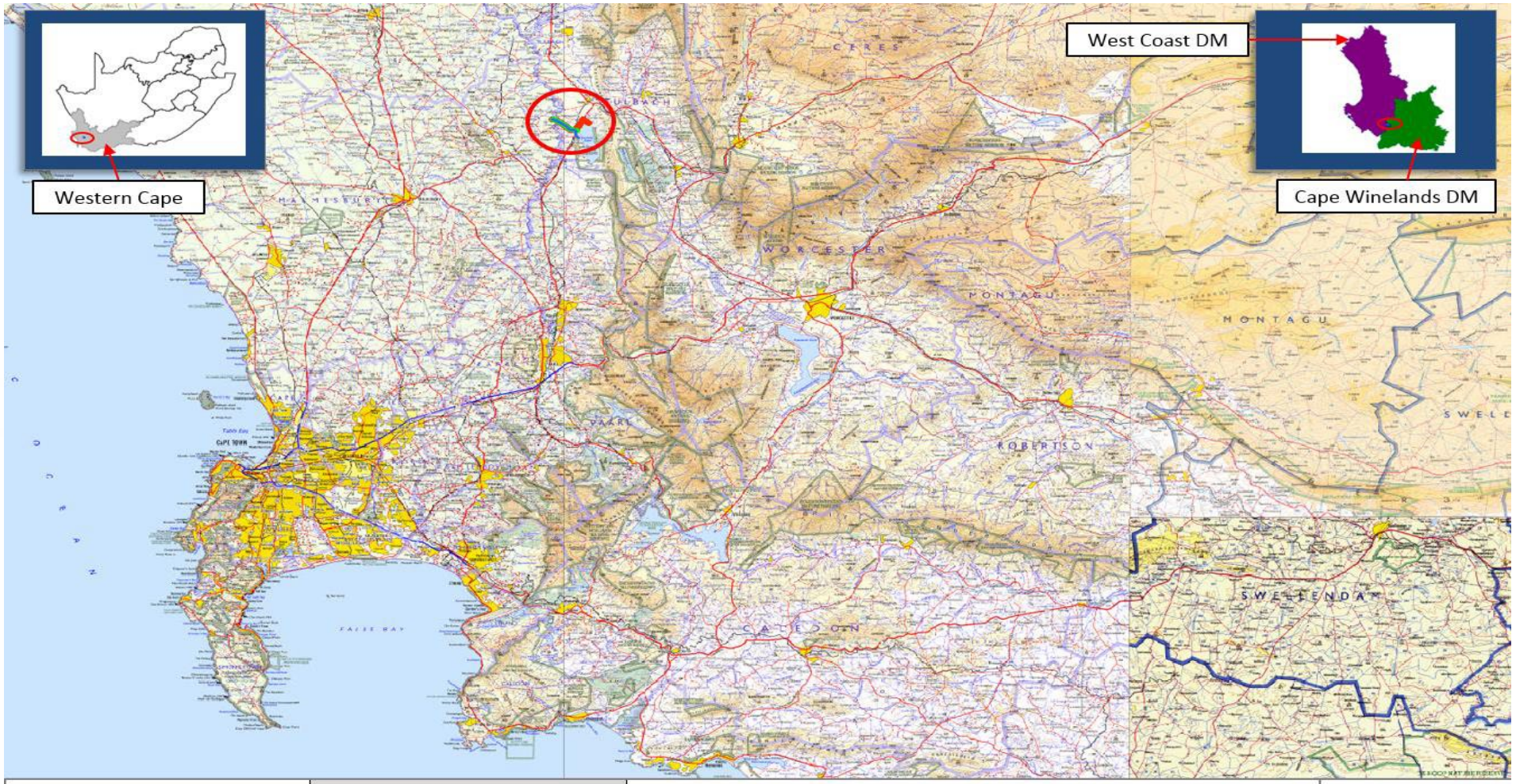
Project Location



Prepared for:

water & sanitation
Department: Water and Sanitation
REPUBLIC OF SOUTH AFRICA

Prepared by:

NEMAI CONSULTING

EIA FOR THE PROPOSED SURFACE WATER DEVELOPMENTS FOR AUGMENTATION OF THE WESTERN CAPE WATER SUPPLY SYSTEM

Berg River Catchments

Legend

Alternative 1 - Northern Outlet Structure
- Pipeline 1

Alternative 2 - Central Outlet Structure
- Pipeline 2

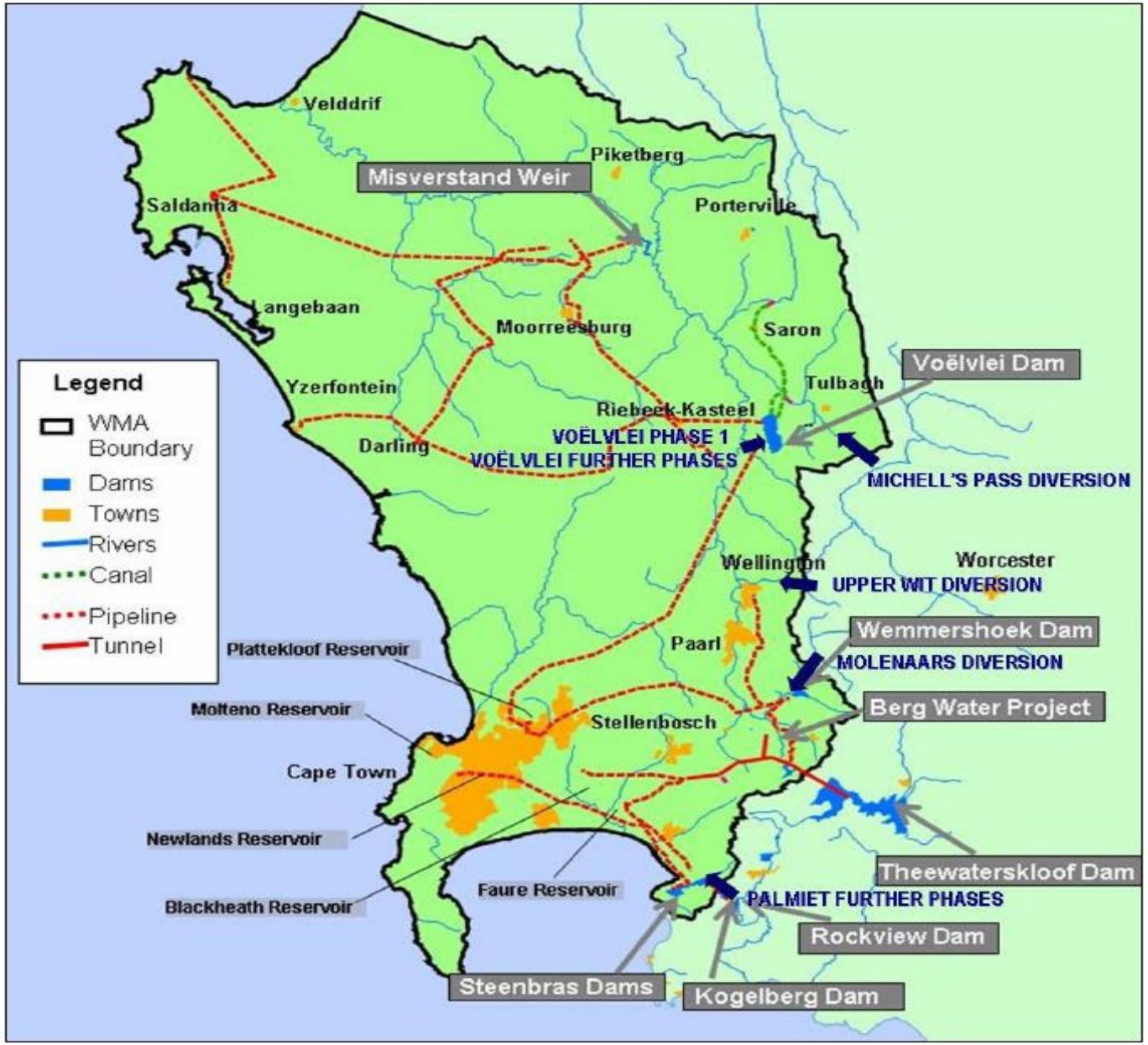
Alternative 3 - Southern Outlet Structure
- Pipeline 3

