



REPORT TO SUBCOUNCIL

SUBCOUNCIL 4 & 6

1. ITEM NUMBER: 04SUB 21/02/2024

2. SUBJECT

**PROGRESS REPORT ON ELSIESKRAAL RIVER STORMWATER
MANAGEMENT PLAN IMPLEMENTATION, February 2024**

ONDERWERP

**VORDERINGSVERSLAG OOR DIE IMPLEMENTERING VAN DIE
ELSIESKRAALRIVIER-STORMWATERBESTUURSPLAN, Februarie 2024**

ISIHLOKO

**INGXELO ENGENKQUBELA NGOKUMALUNGA NOKUMISELWA
KWESICWANGCISO SOLAWULO LAMANZI ESITSHI KUMLAMBI WASE-
ELSIESKRAAL, EyoMdumba 2024**

3. PURPOSE

The purpose of the Report is to inform Subcouncil 4 & 6 of the outcome of the Elsieksraal Stormwater Management Plan and to provide feedback on process going forward to facilitate implementation of recommendations from same Report.

4. FOR DECISION BY

Delegation: Part 25: Subcouncils

General – 25(1)(1)

To assess the performance of service delivery generally within their area of jurisdiction (outcome monitoring)

5. EXECUTIVE SUMMARY

In April 2021 the Department: Catchment Stormwater and River Management, did a presentation to Subcouncil 4 on the Ravensmead Flooding Assessment, which formed part of the scope of assessment given to Consultants, Gibb (Pty) Ltd during the broader catchment study for the Elsieksraal River Stormwater Management Plan. (Elsieskraal SWMP)

Various recommendations were tabled in the final report received May 2020 to mitigate flood conditions.

6. RECOMMENDATIONS

It is recommended that:

- a) The report on the progress for the implementation of the recommendations of the Elsieskraal River Stormwater Management Plan, and in particular, the Ravensmead Flooding Assessment, to Subcouncil 4 & 6 **BE NOTED**.

Daar word aanbeveel dat:

- a) Daar **KENNIS GENEEM WORD** van die verslag oor die vordering met die implementering van die aanbevelings van die Elsieskraalrivier-stormwaterbestuursplan en in besonder, die Ravensmead-vloedassessering, aan subraad 4 en 6.

Kundululwe ukuba:

- a) **MAKUQWALASELWE** ingxelo engenqubela ngokumalunga nokumiselwa kwezindululo ezijoliswe kwiSicwangciso soLawulo lamanzi esitshi kuMlambo iElsieskraal kwaye ngakumbi uVavanyo loKhukhuliseko lase Ravensmead, ngokujoliswe kumaBhungana4 no6.

7. DISCUSSION/CONTENTS

Details below is an update on the last submitted report, dated October 2023.

Current Status

- Matters of importance carried forward from previous meetings and included in submitted Subcouncil Reports:
 - Option 9 of the recommendations was the preferred choice.
 - **Funding for FY23/24:**
 - CPX.00131135-F2 = R2.083m
 - CPX.00131135-F3 = R1.96m
- The following term tenders are available for use:
 - Tender for PSP for surveying was identified: **272S/2020/2021**
 - Tender for PSP for detailed design was identified: **86C/2020/21**
 - Tender for Contractor for construction was identified: **215Q/2020/21**
- The proposed catchment upgrades are mainly split into three parts:

Ravensmead Flood Mitigation

- The Ravensmead Upgrade contains the proposed 3500m 1200mmx1200mm culvert.
- Knight Piesold was appointed via term tender 86C/2020/21 for the design & tender documentation and work has commenced on 1 November 2022.

- This includes four works packages / stages: Inception, Prelim Design, Detailed Design and Draft Tender Document Preparation.
- Estimated completion is set at 30 June 2024.
- Cost for works above will amount to R3,800,000, excluding VAT. R1.26m for the 22/23 FY and remainder for 23/24 FY.
- **Latest progress meeting with Knight Piesold was held on 17 January 2024.**
- All funds for this project was committed.
- **Concept design (Stage 2) deliverables received in January 2024. Comments were given and the amended Concept design report was received on 08 February 2024.**
- **Concept Design Stage gate review scheduled for 27 March 2024.**
- **Current Consultant's Tender 86C/2020/21 expires 30 June 2024.**
- **For the remainder of the Ravensmead culvert project, we will be going out to tender (as there is no suitable tender in place) for a PSP to implement stages 4 to 6 (4. Documentation and Procurement, 5. Contract Administration and Inspection, and 6. Close-Out). This process seems overlapping with appointment of current PSP, but we are not guaranteed that the same PSP will be appointed for the new tender.**
- **New PSP costs are estimated to be R10m, which is already included on future budget.**
- **USDG funding will now be applied for for future years. (This will include PSP Site Supervision & Construction costs)**
- **PSP estimated to start in September 2025 (18 months after the procurement process starts due to a Section 33 requirement).**
- The full proposed Ravensmead Flood Mitigation upgrades is estimated at a cost in excess of R120m and construction planned to start FY26/27. **Goodwood Flood Mitigation**
- The recommendations consist of 5 small ad-hoc upgrades:
 - (3.1) N1 City Mall Upgrade
 - (3.2) Frans Conradie / Jakes Gerwel Upgrade
 - (3.3) Wingfield Motors Upgrade - DONE
 - (3.4) Voortrekker Road Upgrade
 - (3.5) JG Meiring High School Upgrade
- All surveys received except for 3.4 and 3.5. These surveys will be done if required.
- RIM to perform in-house design for all required projects under this section, however they are low priority.
- **Construction of Bloem Pond (Project 3.3 – Wingfield Motors Upgrade) was completed in June 2023.**
- Term Tender 215Q/2020/21 is available to implement the smaller upgrades where required.
- The cost implication of the smaller upgrades is not too high and could be implemented in a phased manner over the next few financial years, however **all projects in Goodwood (Projects 3.1, 3.2, 3.4 and 3.5) were parked** due to low priority in the SWMP and a disconnect between the SWMP and actual flooding data.
- **R315 000 was committed to survey a spinoff project – De Wet Street SW Upgrades. Design will be done in-house. This project**

was identified from various past flood incident reports over the last few financial years.

