Feasibility Study for Foxwood Dam PSC Meeting 01: MINUTES



Project title	Feasibility Study for Foxwood Dam (WP 10580)	Job number 225739-00				
Meeting name and number	Project Steering Committee meeting 01	File reference				
Location	East London Golf Club	Time and	Time and date			
		08:30	12 December 2012			
Purpose of meeting	Project Steering Committee meeting 01					
Attendance	James Hampton (PSP Project Director) James Bristow (PSP Project Manager) Bob Pullen (PSP Study Leader) Mr Mcebisi Jonas (Honourable MEC: Economic Dev. and Environmental Affairs) Mr Solly Mabuda (National DWA, Chief Director: IWRP) Mr Menard Mugumo (National DWA, Chief Engineer: Options Analysis (South)) Mr Peter van Niekerk (National DWA, IWRP) Mrs Isa Thompson (National DWA, Chief Engineer: IWRP) Mrs Portia Makhanya (DWA:EC, Chief Director) Ms Selemeng Morapeli (DWA:EC, Stakeholder Facilitator) Mr Theo Geldenhuys (DWA Regional Office: Regulation & Use) Mr Stephen Mullineux (DWA Regional Office: Engineer: Planning) Mr Cobus Ferreira (DWA Regional Office: Hydrology) Mr Samuel Maduna (DWA Regional Office: Hydrology) Mr Kowie Joubert (Provincial Department: Rural Development & Agrarian Reform Mr Briant Noncembu (Dep. Environmental Affairs, Amathole Region) Thembekile Mdiya (Amathole District Municipality) Noskhumbuzo Loliwe (Amathole District Municipality: Regional Manager WSP) Mr Craig Thompson (Amatola Water)					
	Mrs Leonora Bruintjies (Nxuba Local Municipality: Speaker) Councillor Lombard (Nxuba Local Municipality: Councillor) L Mtyundyutho (Nxuba Local Municipality: LUMO) Dlomo (Nxuba Local Municipality) Unathi Mnsokoyi (Nxuba Local Municipality)					

Prepared by James Bristow

Date of circulation

Minutes

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Feasibility Study for Foxwood Dam (WP 10580)

225739-00

12 December 2012

Apologies Ms Noxolo Kiviet (EC:OTP: Premier)

Mr Dewald Coetzee (National DWA)

Mr Galelo Mbambisa (DWA:EC, Director: Water Sector Support) Ms Bolekwa Kama (DWA:EC, Dep. Director: Inst. Establishment) Mr Andrew Lucas (DWA:EC, Director: Regulation and Use)

Mrs Mary-Jean Gabriel (National DAFF, Director: Water Use & Irrigation Dev.)

Mr Andrew Murray (ECSECC: CEO)

Mr Luvuyo Musana (ECSECC: Infrastructure Manager)

Baphele Mhlaba (ECSECC: Programme Manager: Dev. Planning & Infrastructure)

Mr Caga Siphiwo (Nxuba Local Municipality: Municipal Manager)

Gervais Sery (Amathole District Municipality) Mr Mpumi Shezi (Amathole District Municipality)

Ms Hlomela Ntsini (Dep. Env. Affairs – Amathole Region: Assistant Manager, Env.

Quality Management)

Circulation Mark Tindale (PSP Team)

Mrs Sanet van Jaarsveld (National DWA)

Ilse Viljoen (DWA:EC, DD:Inst. Establishment (Groundwater) Pumuza Lubelwana-Gaza (DWA:EC, Director: Inst. Establishment)

Mr Vusi Mahlangu (National Dep. Rural Dev. & Land Reform: Deputy Director

General (Land Reform & Administration)

Action

1. 08:30 – 09:00 REGISTRATION & LIGHT BREAKFAST

2. Welcome and constitution of the meeting

DWA Chief Director for Eastern Cape, Portia Makhanya, Chairperson, welcomed attendees to the inaugural Project Steering Committee meeting for Foxwood Dam Feasibility Study.

3. Introduction and Attendance

Attendees introduced themselves and apologies were noted.