- Western Cape
- Cape Winelands District Municipality
- West Coast District Municipality

N

Scale 1:650000
0 12 24 36 48 60 km

Project Location



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Project Scope

THE PROJECT BRIEFLY COMPRISES OF THE FOLLOWING:

23 million m^3/a

1:50-year incremental raw-water yield (winter transfer)

1 to 4.6 m^3/s

Pumping range from the diversion weir

6.35 km

Approximate rising-main length

1.5 m

Steel rising-main diameter

Abstraction works

River diversion weir
Diversion works (temporary construction coffer dams for the weir & pipeline crossings)
Pump station (4 x VSD pumps)

Transfer system

6.3km steel rising main
Delivery to Voëlvlei Dam from the Berg River
Connection to Swartland WTW
Summer release into the Berg River

Associated works

Fishway and canoe chute
Access roads (Permanent & Temporary)
S-Shaped Saddle embankment
Electricity infrastructure for the pumpstation, and
EWR measures to align with the Berg River Estuary requirements

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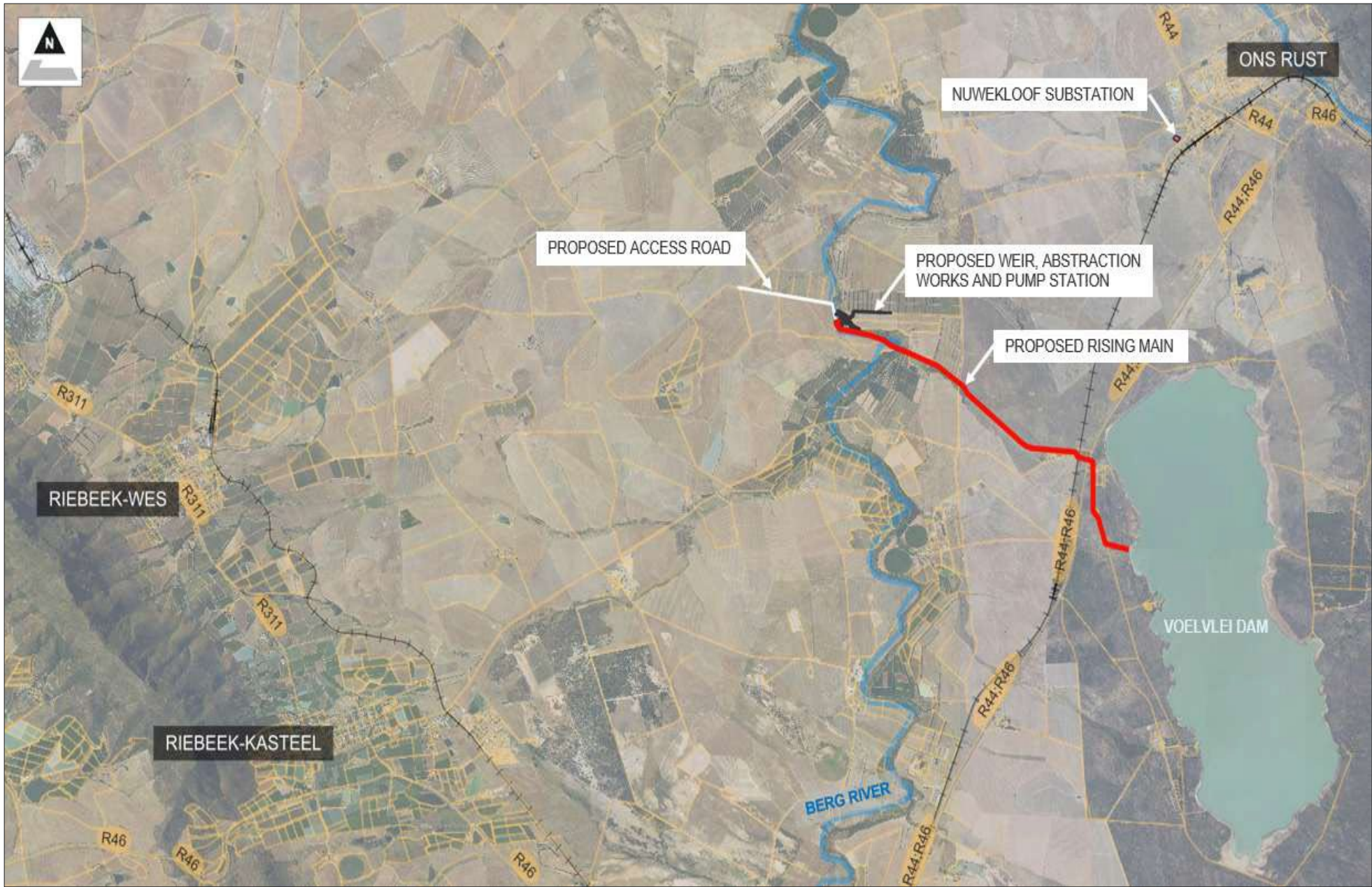
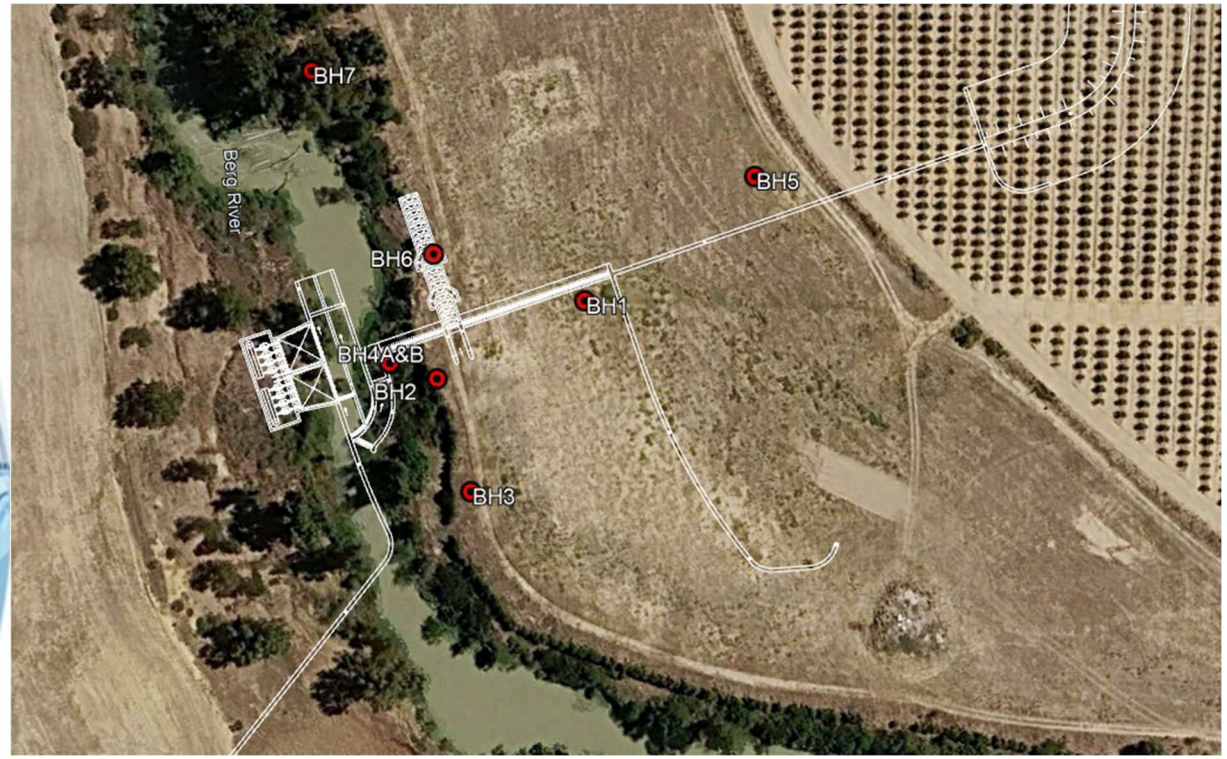
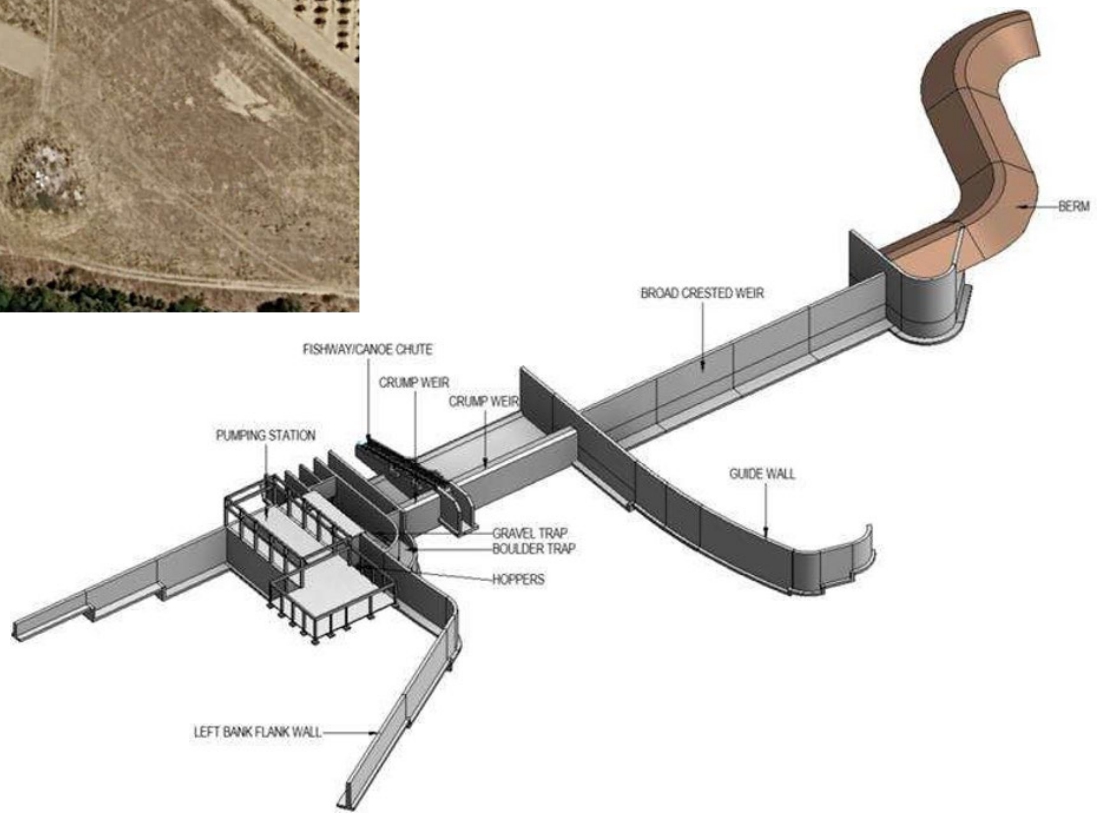
BRVAS EA Approved Alignment



