




APPENDIX E

MINUTES OF DEA PRE-APPLICATION CONSULTATION MEETINGS

	FINAL MINUTES OF MEETING DEA Pre-Application Consultation Meeting	Queries:	Donavan Henning ☎ 011 781 1730 ☎ 011 781 1731 ✉ donavanh@nemai.co.za
Client Details:	 	Project Name:	EIA for Mokolo Crocodile Water Augmentation Project Phase 2
Date:	19 August 2015	Time:	09:00 – 11:00
Chairperson:	D. Henning	Venue:	DEA, Environment House, 473 Steve Biko Rd, Pretoria

Present	Organisation	Telephone	Email
Sindiswa Dlomo (SD)	DEA	012 399 9390	sdlomo@environment.gov.za
Zingisa Phohlo (ZP)	DEA	012 399 9786	zphohlo@environment.gov.za
Olivia Letlalo (OL)	DEA	012 399 8815	OLetlalo@environment.gov.za
Fiona Grimett (FG)	DEA	012 399 9393	fgrimett@environment.gov.za
Nyiko Nkosi (NN)	DEA	012 399 9392	nnkosi@environment.gov.za
Bathandwa Ncube (BN)	DEA	012 399 9368	bncube@environment.gov.za
Samkelisiwe Dlamini (SD2)	DEA	012 399 9379	sdlamini@environment.gov.za
Ockie van den Berg (OvdB)	DWS	012 336 8613	VanDenBergO@dws.gov.za
Azwianewi Nelwamondo (AN)	TCTA	012 683 1200	ANelwamondo@tcta.co.za
Paul Le Roux (PIR)	MCC	012 643 0670	paulr@mcwap.co.za
Dawid van Coller (DvC)	MCC	012 643 0670	dawidvc@mcwap.co.za
Donavan Henning (DH)	Nemai Consulting	011 781 1730	donavanh@nemai.co.za

Apologies	Organisation	Telephone	Email
Milicent Solomons	DEA	012 399 9382	msolomons@environment.gov.za

Note: These minutes are not intended as a verbatim transcript of the meeting, but rather as a summary of the salient discussions which took place.

Item.	Description	Action	Target Date
1.	Welcome and Introduction		
1.1	<p>The meeting commenced at approximately 09H10. Attendees were requested to introduce themselves</p> <p>DH facilitated the meeting and explained that the aims of the meeting were as follows:</p> <ul style="list-style-type: none"> To introduce the project to the Department of Environmental Affairs (DEA); To seek clarification regarding certain matters that pertain to the Environmental Impact Assessment (EIA) process; To determine DEA's requirements; and To confirm the process and timeframes. 	-	-

Item.	Description	Action	Target Date
2.	Confirmation of Agenda		
2.1	The agenda was accepted without any amendments or additions.	-	-
3.	Project Overview		
	<i>Refer to presentation contained in Appendix B.</i>	-	-
3.1	OvdB presented the project background and motivation for the proposed Mokolo Crocodile (West) Water Augmentation Project (MCWAP), which consists of the following two phases: 1. Phase 1 - a pipeline parallel to the existing pipeline to augment the supply from Mokolo Dam; and 2. Phase 2 - the transfer of water from the Crocodile River (West) at Vlieëpoort near Thabazimbi to the Lephalale area.	-	-
3.2	OvdB noted that approval was granted under a previous EIA for MCWAP-1. SD asked if the entire scope for MCWAP-1 had been included in a single application. Ovdb explained that a Basic Assessment had been done for the de-bottlenecking of the existing pipeline that stretches from Mokolo Dam to Lephalale, which represents the first 10km of the proposed gravity pipeline for Phase 1. The remainder of MCWAP-1, including the pipeline section between Lephalale and Steenbokpan, was covered under a single Scoping and EIA process.	-	-
3.3	OvdB explained that the two water demand scenarios considered include 75 million m ³ /annum or 100 million m ³ /annum, with planning horizons of 2035 and 2050 respectively. The former scenario has been assumed for the project at this stage. OL asked whether discussions with the Presidential Infrastructure Coordinating Commission (PICC) will influence the scope of MCWAP-2. Ovdb stated that if the PICC decide to change the scope there will be significant delays to the implementation of MCWAP-2 due to project funding challenges.	-	-
3.4	OvdB noted that provision was made in the planning for the possibility of an initial pipeline to convey 75 million m ³ /annum and a second pipeline in the future (size of the latter to be determined based on prevailing circumstances at that stage). Although the EIA for MCWAP-2 will only seek approval for the first pipeline a servitude will be registered for both pipelines. PIR further presented the pipeline diameters associated with a 75 million m ³ /annum followed by a 25 million m ³ /annum phased scenario versus a single pipeline to supply 100 million m ³ /annum.	-	-
3.5	PIR presented the technical aspects of MCWAP-2, which included an overview of the components associated with the River Management System and the Pumped Transfer System.	-	-
3.6	Ovdb explained that a verification and validation of water use entitlements had been undertaken. This will also inform the River Management System.	-	-
4.	EIA Matters		
	<i>Refer to presentation contained in Appendix B.</i>	-	-
4.1	<u>Previous EIA for MCWAP-2</u>		
4.1.1	DH presented the scope of the previous EIAs undertaken for MCWAP, where the processes were conducted in terms of the EIA Regulations	-	-

