

Proposed Kriel – Matla Ash Transfer Link WULA

**PROGRESS PRE-APPLICATION MEETING FOR WATER USE LICENSE
APPLICATION – DRAFT MINUTES**

CLIENT	: Eskom Holdings SOC Ltd (Eskom)
CONSULTANT	: Zitholele Consulting (Pty) Ltd
PROJECT NO.	: 20116
DATE	: 11 August 2022
TIME	: 10h00 to 14h00
VENUE	: Kriel Kwanala Board Room
REFERENCE	: 20116-11-Min-001

PRESENT

Ms. Natasha Lalie (ZC)	NL	Ms. Livhuwani Tshilate (Eskom)	LT
Ms. Megan Hardwick (EPCM)	MH	Mr. Motshewa Matimolane (Eskom)	MM
Mr. Yun Wen Wu (EPCM)	YWW	Mr. Jack Setati Mayola (Eskom)	SM
Mr. Dale Jackson (EPCM)	DJ	Mr. Brighten Sebashe (ZC)	BS
Mr. Sydney Mphahlele (DWS)	SM	Mr. Justin Varden (Eskom)	JV
Mr. Sibusiso Nhlabathi (DWS)	SN	Ms. Palesa Sebilo (Eskom)	PS
Ms. Madi Moloto (DWS)	MM	Mrs. Neo Muthavhine (Eskom)	NM
Ms. Nompumulelo Mandlazi (DWS)	NM	Mr Sanele Msibi (Eskom)	SM
Mr. Johan van Maltitz (EPCM)	JvM	Ms. Jennifer Taje (Eskom)	JT
Mr. Edwin Seitei (Eskom)	ES		

APOLOGIES



None

ITEM	DISCUSSION POINTS	ACTION, DATE
1	AGENDA	
1.1	<p>The Agenda items were accepted by all as follows:</p> <ol style="list-style-type: none"> 1. Welcome and Introductions 2. Purpose of meeting 3. Roles and Responsibilities 4. Project Location and Description 5. Overview of water use activities 6. Specialist Studies 7. DWS Requirements 8. Discussion and way forward 	Note

ITEM	DISCUSSION POINTS	ACTION, DATE
2	WELCOME AND INTRODUCTIONS	
2.1	NL opened the meeting and welcomed all attendees. All present introduced themselves. Refer to the Attendance Register in Appendix 1.	Note
3	PURPOSE OF MEETING	
3.1	NL indicated that the purpose of the meeting is to provide background to the proposed Kriel to Matla Ash Transfer Link and associated infrastructure project and to understand DWS requirements for the Water Use Licensing Application (WULA). She indicated that the Kriel ash dams are reaching capacity and is unstable, therefore a slurry pipeline is proposed to transfer ash to the Matla Ash dams. Ash water will be returned to the existing Kriel Ash Water Return Dam via Ash Water Return (AWR) pipelines into the solution trench at Kriel.	Note
4	Roles and Responsibilities	
4.1	<p>NL indicated that the Applicant is Eskom Holdings SOC Ltd and Zitholele Consulting (ZC) has been appointed by Eskom to undertake the Water Use License Application for the project. She added that a Water Use License (WUL) exists for the Kriel to Matla Ash Transfer Link, which will expire on 22 August 2022. The water uses licensed were in terms of Section 21(c) and 21 (i) water use activities.</p> <p>NL indicated that there are other proposed infrastructure that will be licensed for the WULA (<i>including Section 21(g) water use activities</i>) in addition to Section 21(c) and (i) water use activities as the design of the proposed infrastructure has been revised since the Aug 2016 WUL.</p> <p>NL stated that EPCM Holdings were responsible for undertaking the Basic Design for the project.</p>	<p>Note</p> <p>NL, September 2022</p> <p>Note</p>
5	Project Location and Description	
5.1	DJ provided a spatial description of the proposed infrastructure using google earth	Note
6	Overview of water use activities	
6.1	NL indicated that Section 21(c), 21(i) and 21(g) water use activities will be triggered for the proposed infrastructure associated with the Kriel to Matla Ash Transfer Link.	NL, September 2022
7	Specialist Studies	
7.1	<p>NL indicated that the following Specialist Studies will be undertaken:</p> <ul style="list-style-type: none"> • Updating of the Wetland Delineation and Functional Assessment • Updating of the Aquatic Impact Assessment (<i>including a Biomonitoring Plan</i>) • Hydropedological Impact Assessment • Floodline Assessment • Stormwater Management Plan 	NL, September 2022