Project Layout: Abstraction works & Weir



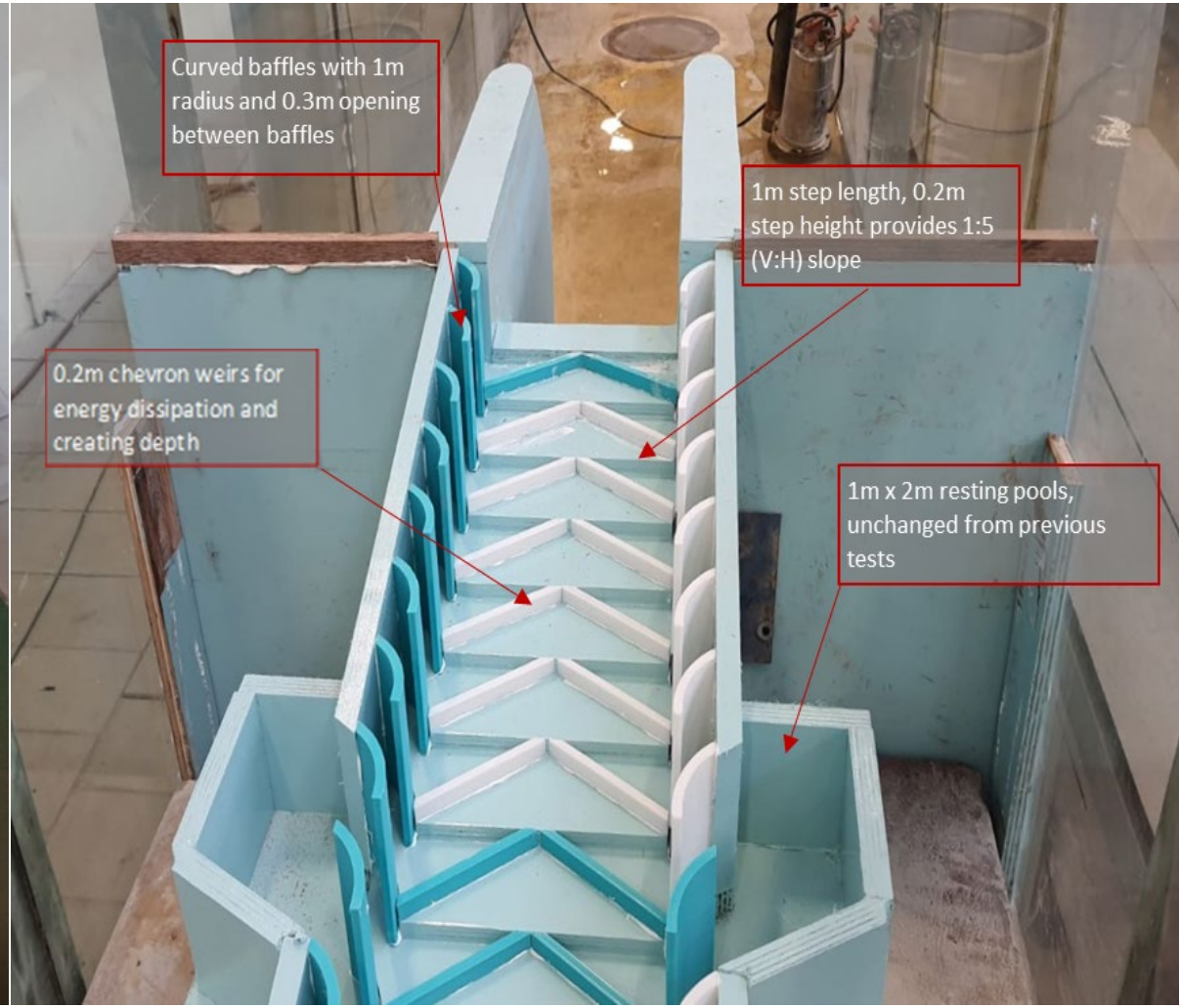


Project Layout (Hydraulic Model)

3D Physical hydraulic model study @ University of Stellenbosch – Final Layout

PROJECT LAYOUT (FISHWAY CANOE-CHUTE)

Upstream view of fishway canoe chute (with flow)



Downstream view of model (no flow)