Item.	Description	Action	Target Date
	of 2006. The file for MCWAP-2 was closed after the Scoping phase due to uncertainty in the water demands.		
4.2	<u>Implications of New EIA Regulations</u>		
4.2.1	DH presented a draft EIA programme based on the EIA Regulations of 2014. FG recommended that in order to ensure that the strict timeframes of the new EIA Regulations are abided by, the Application Forms should be submitted to DEA and the Department of Mineral Resources (DMR) once the draft Scoping Report is ready for review. Copies of the final Scoping Report will then be submitted to DEA and DMR once the draft had been subjected to the requisite 30-days authorities' and public review period. SD noted that an extension to the timeframes for the submission of the Scoping Report could be requested if substantive changes needed to be made to the document, in accordance with the provisions of the EIA Regulations.	-	-
4.2.2	DH indicated that in order to ensure that the timeframes for the submission of the EIA Report are adhered to, the specialist studies will be initiated during DEA's review of the final Scoping Report. SD noted that the specialist studies could already be conducted in the Scoping phase. DH noted that the triggers for the specialist studies first needed to be clearly understood based on the outcomes of the Scoping exercise. In addition, there may be additional costs involved if the specialist studies are undertaken too soon and if they need to return to site to investigate new alternatives that may arise out of the Scoping's findings.	-	-
4.2.3	OL stated that DEA's Biodiversity Unit needed to comment on the draft Scoping Report and thus also needed to receive a copy of the document.	-	-
4.2.4	OvdB enquired whether DEA's decision-making timeframes would be adjusted due to the project's SIP status. OL explained that the EIA Regulations still needed to be complied with; however, the project would be prioritised.	-	-
4.2.5	SD advised that proof of notification of authorities needed to be provided where no comments were received from these parties on the draft Scoping Report.	-	-
4.2.6	DH noted that in terms of the new EIA Regulations it is understood that DMR would be the lead authority for the mining related activities (related to the borrow pits), and that a separate Application Form would be submitted to this Department. He further stated that it was assumed that a combined public participation process would be followed and a single Scoping Report as well as an EIA Report would be compiled to cover both mining related and other activities that apply to the project. Nema Consulting to forward a letter to DMR in this regard. OL suggested that this matter could also be raised at the PICC meeting.	Nema & DEA	To be confirmed
4.3	<u>Project's SIP Status</u>		
4.3.1	DH affirmed that the project forms part of SIP 1: <i>Unlocking the northern mineral belt with Waterberg as the catalyst.</i>	-	-
4.3.2	DH noted that DWS is represented on the SIP1 Steering Committee.	-	-
4.3.3	DH noted that the SIP implications for EIA decision-making timeframes were discussed under a previous item (see 4.2.4).		
4.4	<u>Legal Framework</u>		

