

Figure 5-14 Maximum Predicted Incremental 1-hour Average NO₂ Concentrations (µg/m³) Due to Combined Emissions from Unit 5 and Units 6&7

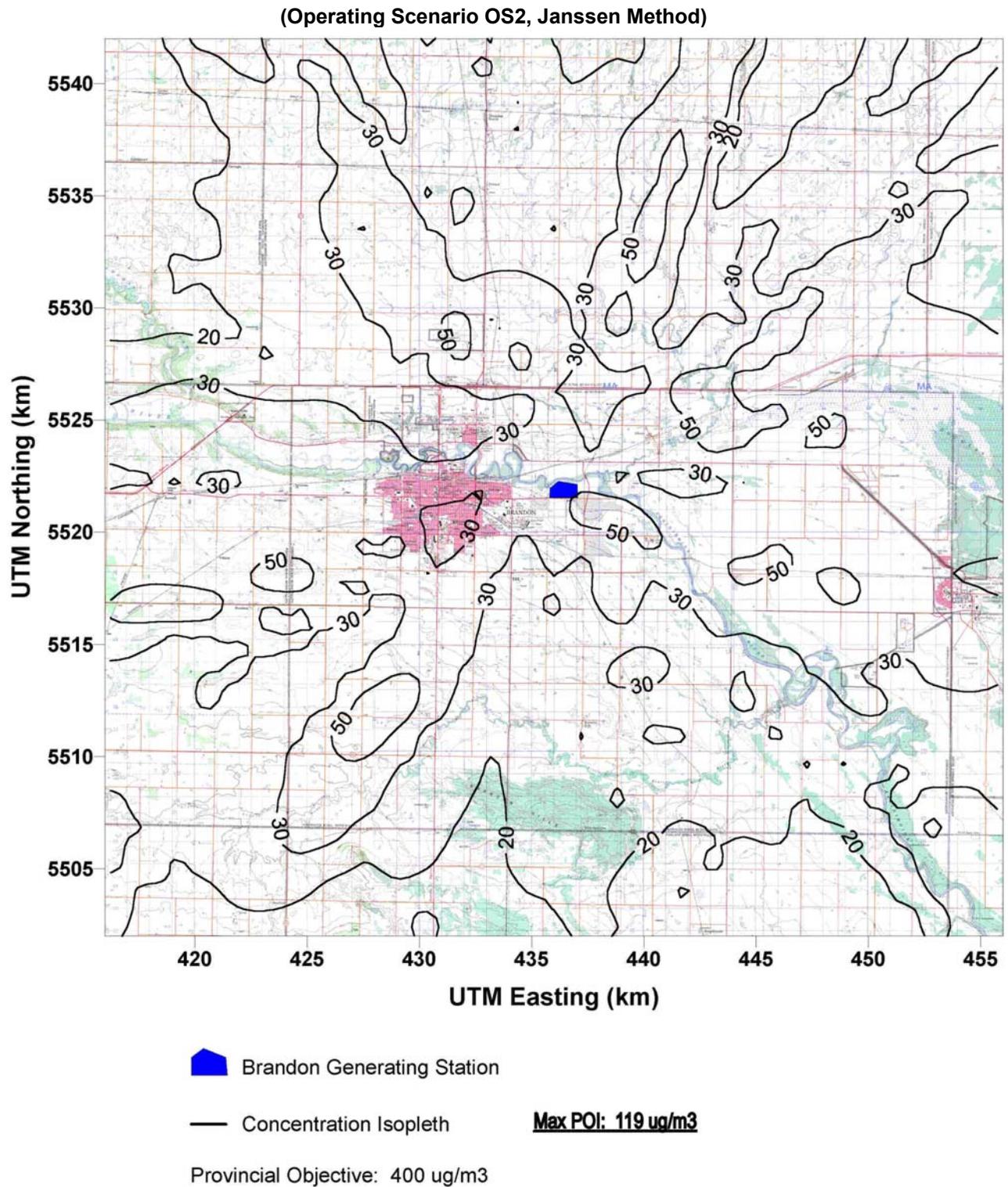


Figure 5-15 Maximum Predicted Incremental 1-hour Average SO₂ Concentrations (µg/m³) due to Unit 5 Emissions