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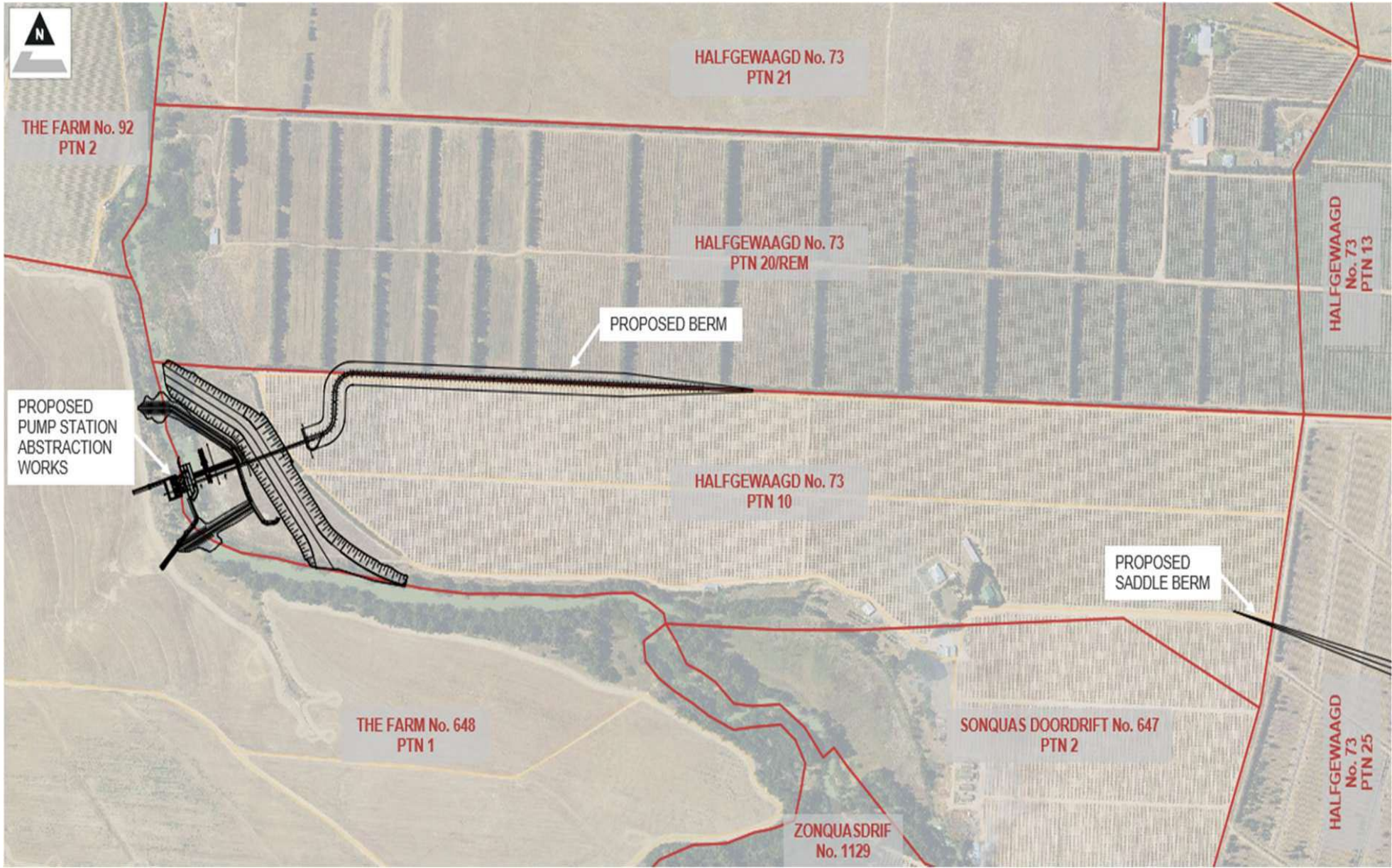
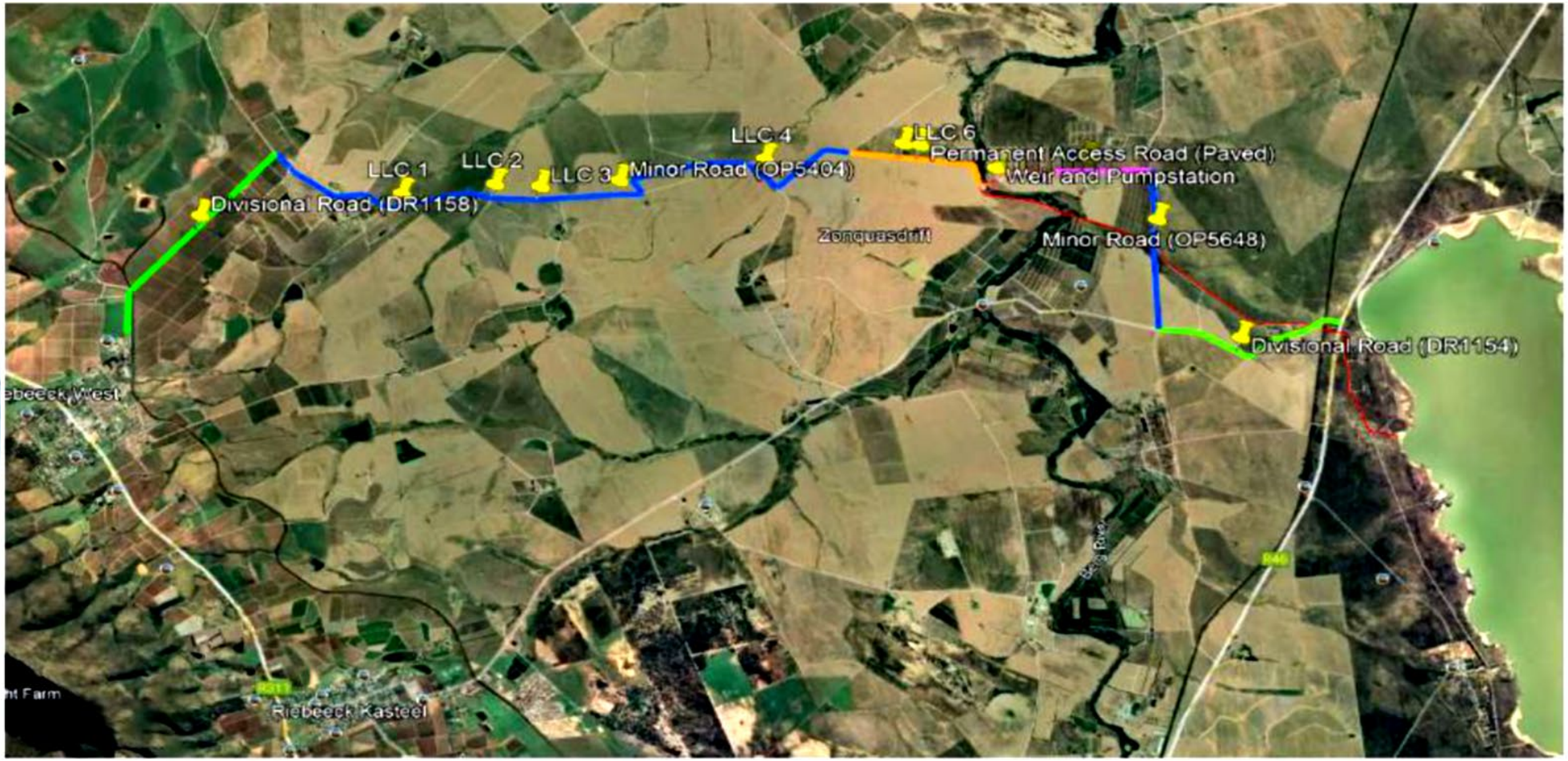
Project Layout (S-Shaped Saddle Embankment)