Item.	Description	Action	Target Date
4.4.1	DH presented the initial environmental legal framework for the project.		
4.4.2	DH indicated that confirmation was still required whether the proposed management of the silt abstracted at Vlieëpoort weir would require approval in terms of the National Environmental Management: Waste Act (Act No. 59 of 2008). Current investigations in this regard include the waste classification of the silt. A meeting may be convened in the future with DEA to discuss this matter further and to present the findings of the current investigations.	Nemai	<i>To be confirmed</i>
4.5	<u>Alternatives</u>		
4.5.1	DH indicated that the project's screened alternatives identified as part of the Pre-feasibility and Feasibility Studies will be discussed in the Scoping and EIA Reports, with a motivation for the selection of the preferred options. Locational and alignment alternatives for the project infrastructure will be assessed as part of the EIA.	-	-
4.6	<u>Specialist Studies</u>		
4.6.1	DH noted that the specialist studies conducted under the previous EIA will form the basis of the new studies, where relevant. The specialist studies identified for the current EIA include the following: <ul style="list-style-type: none"> • Terrestrial Ecological Impact Assessment; • Heritage Impact Assessment; • Agricultural Impact Assessment; • Socio-economic Assessment; • Social Impact Assessment; • Aquatic and Riverine Assessment; and • Wetland Assessment and Delineation. 	-	-
4.6.2	DH indicated that it is not anticipated to conduct a Climate Change Study, but rather to demonstrate in the EIA how climate change has been taken into consideration in the planning of the project and design of the infrastructure.	-	-
4.7	<u>Public Participation</u>		
4.7.1	DH explained that the Public Participation Process will consist of the following phases: <ol style="list-style-type: none"> 1. Announcement phase (including registration of I&APs); 2. Scoping phase; and 3. EIA Phase. 	-	-
4.7.2	DH noted that Public Participation for the River Management System will include engaging with the stakeholders and I&APs associated with the proposed operation of Hartbeespoort Dam, as well as the I&APs associated with the river conveyance section and downstream of the abstraction point.	-	-
4.7.3	OL asked if any lessons had been learnt in terms of the Public Participation that had been done as part of the previous EIA. DH indicated that it allowed for a more targeted process under the new EIA. A comprehensive Comments and Responses Report had also been compiled, which provided a very good understanding of the I&APs concerns. Technical investigations have been undertaken to address certain matters that had been raised under the previous EIA.	-	-
4.7.4	OvdB noted that the stakeholder databases for the following DWS parallel processes will be included in the MCWAP-2 EIA database: <ul style="list-style-type: none"> • Reconciliation Study; • Reserve Determination Study; 	-	-

Item.	Description	Action	Target Date
	<ul style="list-style-type: none"> Verification and Validation of Water Uses; and Rehabilitation Programme for Hartbeespoort Dam. 		
4.8	<u>Geotechnical Investigations</u>		
4.8.1	DH indicated that the approach adopted for MCWAP's geotechnical investigations to date included providing an environmental specification for the Contractor to adhere to, as well as undertaking environmental compliance monitoring. He enquired whether this approach could also be followed for the remaining geotechnical investigations under MCWAP-2, instead of seeking environmental authorisation for those activities that could possibly be triggered. SD recommended that a letter be submitted to DEA regarding the proposed approach to be adopted.	Nemai	<i>To be confirmed</i>
4.9	<u>Environmental Authorities Meeting</u>		
4.9.1	DH indicated that the details of the Environmental Authorities Meeting will still be provided. All authorities with jurisdiction over the proposed activities or receiving environment will be invited.	-	-
4.10	<u>DEA Site Visit</u>		
4.10.1	DH suggested that DEA must advise if a dedicated site visit is required by the Department.		
5.	DEA Requirements		
5.1	SD requested that the I&APs be categorised to assist DEA's review of the EIA documentation.	-	-
5.2	SD asked whether the end users storage dams will form part of MCWAP-2. DH explained that the end users of the water will need to make provision for storage facilities and for the distribution of the water. PIR noted that this will be included as a condition in the user agreements.	-	-
6.	General		
6.1	<i>No matters raised under this item.</i>	-	-
7.	Closure and Way Forward		
7.1	The minutes will be circulated by Nemai Consulting. The meeting was adjourned at approximately 11h00.	-	-

Annexures
Completed Attendance Register
Presentations

Approval of Minutes

Minutes Compiled for: DEA

Approved By:

(S. Dlomo)

Date




Minutes Compiled by: Nema Consulting


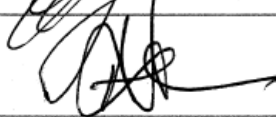
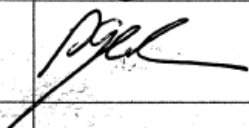


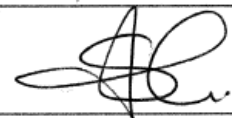
(D. Henning)






Date

APPENDIX A

COMPLETED ATTENDANCE REGISTER


	ATTENDANCE REGISTER – DEA Pre-Application Consultation Meeting	Queries:	Donavan Henning ☎ 011 781 1730 ✉ 011 781 1731 ✉ donavanh@nema.co.za
Client Details:	 	Project Name:	EIA for Mokolo Crocodile Water Augmentation Project Phase 2
Date:	19 August 2015	Time:	09:00 – 11:00
Chairperson:	S. Dlomo	Venue:	Environment House, 473 Steve Biko Rd, Pretoria