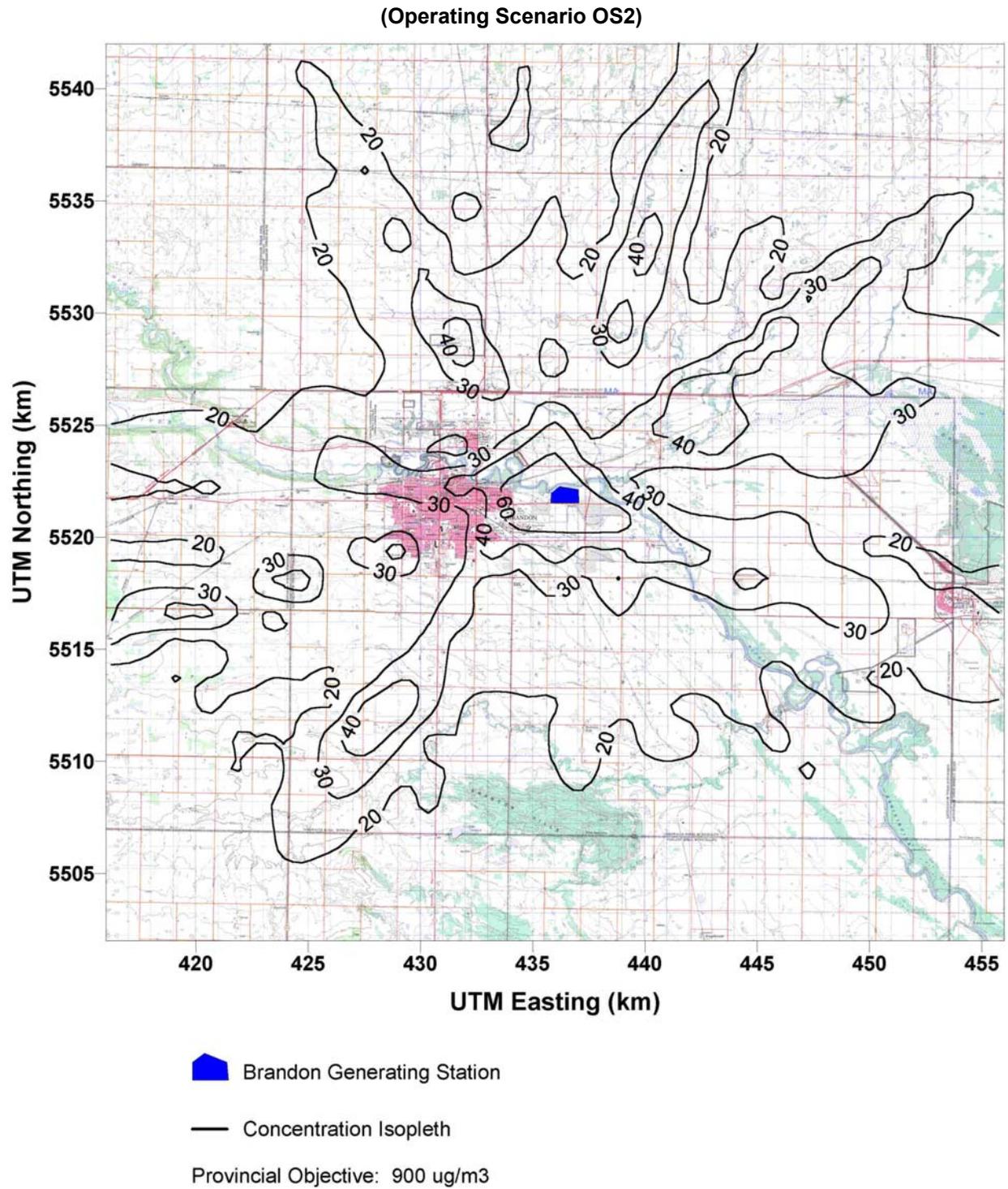


Figure 5-16 Maximum Predicted Incremental 24-hour Average SO₂ Concentrations (µg/m³) due to Unit 5 Emissions

