

Legend

- Proposed electrical infrastructure
- Proposed inlet infrastructure
- Proposed outlet infrastructure
- Proposed Reservoir boundaries
- Proposed Reservoir Tanks



Prepared by:
Sharples Environmental Services CC

DEVELOPMENT OF A HARDENED WATER RESERVOIR AND ASSOCIATED PIPING AT KOEBERG NUCLEAR POWER STATION, WITHIN THE CITY OF CAPE TOWN.

Locality Map

0,2 0,1 0 0,2 Km



Coordinate System: GCS WGS 1984

Datum: WGS 1984

Units: Degree

Date: December 2023



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PROJECT COORDINATES

Orientation	Latitude	Longitude
Corner points of the proposed reservoir site		
a	33° 40' 20.08"S	18° 25' 56.11"E
b	33° 40' 18.68"S	18° 25' 55.39"E
c	33° 40' 21.05"S	18° 25' 53.30"E
d	33° 40' 19.67"S	18° 25' 52.61"E
Inlet 100 m intervals		
Starting point (0 m – Existing connection point)	33° 40' 30.55"S	18° 26' 4.57"E
100 m	33° 40' 28.20"S	18° 26' 5.11"E
200 m	33° 40' 25.23"S	18° 26' 3.60"E
300 m	33° 40' 22.23"S	18° 26' 2.11"E
400 m	33° 40' 19.23"S	18° 26' 0.61"E
500 m	33° 40' 17.75"S	18° 25' 58.04"E
600 m	33° 40' 19.37"S	18° 25' 55.56"E
End Point (678 m - Reservoir)	33° 40' 20.13"S	18° 25' 54.30"E
Electrical infrastructure 100 m intervals		
Starting point (0 m – Plant)	33° 40' 26.62"S	18° 25' 50.28"E
100 m	33° 40' 24.71"S	18° 25' 49.95"E
200 m	33° 40' 22.59"S	18° 25' 52.02"E
300 m	33° 40' 21.59"S	18° 25' 55.12"E
End point (356 m - Reservoir)	33° 40' 20.13"S	18° 25' 54.30"E
Outlet 100 m intervals		
Starting point (0 m – Reservoir)	33° 40' 20.13"S	18° 25' 54.30"E
100 m	33° 40' 20.10"S	18° 25' 51.33"E
157 m (Start of portion with similar alignment as to approved)	33° 40' 20.80"S	18° 25' 49.31"E
200 m	33° 40' 21.24"S	18° 25' 47.99"E
300 m	33° 40' 23.55"S	18° 25' 45.71"E
400 m	33° 40' 26.37"S	18° 25' 47.00"E
500 m	33° 40' 29.19"S	18° 25' 48.38"E
600 m	33° 40' 32.19"S	18° 25' 49.84"E
612 m (End of portion with similar alignment as to approved)	33° 40' 32.55"S	18° 25' 50.02"E
700 m	33° 40' 34.36"S	18° 25' 49.40"E
End point (747 m – Plant)	33° 40' 35.02"S	18° 25' 50.74"E



Legend

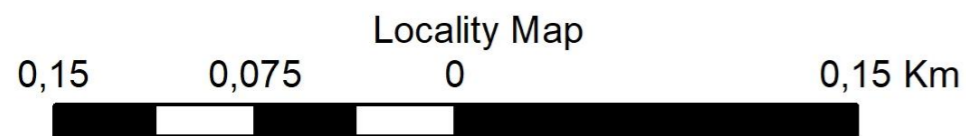
Locality points

- Reservoir Corner points
- Inlet pipe
- Electrical connection
- Outlet pipe (portion with similar alignment to approved infrastructure)
- Outlet pipe (part of proposed development)
- Proposed electrical infrastructure
- Proposed inlet infrastructure
- Proposed outlet infrastructure
- Investigation Area
- Proposed Reservoir boundaries
- Proposed Reservoir Tanks



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