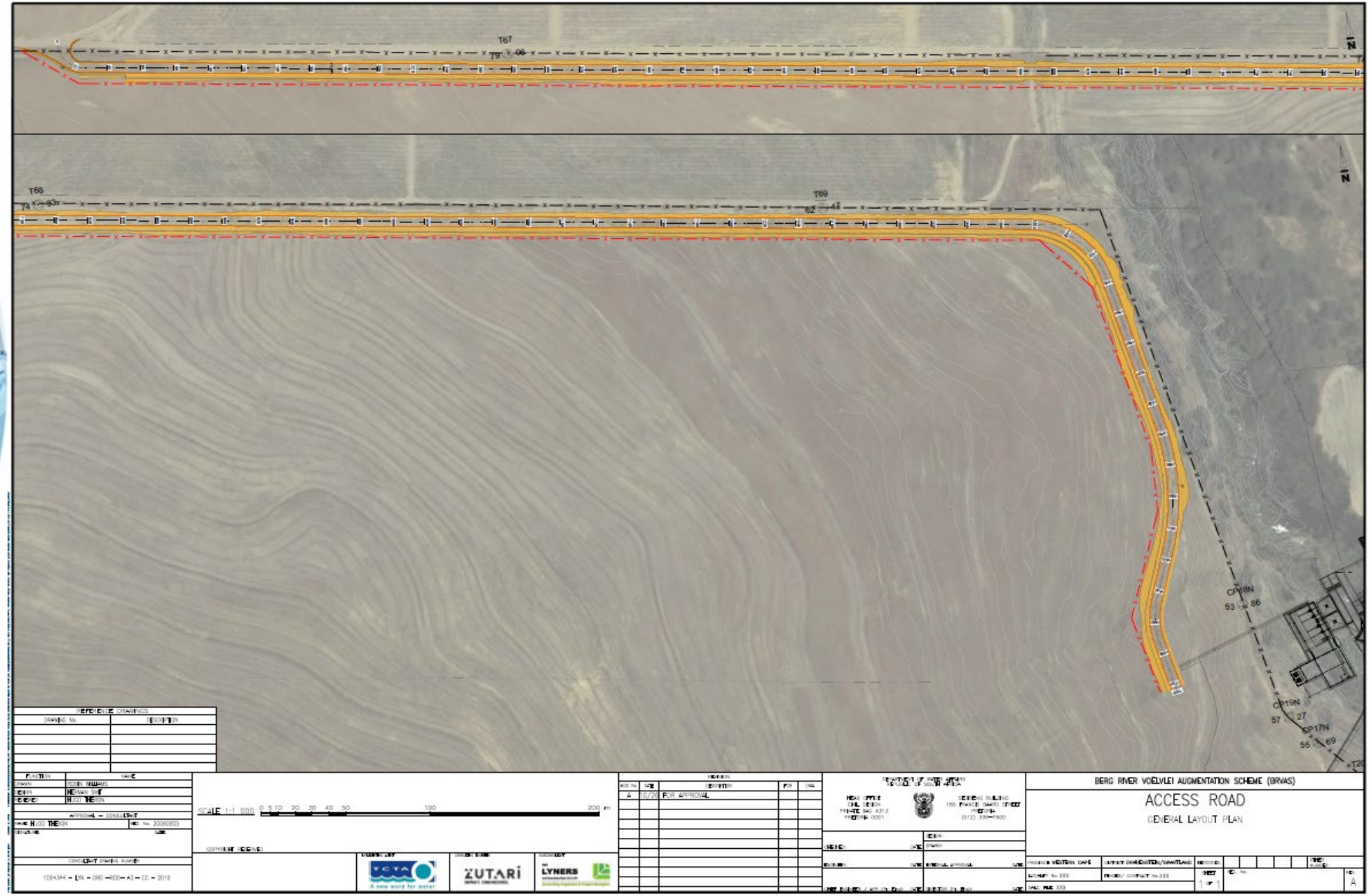
Project Layout (Access Roads)



Legend

	Divisional Roads
	Minor Roads
	Permanent Access Road
	Temporary Access Road (Earth-fill Embankment)
LLC	Low-level Crossing

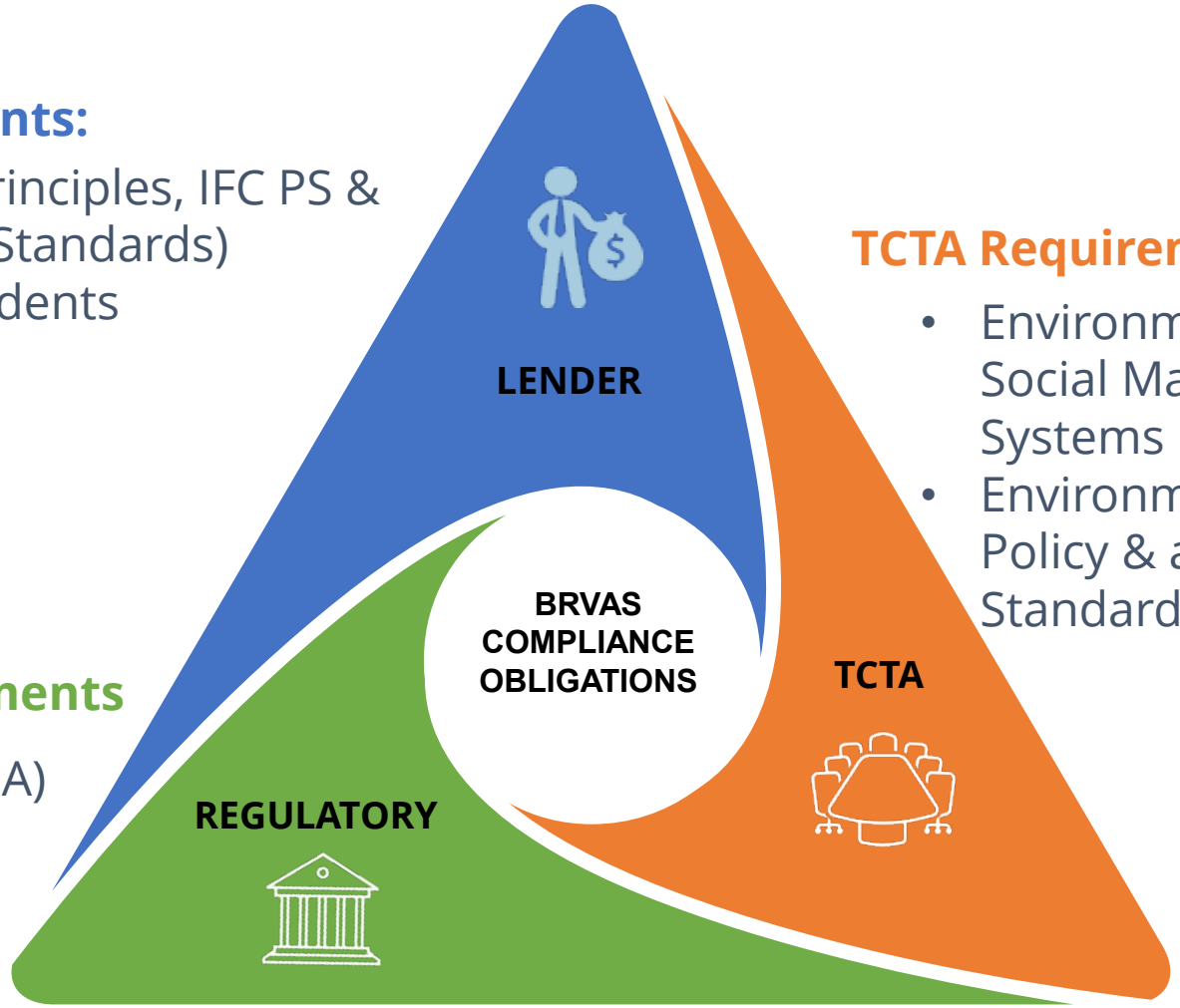
Project Layout (Access Roads)



BRVAS Environmental Compliance Obligations

Lender Requirements:

- ESDD (Equator Principles, IFC PS & World Bank EHS Standards)
- Conditions Precedents