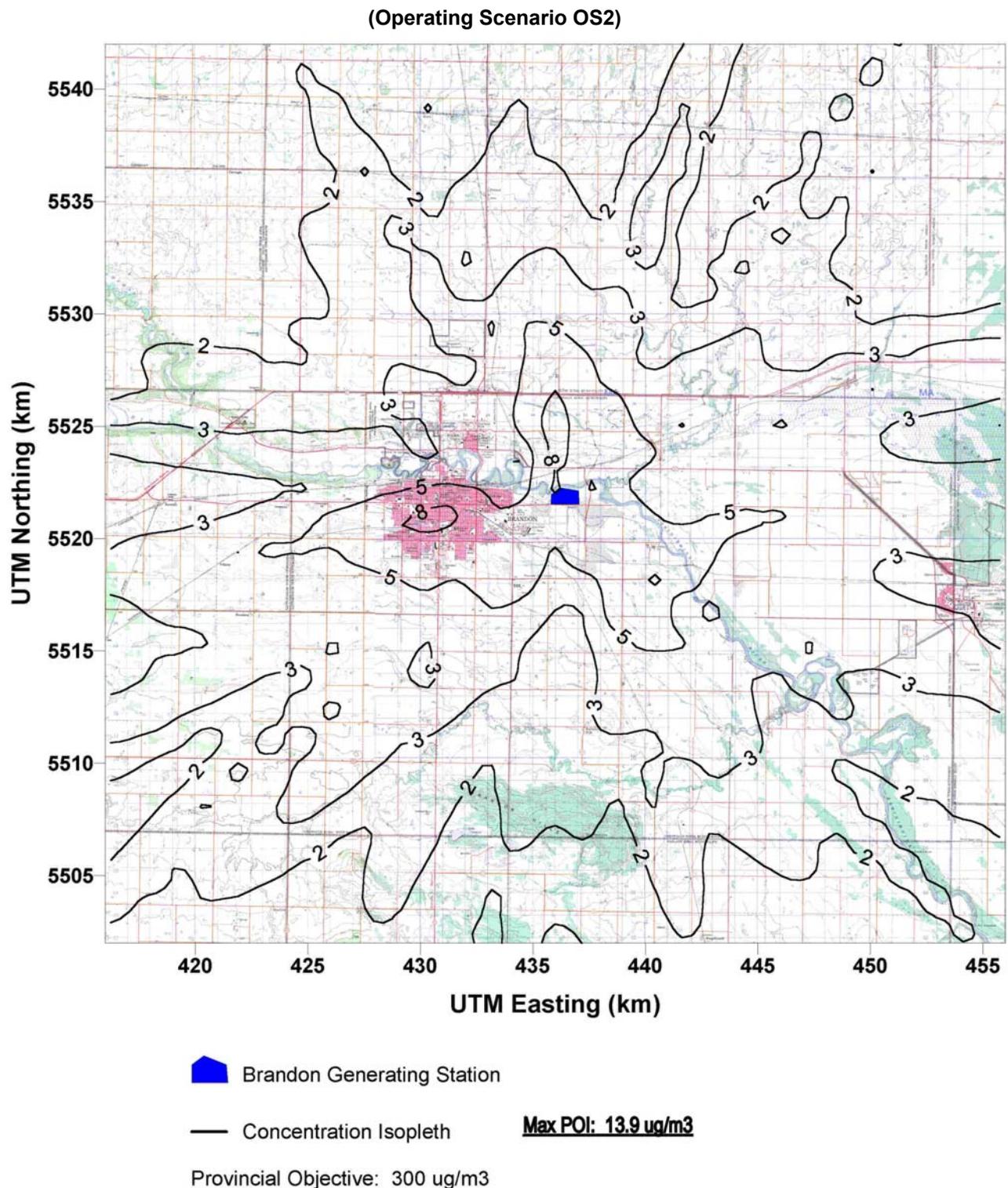


Figure 5-17 Maximum Predicted Incremental 24-hour Average PM₁₀ Concentrations (µg/m³) due to Unit 5 Emissions