Representative Name and Surname	Name of Organisation	Designation	Contact Details	Sign
Ockie van den Berg	DWS	Acting Director: Options Analysis	☎ 012 336-8613 ☎ 082 809 2011 ✉ VanDenBergO@dws.gov.za	
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Donavan Henning	Nemai Consulting	EIA Project Leader	☎ 011 781 1730 ☎ 082 891 0604 ✉ donavanh@nema.co.za	
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Representative Name and Surname	Name of Organisation	Designation	Contact Details	Sign
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APPENDIX B

PRESENTATIONS

	DRAFT MINUTES OF MEETING DEA FOLLOW-UP MEETING	Queries:	Donavan Henning ☎ 011 781 1730 ☎ 011 781 1731 ✉ donavanh@nemai.co.za
Client Details:	 	Project Name:	EIA for Mokolo Crocodile Water Augmentation Project Phase 2
Date:	17 March 2016	Time:	10:00 – 12:00
Chairperson:	D. Henning	Venue:	DEA, Environment House, 473 Steve Biko Rd, Pretoria

Note: These minutes are not intended as a verbatim transcript of the meeting, but rather as a summary of the salient discussions which took place.

Attendance
Refer to the completed Attendance Register contained in Appendix A.

Item.	Description	Action	Target Date
1.	Welcome and Introduction		
1.1	<p>The meeting commenced at approximately 10H00. Attendees were requested to introduce themselves.</p> <p>D Henning facilitated the meeting and explained that the aims of the meeting were as follows:</p> <ul style="list-style-type: none"> • Follow up on matters raised during the DEA Pre-Application Consultation Meeting; • Provide an overview of the approach to the EIA; • Confirm the need for a Waste Management Licence; • Seek clarification regarding certain matters pertaining to the Environmental Impact Assessment (EIA) process; • Determine DEA's requirements; and • Confirm the process and timeframes. 	-	-
2.	Confirmation of Agenda		
2.1	The agenda was accepted without any amendments or additions.	-	-
3.	Project Overview		
	<i>Refer to presentation contained in Appendix B.</i>	-	-
3.1	<p>O van den Berg presented the project background and motivation for the proposed Mokolo Crocodile (West) Water Augmentation Project (MCWAP), which consists of the following two phases:</p> <ol style="list-style-type: none"> 1. Phase 1 - a pipeline parallel to the existing pipeline to augment the supply from Mokolo Dam; and 2. Phase 2 - the transfer of water from the Crocodile River (West) at Vlieëpoort near Thabazimbi to the Lephalale area. 	-	-
3.2	O van den Berg explained that initially the project was based on a 75 million m ³ /annum water demand scenario, which has now changed to 100 million m ³ /annum to allow for a longer planning horizon and which caters for more developments in the Lephalale area.	-	-

Item.	Description	Action	Target Date
4.	EIA Matters		
	<i>Refer to presentation contained in Appendix B.</i>	-	-
4.1	<u>Approach to EIA process</u>		
4.1.1	<p>D Henning indicated that the intended approach to the EIA for MCWAP-2 entailed a Combined Application for the following project components:</p> <ol style="list-style-type: none"> 1. Water Transfer Infrastructure; 2. River Management System; 3. Bulk Power Supply; and 4. Borrow Pits. <p>The motivation for this approach is based on the following:</p> <ul style="list-style-type: none"> • The reference numbers for the various components would be linked; • This approach allows for the commencement of EIA for those components that are on the critical path; • A great deal of information is available for the Water Transfer Infrastructure, especially since an EIA (up to the completion of the Scoping phase) was previously conducted for this component; • The planning of the River Management System is still underway and various elements of this system would not require environmental approval; and • The approach represents a logical separation of components. <p>O van den Berg emphasised the urgent need to commence with the EIA for the Water Transfer Infrastructure due to the strategic motivation for the project.</p>	-	-
4.1.2	D van Coller explained the need for the River Management System, as well as the associated components.	-	-
4.1.3	S Dlomo asked if the data communication network that forms part of the River Management System included cables. D van Coller explained that no cabling was required as it was based on digital cellular technology.	-	-
4.1.4	S Dlomo asked what the possible changing of dam outlets would entail. D van Coller explained the constraints associated with the current outlets of the dams in the system. O van den Berg noted that changes to the outlets may not be required immediately and the Operating Rules for the system could also be revised to optimally utilise the current infrastructure.	-	-
4.1.5	S Dlomo indicated that the Interested and Affected Parties (I&APs) needed to understand the full scope of the project. D Henning noted that the public participation material will explain all the project components. O van den Berg further indicated that the I&APs in the area are aware of the project through engagements as part of the Reconciliation Study that was recently conducted.	-	-
4.1.6	F Grimett asked who will operate the Bulk Power Supply. A Nelwamondo explained that it was confirmed with Eskom that approval for the Bulk Power Supply as well as the construction thereof will form part of this project, and that Eskom will be the operator. S Dlomo suggested that a separate application be made for the Bulk Power Supply to allow for the transfer of the Environmental Authorisation to Eskom.	-	-