It was agreed that Water User Associations and Farmer's Associations should be invited to participate in the Stakeholder Forum and not in the PSC.

4. Adoption of Agenda

The Agenda was adopted by the meeting with the review of membership of the Project Steering Committee being delayed to the item Any Other Business.

5. Background to the Project

 The Project Manager of the Foxwood Dam Feasibility Study, DWA Chief Engineer Options Analysis (South), Menard Mugumo, provided background information on the proposed Foxwood Dam project, including a summary of previous studies. He also outlined typical timeframes and

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procedures for decision-making and developing a major dam.

- It was emphasized that, assuming an accelerated project implementation programme, the Foxwood Scheme would take a minimum of 8 years to complete while such a project would typically take 15-20 years.
 - Ms Portia Makhanya, DWA Chief Director for Eastern Cape, expressed the fact that the Top Management of the DWA is fully aware of the urgency and expectations that stakeholders in the Eastern Cape hold out for the proposed Foxwood Dam.
- 3. Mr Mcebisi Jonas, Honourable MEC: Economic Development and Environmental Affairs, requested that high level project risks, eg that DWA priorities for the allocation of funds would change to the detriment of the project before actual implementation can commence, should be recorded in a register and reported on at PSC meetings.
- 4. MEC Jonas requested that the Feasibility Study provide information on alternative options for improving the reliability of water supplies to Adelaide in the short term and during the implementation period for Foxwood Dam.
 - It was noted that an assessment of alternative supply options forms part of the Preliminary Stage of the Feasibility Study and the outcomes of this assessment will be reported on at the next PSC meeting.
- 5. MEC Jonas requested that consideration be given to the existing capacity of the Local and District Municipalities to operate and maintain the existing water supply infrastructure and for information to be provided on the additional capacity that would be necessary to also operate and maintain the Foxwood Dam.
 - It was noted that the realistic benefits to be gained from Water Conservation and Demand Management (WC&DM) form part of the assessment of alternative supply options.
- 6. Ms Makhanya requested that the PSP from time to time communicate information on the status of the project in the form of a newsletter.

6. Structure of the Study

PSP Study Leader, Bob Pullen, provided an overview of the structure of the Feasibility Study and outlined the work programme.

7. Governance Structure

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An overview of the Governance Structure was presented by Mr Mugumo and the matter was considered further in the item Any Other Business.

8. Progress Report

Mr James Hampton, Project Director, provided an overview of the progress made to date with completion of the Inception Stage and commencement of the Preliminary Stage.

Mr Hampton stressed the fact that a successful Feasibility Study of the dam is dependent on clarity on the land reform policy in the Eastern Cape as one of the factors influencing a realistic estimate of the likely demand for irrigation water in future. It was agreed that close consultation with the National Department of Rural Development and Land Reform and Provincial Department of Rural Development and Agrarian Reform is imperative.

The Chairman of Consultative Committee on Agricultural Water (CCAW) Mr, Kowie Joubert, noted that clarification should be sought on the Terms of Reference for the Feasibility Study regarding the development and commissioning of small holder plots, garden plots and subsistence farming. These practices are not compatible with large scale irrigation unless subsidised and the proposed irrigation economic model to be used for the Feasibility Study must be discussed by the PSC and recommendations prepared for implementation by the DWA.

Post meeting note: The presentation slides used are attached with these minutes.

9. Any Other Business

The governance structure for Project Steering Committee was discussed and the approved structure is provided in the attached Governance Structure document.

10. Date of Next Meeting

It was agreed that a schedule of proposed PSC meetings should be circulated to PSC members.

This schedule is included in the Governance Structure document.