TCTA Requirements

- Environmental & Social Management Systems
- Environment & Social Policy & aplicable Standards

Regulatory Requirements

- Env Authorisation (EA)
- EA Amendments
- Appeal Decision
- Water Use License
- EMPr
- Applicable Legislation

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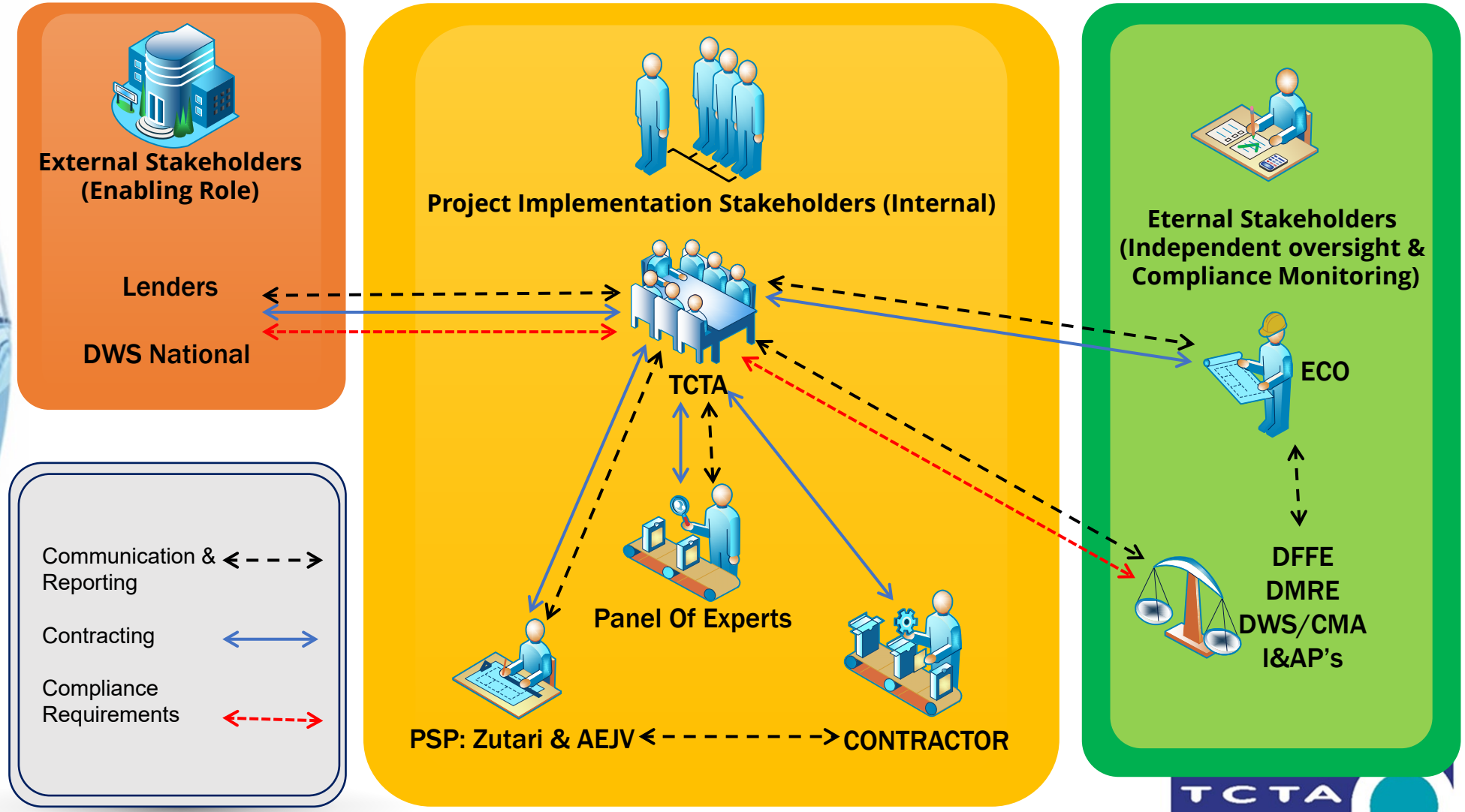
BRVAS Environmental Stakeholder Governance



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SCOPE OF WORK, EXPERIENCE AND DELIVERABLES

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ECA/Auditor: Scope of Work

- The ECO and Auditor are primarily required to provide an independent oversight, by monitoring and auditing on behalf of DFFE and DWS the implementation of the BRVAS project in accordance with the requirements of the EA, EMPr and WUL.
- The ECO and Auditor will remain employed until the end of the defect's liability/notification period or the end of effective rehabilitation.
- Rehabilitation is complete when the measures specified in the EA, EMPr, WUL and the Rehabilitation Management Plan are implemented, and all landowners have signed off on the rehabilitation on their properties.
- The Auditor is required to conduct environmental audits as per the EA, WUL requirements and the TCTA ESMS requirements (ISO14001).

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ECO/Auditor: Scope of Work

01	**Site monitoring**	Inspect construction activities and verify application of mitigation measures as per the EA, EMPr & WUL.
02	**Independent auditing**	Assess compliance with the EA, EMPr, WUL and TCTA ESMS requirements.
03	**Evidence and reporting**	Produce formal reports supported by photographs, video and documented findings. Reporting to the competent authorities as per the EA, EMPr & WUL requirements
04	**Project participation**	Attend relevant environmental and Chief Resident Engineer meetings.

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ECO/Auditor: Scope of Work

The ECO is independent of the Authorities, all project implementation partners and is also not linked to the project authorities.

As an independent Consultant, the ECO/Auditor is not responsible for:

- EA, EMPr and WUL implementation.
- Primary environmental data collection and analysis (unless it's for verification of findings).
- Resolving I&AP's complaints.

The ECO/Auditor does not have the authority to:

- Make project-related decisions.
- Issue instructions of any kind (to anyone).
- Stop or impede any works.
- Demand the implementation of specific mitigation/corrective measures.

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ECO/Auditor: Communication & Reporting

- The ECO/Auditor shall maintain open communication with TCTA.
- TCTA shall be afforded the opportunity to respond in writing to any non-conformances or non-compliances observations to ensure that prompt management action is taken and issues resolved.
- The reports produced by the ECO/Auditor shall provide information on EA/EMPr/WUL implementation progress and the efficacy of mitigation.