ITEM	DISCUSSION POINTS	ACTION, DATE
	<ul style="list-style-type: none"> • Water Balance Assessment • Geohydrological Impact Assessment (<i>include groundwater monitoring plan</i>) • Geotechnical Assessment 	
8	DWS Requirements	
8.1	<p>NL indicated that the following will be provided with the e-WULAAS application:</p> <ul style="list-style-type: none"> • Integrated Water and Waste Management Plan (IWWMP) as the proposed pipelines will carry ash in slurry form. • Master Layout Plan (<i>existing infrastructure, pipelines, internal roads, water pipelines, solution trenches, pump houses, ash dams, AWR dams etc, proposed slurry pipeline and AWR pipeline and associated infrastructure, wetlands and watercourses, 1: 100-year floodline and crossings of new infrastructure with the wetlands, watercourses and the floodlines, 500m regulated area of wetlands</i>). • Format for presenting co-ordinates of crossings of infrastructure with wetlands (<i>e.g. Road crossings (RC#), Slurry pipeline (SP#), AWR#, Stormwater (SW#)</i>). • Format for presenting Master Layout Plans (<i>contours, wetlands and the 500m regulated area, 1: 100-year floodlines, surface flow patterns, ground water flow patterns</i>). • Width, height, length of crossings (<i>Master Layout Plan</i>). • Basic Design Drawings and Basic Design Report. • Emergency and Contingency Plan. • Method Statements. • Relevant Application Forms to be completed. • Title Deeds for application property (<i>proposed activities within Eskom-owned land</i>). • Property zoning document. • Certified ID copy of applicant. • Company registration certificate. • Alternatives Assessment. • Environmental Management Programme. • Environmental Authorisation (EA). • Clearance letter from Department of Land Affairs. <p>DWS indicated that the above is acceptable.</p>	NL , September 2022
9	Discussion and Way Forward	
9.1	<p>NM indicated that public review of the Draft IWWMP can commence at this stage. She will unlock Phase 1 for the water uses next week. There will not be a Phase 2 as the site visit has been completed. Phase 3 will commence when the Final Report is submitted to DWS. She added that the licensing forms to be completed will be generated on the eWULAAS portal.</p>	NL , October 2022

ITEM	DISCUSSION POINTS	ACTION, DATE
	<p>AM indicated that the integrity of the Matla final cut is presently compromised due to overflows. He enquired what the plan is, for this final cut.</p> <p>SM replied that a Reverse Osmosis (RO) Plant is proposed at Matla to ease the water levels at the final cut. NL indicated that the details of the RO plant will be provided in the forthcoming IWWMP.</p> <p>The proposed location of the RO plant has been moved from the Matla final cut to the Matla Power Station.</p> <p>SN enquired if erosion control measures will be in place at the watercourses where clean stormwater will drain into from the proposed gravel access road. DJ replied that there would be such controls in place.</p> <p>SM indicated that the existing salutation trenches are built for the 1: 50-year flood event.</p> <p>SN stated that the existing ash dams are not lined. However, the raw water dams are lined.</p> <p>SN indicated that the ash dams have not been lined and are historical features that have been used for a long time.</p> <p>AM indicated that the proposed sumps must also be licensed in terms of Section 21c and 21i water use activities if it occurs within 500m of the wetlands.</p> <p>AM stated that the buffers from the wetlands must be scientifically determined.</p> <p>ES confirmed that the Water Use License (WUL) must be valid for the duration of the life of the Kriel Power Station i.e. up to 2035.</p> <p>AM stated that the WUL must be valid for a period up to the end of the rehabilitation activities of the pipelines/infrastructure with the various wetland/watercourse crossings.</p>	<p>NL, September 2022</p> <p>MM, September 2022</p> <p>DJ, September 2022</p> <p>Note</p> <p>Note</p> <p>Note</p> <p>NL, September 2022</p> <p>NL, September 2022</p> <p>MM, September 2022</p>
10	SITE VISIT	
10.1	Following the discussions, the attendees undertook the site visit to the Kriel and Matla ash dams.	Note
11	CLOSURE	
11.1	NL thanked all attendees for their participation and closed the meeting. With no further matters arising, the meeting ended at approximately 14h00.	Note

ACTION	FUNCTION	NAME	DATE	SIGNATURE
Prepared	Environmental Assessment Practitioner (EAP)	Ms. N. Lalie	29.08.2022	
Approved	Eskom Project Manager	Mr. M. Matimolane	05/09/2022	

PO Box 6002 Halfway House 1685, South Africa
Building 1, Maxwell Office Park, Magwa Crescent West
c/o Allandale Road & Maxwell Drive, Waterfall City, Midrand
Tel + (27) 11 207 2060
Fax + (27) 86 674 6121

