

**THE PROPOSED REPAIR AND UPGRADE OF THE
EXISTING DEGRADED STORMWATER INFRASTRUCTURE
ALONG MAIN ROAD MR 269 AT KM 4.95 AND KM 5.67 AND
ALONG DIVISIONAL ROAD DR1257 AT KM 1.47, HEMEL &
AARDE VALLEY, BETWEEN SANDBAAI AND CALEDON.**

DEADP REF NO: 16/3/3/1/E4/5/1007/16

REHABILITATION COMPLETION REPORT

Prepared for:

Western Cape Government; Department of Transport and Public Works

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ABBREVIATIONS

DEFF	Department of Environment, Forestry and Fisheries
DEA&DP	Department of Environmental Affairs and Development Planning
DWS	Department of Water Affairs and Sanitation
EA.....	Environmental Authorization
EAP	Environmental Assessment Practitioner
ECO	Environmental Control Officer
EIA.....	Environmental Impact Assessment
EMP	Environmental Management Programme
DEO.....	Designated Environmental Officer
GNEC	Guillaume Nel Environmental Consulting
I&AP	Interested and Affected Parties
RE.....	Resident Engineer

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REHABILITATION COMPETION

Culvert at Km 1.47 along DR1257

Rehabilitation of the wetland area and storm water drainage line.

Plants used during rehabilitation:

- *Cyprus textilis*
- *Wachendorfia thyrsifolia*
- *Aristea capitata*







Rehabilitation of the dry embankments.

Plants used during rehabilitation:

- Chasmanthe floribunda
- Aristea capitata
- Pelargonium cucullatum
- Carpobrotus edulis
- Watsonia sp.
- Osteospermum moniliferum



Seeding of the disturbacone footprint with endemic species.

Seeds sown for rehabilitation:

- Berzellia lanuginosa
- Stoebe plumosa
- Metalsia muricata
- Athanasia trifurcata
- Watsonia sp.
- Protea repens



CONCLUSION

Rehabilitation has been completed successfully, and plants are establishing well.

Kind Regards,

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for GNEC



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