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ECO/Auditor: Programme

The Consultant shall prepare a detailed programme/schedule of events to indicate:

- Task breakdown, proposed resources, time allocation, and submission of deliverables and scheduling for the duration of the Contract period.
- The successful Bidder will be appointed and must mobilise at least one month before commencement of construction.
- The construction period can be programmed for 36 months, starting on 01 May 2027.
- 8 months of no construction (between access road construction and the BRVAs actual construction).
- The defects notification/rehabilitation monitoring period can be programmed for 12 months following the end of construction. The above implies the bidder must add 1 month to the construction period to allow for the pre-construction reconnaissance (i.e. allow 37 months for services required during the construction period) and 12 months to the defects notification period to allow for the final audit (i.e. allow 12 months for services required during the defects notification period and an additional 6 months for rehabilitation and maintenance period).
- The overall contract duration will be 63 months.

Mobilise	Access road / early works	No-construction interval	Main construction	Defects / rehabilitation	Final close-out allowance
1 month	Included in construction services	±8 months; no monitoring/auditing or standing-time cost	Construction programme totals 36 months from 1 May 2027	12 months	6 months

ECO/Auditor: Deliverables

Task 1	**Pre-construction reconnaissance**	Qualitative site survey and baseline understanding
Task 2	**Monthly ECO monitoring**	Routine site inspections and compliance reporting
Task 3	**Environmental auditing**	Audits required by approvals and TCTA ESMS
Task 4	**Meeting participation**	Environmental and Chief Resident Engineer meetings
Task 5	**Rehabilitation and closure**	Maintenance-period monitoring and final close-out

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ECO/Auditor: Deliverables

SKILLS DEVELOPMENT AND TRAINING LOCAL IN THE LOCAL COMMUNITY OF THE BRVAS PROJECT)

- Bidders are required to propose a South African black candidate residing in the municipal boundaries stated in the table below to be developed to the satisfaction of his or her training needs/requirements for the duration of this contract.
- Skills development and training shall assist the candidate achieve professional registration amongst other development needs as may be agreed between the bidder and the candidate.
- The successful bidder shall systematically align candidate's practical work experience, education, and professional development with established statutory competency standards aligned with the professional registration requirements.
- The cost of this development will be borne by the Bidder.
- This shall be a condition to the award of the tender to a preferred bidder

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ECO/Auditor: Deliverables

Project	Area
BRVAS	**Swartland Local Municipality, Drakenstein Local Municipality, Western District Cape Municipality, City of Cape Town Metropolitan Municipality and the Western Cape Province**

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Functionality

Section 1	COMPANY TRACK RECORD	MAXIMUM
1.1	2 points per projects where the Company conducted ECO work on construction of water infrastructure and infrastructure projects including amongst others, weirs or Dams or Reservoirs or Quarry or pipelines or roads or pump stations or stadiums or buildings or complexes.	10
2.1 ENVIRONMENTAL CONTROL INSPECTION/MONITORING FUNCTION		
2.1.1	**Academic qualification and Professional Registration** The minimum requirement is a 3-year natural or environmental science degree or diploma. • For each additional natural or environmental science degree or diploma, 2 points will be allocated for additional qualifications ***Points for each criterion will only be awarded if the bidder submits copies of applicable qualifications, proof of courses successfully completed (Certificates).***	6

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FUNCTIONALITY (CONTINUING)

Section 2	Key Personnnel Experience	Maxium
2.1 ENVIRONMENTAL CONTROL INSPECTION/MONITORING FUNCTION		
2.1.2	**Environmental Control Officer experience** 3 points for each civil engineering construction project where Environmental Control Officer (of the WUL, EMPr and/or the Environmental Authorisation) work was undertaken.	15

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FUNCTIONALITY (CONTINUING)

Section 2	Key Personnel Experience	Maxium
2.2 KEY PERSON EXPERIENCE FOR ENVIRONMENTAL AUDITING FUNCTION		
2.2.1	**Academic qualifications** The minimum requirement is a 3-year natural or environmental science degree or diploma. • For each additional natural or environmental science degree or diploma, 2 points will be allocated up to a maximum of 6 points. • 2 points for each relevant SETA accredited auditing course attended (with a minimum duration of 2 days), up to a maximum of 4 points. ***Points will only be allocated where the candidate has submitted copies of each certificate/qualification.***	10

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FUNCTIONALITY (CONTINUING)

Section 2	Key Personnel Experience	Maxium
2.2 KEY PERSON EXPERIENCE FOR ENVIRONMENTAL AUDITING FUNCTION		
2.2.2	**Environmental auditing experience** 3 points for each project (any type) where Environmental Auditing work was undertaken by the candidate up to a maximum of 15 points	15
	THE MAXIMUM POSSIBLE NUMBER OF POINTS	56

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FUNCTIONALITY (CONTINUING)

The Total Score for Section 1 (Company Experience) = 10

The Total Score for Section 2 (Key Personnel Experience) = 46.

For the Functionality Component of the RFB a minimum score **of 34 points out of 56** needs to be achieved. **Only bidders who achieve the functionality score of 34 points** will move to the next stage, which is that their Financial Submissions will be opened for further evaluation. Bidders who do not meet the minimum functionality score will be disqualified and not evaluated further.

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SUBMISSION REQUIREMENTS

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Bid Requirements: Procurement Process

STAGES OF THE BID EVALUATION PROCESS

- ATTENDANCE OF COMPULSORY BRIEFING SESSION
- RETURNABLES – SUBMIT ALL DOCUMENTS REQUIRED AND COMPLY

  Mandatory – Disqualification, if not provided.

  Proof of Registration with National Treasury CSD: Requirement per s4.2 of National Treasury Instruction 4A of 2016/17.
- **FU**CTIONALITY- CRITERIA & THRESHOLD (34 out of 56)
- SPECIFIC GOALS – BLACK PEOPLE OWNERSHIP & SKILL DEVELOPMENT & TRAINING LOCAL TO SITE
- PRICE-PPPFA FORMULAE
- SUPPLIER VETTING – CONDITIONS FOR POSSIBLE DISQUALIFICATION

CONDITIONS OF BID – Zero tolerance for fronting, bribery, fraudulent and corrupt practices

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Bid Requirements: General

COMMUNICATION: All clarifications must be sent to tenders01@tcta.co.za

CLARIFICATIONS DEADLINE: Five (5) business days before the stipulated closing date and time.

CLOSING DATE AND TIME: 4 November 2026 @ 14:00

BID VALIDITY PERIOD: 84 days from the closing date and time

PREPARATION OF BID SUBMISSION: Refer to RFB and follow the instructions.

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Thank you

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Discussion, Questions and Answers .....

Godfrey Mnisi

e-mail: tenders01@tcta.co.za

Telephone: (012) 683 1200

Website: http://www.tcta.co.za

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