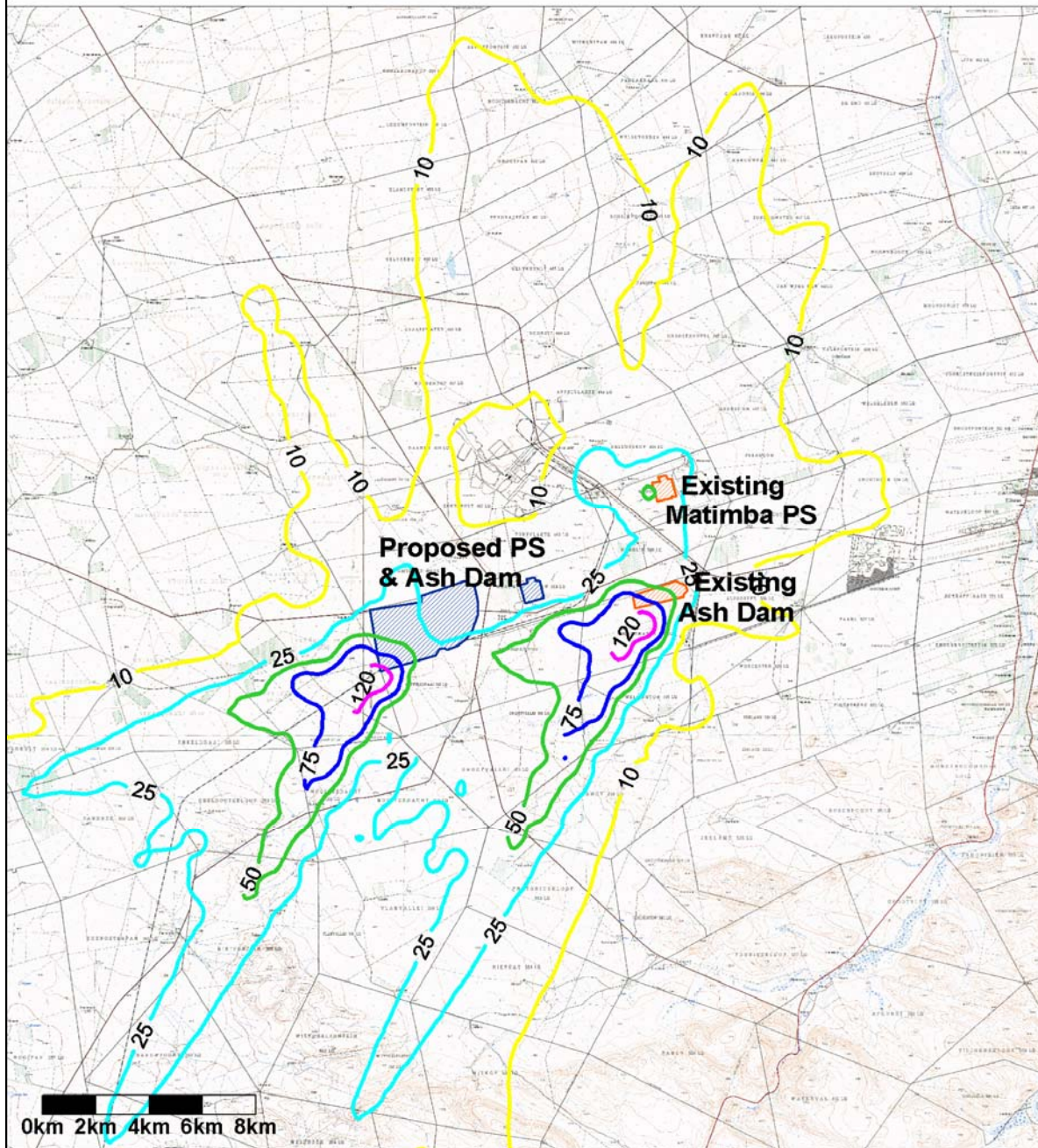


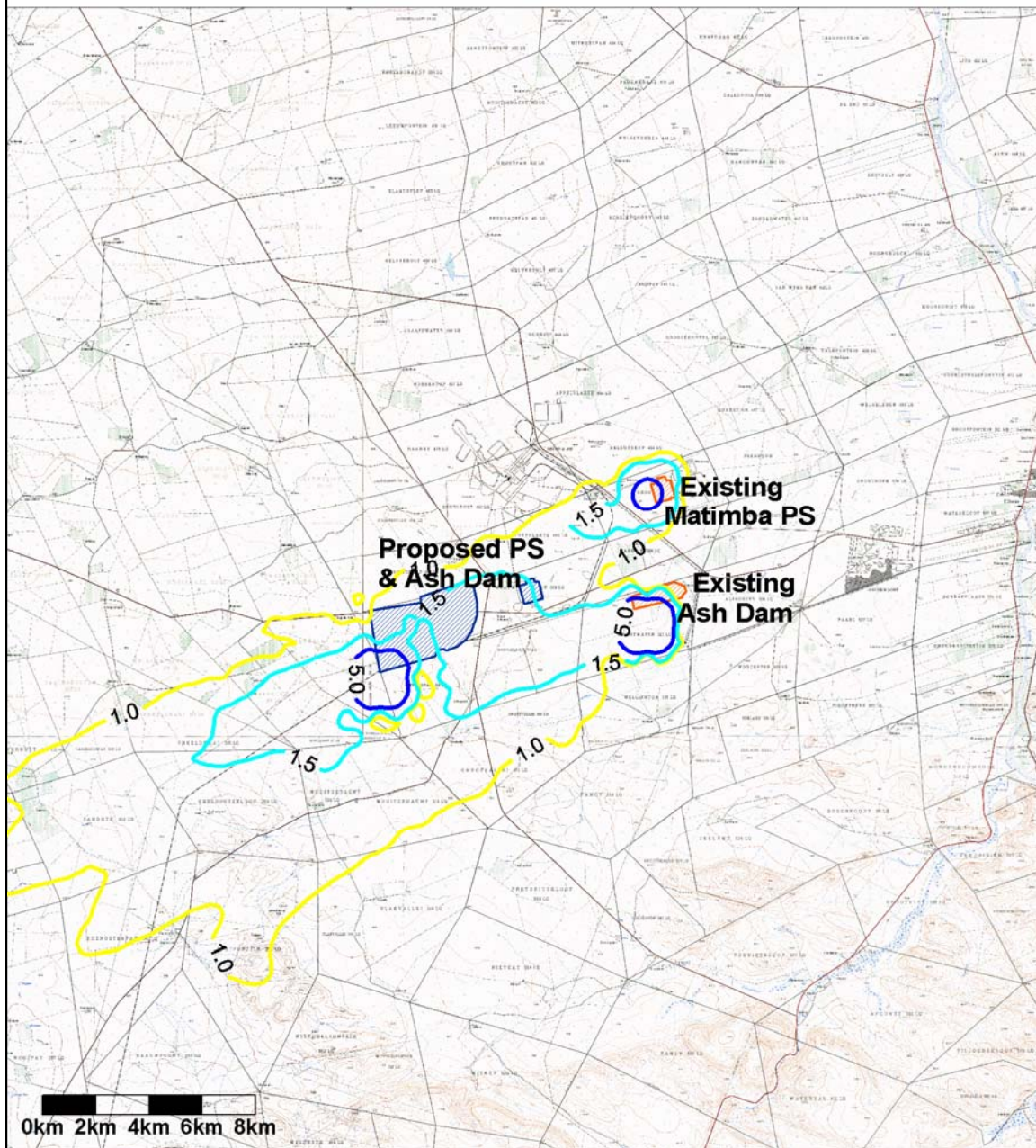
APPENDIX U –

**ISOPLETH PLOTS DEPICTING TOTAL FINE PARTICULATE CONCENTRATIONS AND
DUSTFALL RATES DUE TO CURRENT AND PROPOSED POWER STATION EMISSIONS
(STACK AND FUGITIVE EMISSIONS; PRIMARY AND SECONDARY PARTICULATES)**

Predicted Highest Daily Average PM10 Concentrations due to Current and Proposed Matimba Power Station ($\mu\text{g}/\text{m}^3$) Operations including Primary & Secondary Particulates from Stack Releases and Fugitive Dust Emissions (Assuming Maximum Emissions from Proposed Development)



Predicted Annual Average PM10 Concentrations due to Current and Proposed Matimba Power Station ($\mu\text{g}/\text{m}^3$) Operations including Primary & Secondary Particulates from Stack Releases and Fugitive Dust Emissions (Assuming Maximum Emissions from Proposed Development)



Predicted Highest Monthly Dustfall Rates due to Current and Proposed Matimba Power Station Operations (Assuming Maximum Emissions from Proposed Development) (mg/m²/day)