- The De Wet street survey is almost complete, however the PSP must still perform a few open excavations for to verify some elements. Wayleaves was approved and they will commence the open excavation on 12/02/2024. (Consultation with relevant Ward Councillor will be initiated)

Ad-Hoc Parow/Elsies River and Bellville Flood Mitigation

- The recommendations consist of 7 ad-hoc upgrades:
 - (4.1) Louis Trichardt Street Upgrade - Parow
 - (4.2) Carstens Street Upgrade - Parow
 - (4.3) President High School Upgrade - Parow
 - (4.4) Van der Stel Upgrade – Parow
 - (4.5) Parow Golf Course Upgrade – Parow (to be completed as bulk upgrade)
 - (5.1) 8th Ave, Elsie's Upgrades (Elsies River)
 - (6.1) Bellville Upgrades (Kemperville/Oakdale)
 - Tender 272S - Framework tender for the ad-hoc detection and location of underground services in the City of Cape Town was used for the surveys.
 - All surveys received.
 - RIM to perform in-house design for some of the sites where required, potentially saving high costs that would otherwise go to PSP.
 - **All projects (except 4.2) in Parow were parked** due to low priority from the SWMP and a disconnect between the SWMP and actual flooding data.
 - **4.2 Requires further engagement with CSR to determine the extent of the work required and how to implement it.**
- Next PMT meeting set for **mid-February 2024**.

7.1. Legal Implications

None

7.2. Staff Implications

Does your report impact on staff resources or result in any additional staffing resources being required?

No

Yes

7.5. POPIA Compliance

- It is confirmed that this report has been checked and considered for POPIA Compliance.

7.6 Other Services Consulted

Directorate: Water & Sanitation
Catchment, Stormwater & River Management Planning, Region 4
Ms. Lize Challis (076 328 2355)

Annexure A: Project Status

FOR FURTHER DETAILS, CONTACT:

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E-MAIL ADDRESS	<i>Jeanine.dupreez@capetown.gov.za</i>
DIRECTORATE	<i>Urban Mobility: Road Infrastructure Management.</i>
FILE REF NO	

DIRECTOR
Hilton Scholtz

NAME

DATE

Comment:

EXECUTIVE DIRECTOR
Dalene Campbell

NAME

DATE

Comment:

Annexure A: Project Status

	Proposed Flood Mitigation Project	Location	Prop. Pipe Length	Project Status				Tender Used	Cost FY23	Cost FY24	Comments
				Survey	Concept Design	Detail Design	Construction				
	RAVENSMEAD										
1	Ravensmead Upgrades	Ravensmead	3500					86C/2020/21	R 1 919 508.49	R 2 528 284.72	FY24 Funds committed. In Concept Design Phase.
2	Parow Industria Ponds and Industria Ring Road	Ravensmead	360					86C/2020/21	Incl. in Proj 1	Incl. in Proj 1	Parked. Concept design and stormwater modelling exercise proved this was not needed.
	GOODWOOD										
3.1	N1 City Upgrades	Goodwood	380					In-house (geomatics dept)	N/A		Parked.
3.2	Frans Conradie/ Jakes Gerwel Upgrades	Goodwood	405					N/A	N/A		Will be done as part of upgrades to Jakes Gerwel - Sable road link)
3.3	Wingfield Motors Upgrades	Goodwood	150					215Q/2020/21	R 2 383 314.83		Complete
3.4	Voortrekker Road Upgrades	Goodwood	1100					In-house (geomatics dept)	N/A		Parked

Making progress possible. Together.

3.5	JG Meiring Upgrades	Goodwood	550					In-house (geomatics dept)	N/A		Parked
	AD-HOC UPGRADES - PAROW										
4.1	Louis Trichardt Upgrades	Parow	600					272S/2020/21	R 827 670.00		Surveys received. Design and Construction Parked
4.2	Carstens Street Upgrades	Parow	800					272S/2020/21	Incl. with 4.1		Surveys received. Design and Construction Parked.
4.3	President HS Upgrades	Parow	700					272S/2020/21	Incl. with 4.1		Surveys received. Awaiting further information from CSRM.
4.4	Van Der Stel Upgrades	Parow	1480					272S/2020/21	Incl. with 4.1		Surveys received. Design and Construction Parked
4.5	Parow Golf Course	Parow	1600					N/A			Will be done as bulk upgrade for proposed new development
	AD-HOC UPGRADES – Elsies River										
5.1	8 th Avenue Upgrades	Elsies River	750						Incl. with 4.1		Surveys received. Design and Construction Parked
	AD-HOC UPGRADES – BELLVILLE										
6.1	Bellville upgrades (Kempenville-Oakdale)	Bellville	1100						R 805 222.00		Surveys received. Design and Construction Parked
	Total		13475						R 5 935 715.32	R 3 293 467.64	