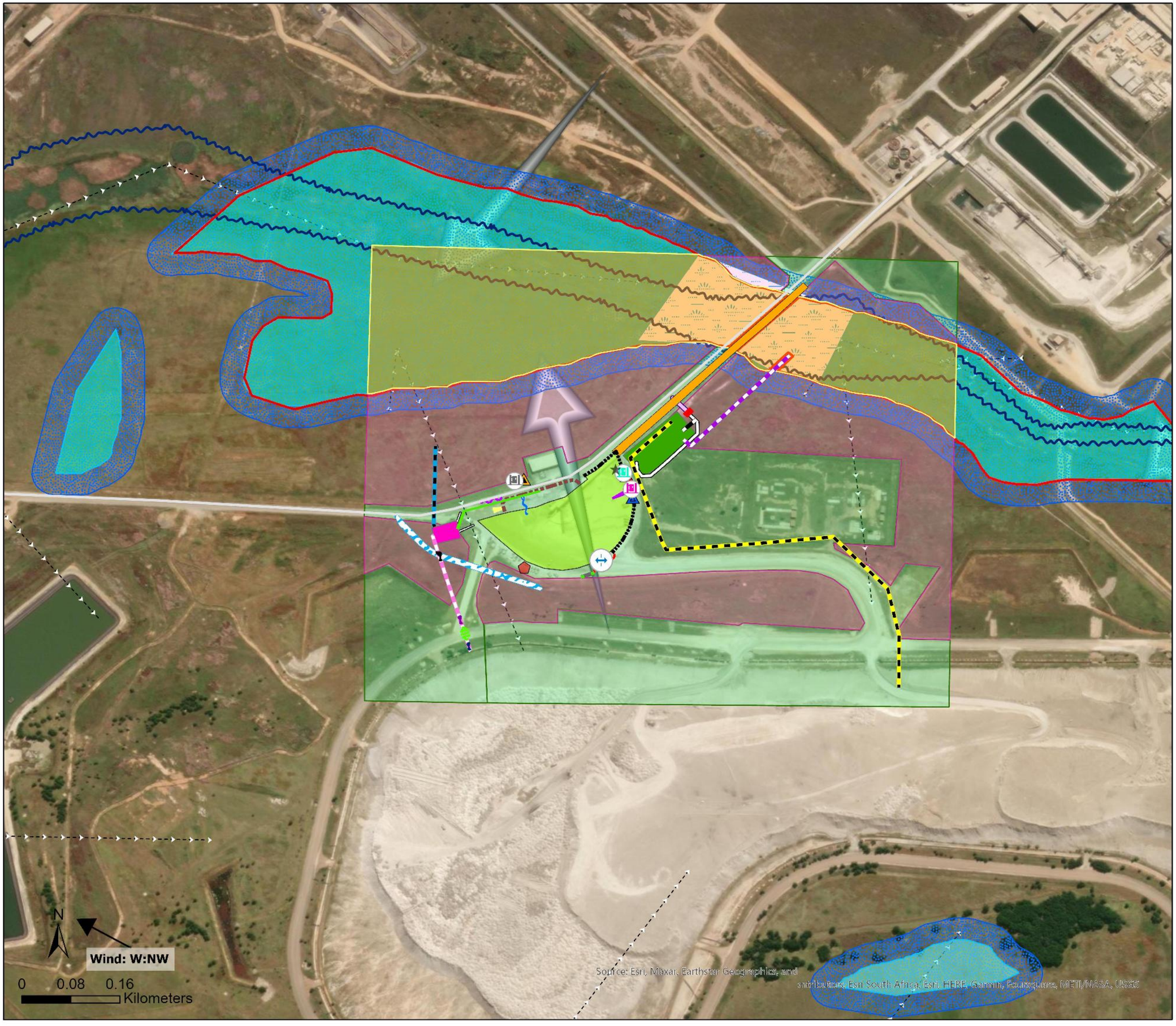
Kusile Storm Water Drainage And Associated Infrastructure

Master Layout Plan



Legend

Existing

- Existing concrete stacker slab
- Existing kerb to be removed
- Existing Powerstation Road

Proposed radial stacker Infrastructure

- New north drain
- South access ramp
- New pipe bridge 3
- New pipe bridge 2
- New pipe bridge 1
- New culvet under road
- 600mm dia pipe under raised road
- Covered Trench North
- Covered Trench South
- Gate 1
- Gate 2
- Gate 3
- New 775mm kerb wall
- New 900mm wide access walkway to Gate G1
- New north access ramp
- New_900mm_wide to Gate G3
- Weir 1
- Weir 2
- Weir 3
- 775mm High Wall

Proposed Infrastructure

- New stormwater V drains
- 200mm dia drain outlet pipe
- Inlet pipe from sump
- 300mm dia overland pipeline
- New drain outlet pipe
- New 200NB pipeline to existing ash dump
- SUMP
- New gravel access road
- Channel
- New stormwater drain
- New East settline tank
- New west settling tank
- Existing radial stacker slab
- New gravel access road
- New gravel access road

Ecological Sensitivities

- Very Low
- Low
- Medium

Environmental Sensitivities

- No Go Area
- 1 100 Year Floodline
- Wetland rehabilitation focus area
- HGM 1- Channelled Valley Bottom
- 35 m Buffer
- Surface Water flow
- Ground Water Flow

Eskom

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Rev.1