Item.	Description	Action	Target Date
4.1.7	S Dlomo enquired about the integration of the information for the applications under the DEA and the Department of Mineral Resources (DMR). D Henning indicated that information is still outstanding for 7 borrow pits and it is anticipated that this information will only be available to be included in the EIA Report for the Water Transfer Infrastructure.	-	-
4.1.8	S Dlomo asked about the involvement of DMR. D Henning indicated that a pre-application consultation meeting will still be convened with DMR to which DEA will also be invited.	Nemai	<i>To be confirmed</i>
4.1.9	D Henning presented the draft EIA programme for the Water Transfer Infrastructure, which was based on conservative timeframes under the EIA Regulations of 2014. He noted that the timeframes associated with Strategic Integrated Projects was not included in the programme.	-	-
4.2	<u>Waste Management Licence</u>		
4.2.1	D Henning indicated that a portion of the sediment in the pumped water at the abstraction works would need to be removed, stored and returned back to Crocodile River. He further explained that an analysis had been undertaken of the sediment in the river and test results for heavy metals are well within allowable limits of national and international standards. He also noted that the abstracted suspended sediment is less than 4% of the total average annual sediment load in the river and that only up to 2% is planned to be returned.	-	-
4.2.2	D Henning noted that a formal enquiry in terms of the need for a Waste Management Licence to return the sediment back to the river will be submitted to DEA. S Dlomo indicated that the query should be forwarded to Z Phohlo.	Nemai	<i>To be confirmed</i>
5.	DEA Requirements		
5.1	S Dlomo asked about the validity period of the Environmental Authorisation. D Henning indicated that as part of the EIA the maximum period would be requested, namely 10 years. F Grimett suggested that this needed to be motivated in the EIA Report. S Dlomo also requested that the implementation programme for the project be included in the EIA Report.	-	-
6.	General		
6.1	D Henning indicated that it was intended to conduct the fieldwork for the seasonal specialist studies before the end of April 2016.	-	-
6.2	O van den Berg indicated that pressure to accelerate the EIA might be exerted by SIP 1.	-	-
7.	Closure and Way Forward		
7.1	The minutes will be circulated by Nemai Consulting. The meeting was adjourned at approximately 11h00.	-	-

Appendices

Appendix 1 - Completed Attendance Register

Appendix 2 - Presentation

Approval of Minutes

Minutes Compiled for: DEA

Approved By:

(S. Dlomo)

Date

Minutes Compiled by: Nema Consulting






(D. Henning)








11 April 2016




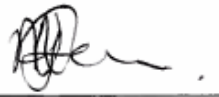


Date

APPENDIX A

COMPLETED ATTENDANCE REGISTER

	ATTENDANCE REGISTER – DEA FOLLOW-UP MEETING	Queries:	Donavan Henning ☎ 011 781 1730 ☎ 011 781 1731 ✉ donavanh@nemai.co.za
Client Details:	 	Project Name:	EIA for Mokolo Crocodile Water Augmentation Project Phase 2
Date:	17 March 2016	Time:	10:00 – 12:00
Chairperson:	S. Dlomo	Venue:	Environment House, 473 Steve Biko Rd, Pretoria

Representative Name and Surname	Name of Organisation	Designation	Contact Details	Sign
Ockie van den Berg	DWS	Acting Director: Options Analysis	☎ 012 336-8613 ☎ 082 809 2011 ✉ VanDenBergO@dws.gov.za	
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Dawid van Coller	MCC		☎ 012 643 0670 ☎ 083 467 8923 ✉ dawidvc@mcwap.co.za	
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Samkelisiwe Dlamini	DEA	Environmental officer	☎ 012 399 9379 ✉ sDlamini@environment.gov.za	
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APPENDIX B

PRESENTATION