11. Closure

The meeting was closed and the chairperson thanked everyone for their attendance Arup

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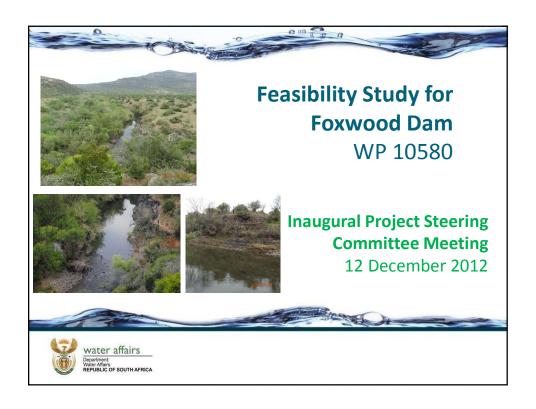
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Amathole District Municipality	Mr Mpumi Shezi	Director : Engineering Services	
Amathole District Municipality	Lofiwe Nosikhumbuzo	Regional Manager WSP 0720229912	Hiller
Amatola Water	Mr Craig Thompson	Director: Planning and Development	APOLOGIES
Department of Agrarian Development and Land Reform-EC	Mr Kowie Joubert	083 2860363 Chief Engineer	Mondo
Department of Environmental Affairs - Amathole Region	Ms Hlomela Ntsini	Assistant Manager: Environmental Quality Management	
Department of Environmental Affairs - Amathole Region	Mr Brian Noncembu	982 959 3993 Regional Manager: Environmental Affairs	BOIL

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Company		Name	Job Title / CECE No	Signature
Department of Water Affairs (National)	V	Mr Solly Mabuda	Chief Director: IWRP	APOLOGIES
Department of Water Affairs (National)	L	Mr Menard Mugumo	Chief Engineer: Options Analysis (South)	
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Department of Water Affairs-EC		Ms Bolekwa Kama	Director: Just - Establishment	
Department of Water Affairs-EC	V	Mr Andrew Lucas	Director: Regulation 4 Use	APOLOGIES
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Eastern Cape Province - Office of the Premier	Ms Noxolo Kiviet	Premier	APOLOGIES
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Dept. of Economic Development, Environmental Affaris and Tourism	MEC Jonas	MEC	
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Eastern Cape Province - Office of the Premier	Nelani		
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Nxuba Local Municipality	Mrs Leonora Bruintjies	Executive Mayor	90
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Office of the Premier: Eastern Cape Socio Economic			
Consultative Council	Mr Andrew Murray	CEO	APOLOGIES
Office of the Premier: Eastern Cape Socio Economic	Martining Marrie	I-6	
Consultative Council	ivir Luvuyo iviusana	Infrastructure Manager	

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Background

- Adelaide has suffered from domestic water shortages from time to time for a very long time
- Shortfalls are usually experienced during dry summer months due to limited storage and uncontrolled pumping by agricultural users (790 ha irrigation)
- Adelaide's current main water source is an off-channel storage dam fed by a run-of-river diversion from the Koonap River with a yield of 1,1 million m³/a
- A pipeline was later built from Bedford to Adelaide linking the town to the Orange - Fish River scheme, supplying 0.3 million m³/a
- Current domestic water requirements for Adelaide is estimated at 0.8 million





Background cont.

- The National DoA undertook a major study in 1988 to identify irrigation development possibilities along the Koonap River
- A number of possible schemes were identified based on the development of various combinations of dams. A dam at the Foxwood site was identified as a possibility for irrigation purposes
- Farmers were not interested due to high costs and the proposed project was shelved
- During the drought in the early 1990s the Adelaide Municipality again suffered domestic water supply problems. DWA investigated a dual purpose Foxwood scheme to supply both the municipality and irrigation
- The proposed joint scheme was again shelved when farmers were still not interested due to high costs.DWA advised the municipality to investigate its own scheme for domestic supply only





- During 1998 the DWA investigated options for augmenting domestic water supplies only and found that:
 - A small dam at Foxwood site (4million m³) and the existing municipal dam will provide water to meet Adelaide's water requirements until 2020
 - A slightly larger dam at Foxwood site (5.5million m³) and the existing municipal dam will provide water to meet Adelaide's domestic water requirements until 2020 as well as irrigation water for smallholder plots (150 ha)
- In the mean time, through DWA's El Nino Mitigation Programme, an amount of R1.2million was made available to upgrade the existing off-channel storage scheme for water supply to Adelaide, which increased the assurance of supply of the existing system from this source to a level of 88% (still falling short of the acceptable norm of 98%)