ACTION	FUNCTION	NAME	DATE	SIGNATURE
Approved	DWS	Ms. Nompumelelo Mandlazi		

Appendix 1: Record of the meeting attendance

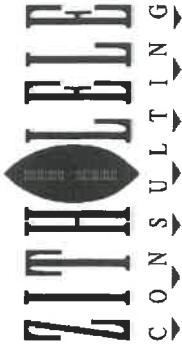


CONTRACT NO: 4600062571

CONTRACT NAME: Kriel to Matla Ash Transfer Link WULA

ZC PROJECT NO: 20116

ATTENDANCE REGISTER FOR PRE-APPLICATION MEETING AND SITE VISIT
WITH DEPARTMENT OF WATER AND SANITATION




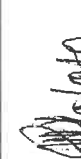



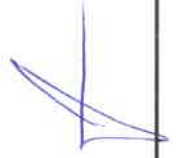
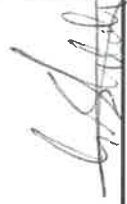

DATE : 11 August 2022 TIME : 10h00




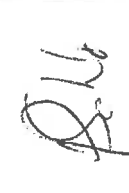

VENUE : Kriel and Matla Power Stations REFERENCE : 20116




DESCRIPTION : Kriel to Matla Ash Transfer Link and Associated Infrastructure

			CONTACT DETAILS		
TITLE	FIRST NAME	SURNAME	SIGNATURE	ORGANISATION	
MS	Natasha	Lalié		Zitholele	Tel No: 011 207 2060 Cell No: 082 828 6832 e-mail: natasha@zitholele.co.za
MS	Megan	Hardwick		EPCM	Tel No: 0727435873 Cell No: 11 e-mail: megan.h@epcmholdings.com.
Mr	Yun Wen	Wu		EPCM	Tel No: Cell No: 071 3988 353 e-mail: yunwen.w@epcmholdings.com

			CONTACT DETAILS		
TITLE	FIRST NAME	SURNAME	SIGNATURE	ORGANISATION	
Mr	Dale	Jackson		EPC M	Tel No:
					Cell No:
					e-mail:
Mr	Sydney	mphahlele		DWS	Tel No:
					Cell No:
					e-mail:
					Tel No:
Mr	Sibusiso	Nhlabathi		DWS	Cell No:
					e-mail:
Ms	Madi	Moloto		DWS	Tel No:
					Cell No:
					e-mail:

TITLE	FIRST NAME	SURNAME	SIGNATURE	ORGANISATION	CONTACT DETAILS		
					Tel No:	Cell No:	e-mail:
Ms	Nompumelelo	mandlari		TNU		066 345 4253	mandlari@dnw.gov.za
Mr	Johan	van Maltitz		EPCH		079 180 1811	johanm@epchholdings.com
Ms	Lidhuvani	Tshilale		Eskom Kopel Power station		017 615 2317 063017 8129	tshilal@eskom.co.za
Mr	Motshewa	Matimoleme		Gx Environment		(011) 800 4422 083 46 76 947	matshewa.motimoleme@gmail.com

		CONTACT DETAILS		
TITLE	FIRST NAME	SURNAME	SIGNATURE	ORGANISATION
MR	Stack SETHI	Moyake		Vredha P.S
MR	Brigleen Sibany Mareho	Sibany		Zitholele
MR	JUSTIN	VARDANI		Falcon
Ms	Palesa	Sebilo		Eskom
MRS	Neo	Muthambi		Eskom

Mr	Sauke	Nsibi		Eskom	Tel No: 017 615 2378 Cell No: 083 874 3349 e-mail: Ms. b. s. b. @ eskom.co.za
Ms	Jennifer	Taje		Eskom	Tel No: 013 297 9587 Cell No: 083 322 3262 e-mail: tajejm@eskom.co.za
Mr	Edwin	Seitei			Tel No: 011 800 3428 Cell No: 072 125 6881 e-mail: seiteige@eskom.co.za
					Tel No: Cell No: e-mail:
					Tel No: Cell No: e-mail:
					Tel No: Cell No: e-mail:

					e-mail:	
					Tel No:	
					Cell No:	
					e-mail:	
					Tel No:	
					Cell No:	
					e-mail:	
					Tel No:	
					Cell No:	
					e-mail:	

							Tel No:	
							Cell No:	
							e-mail:	
							Tel No:	
							Cell No:	
							e-mail:	
							Tel No:	
							Cell No:	
							e-mail:	
							Tel No:	
							Cell No:	
							e-mail:	