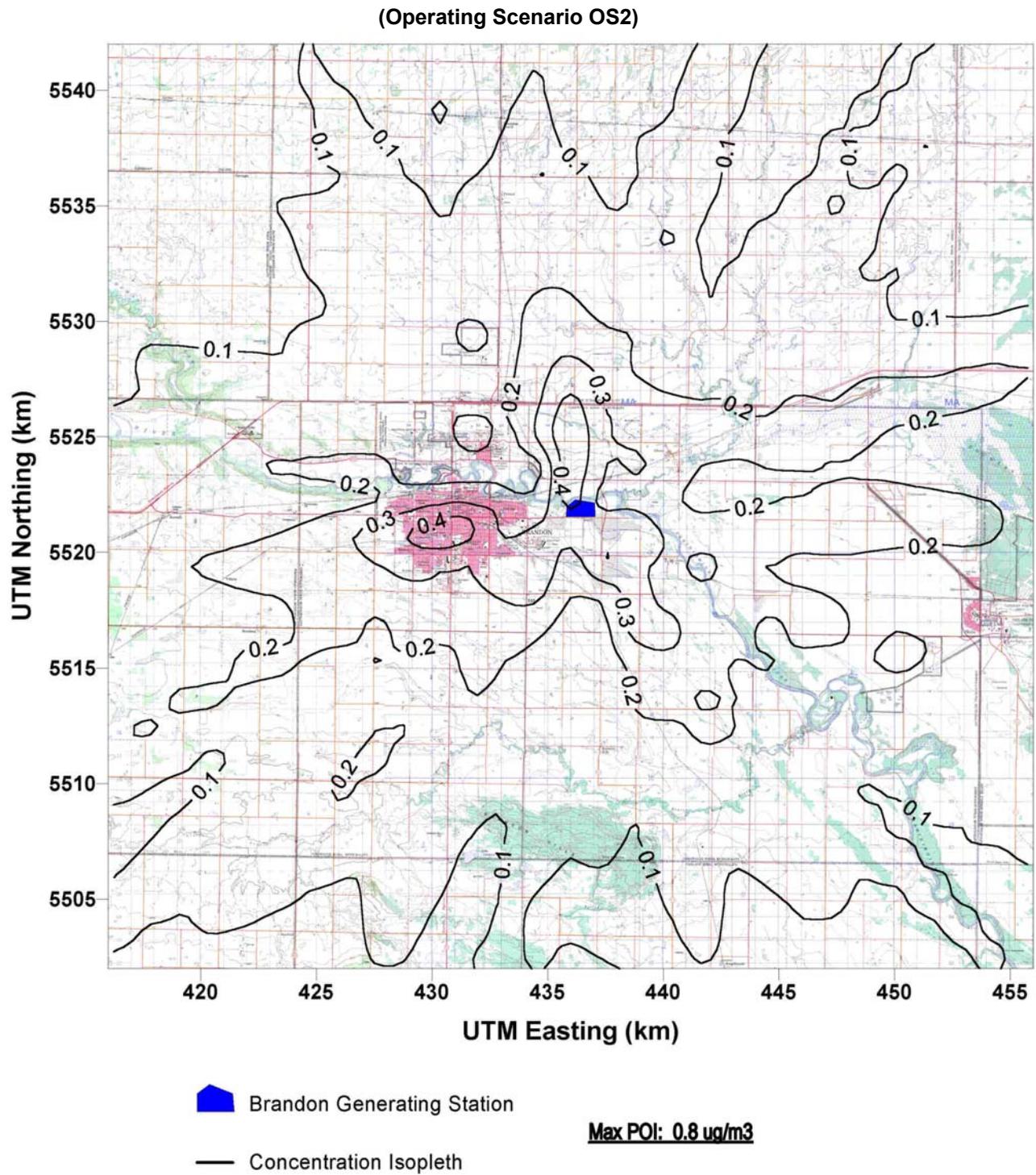


Figure 5-18 Maximum Predicted Incremental 24-hour Average PM_{2.5} Concentrations (µg/m³) due to Unit 5 Emissions

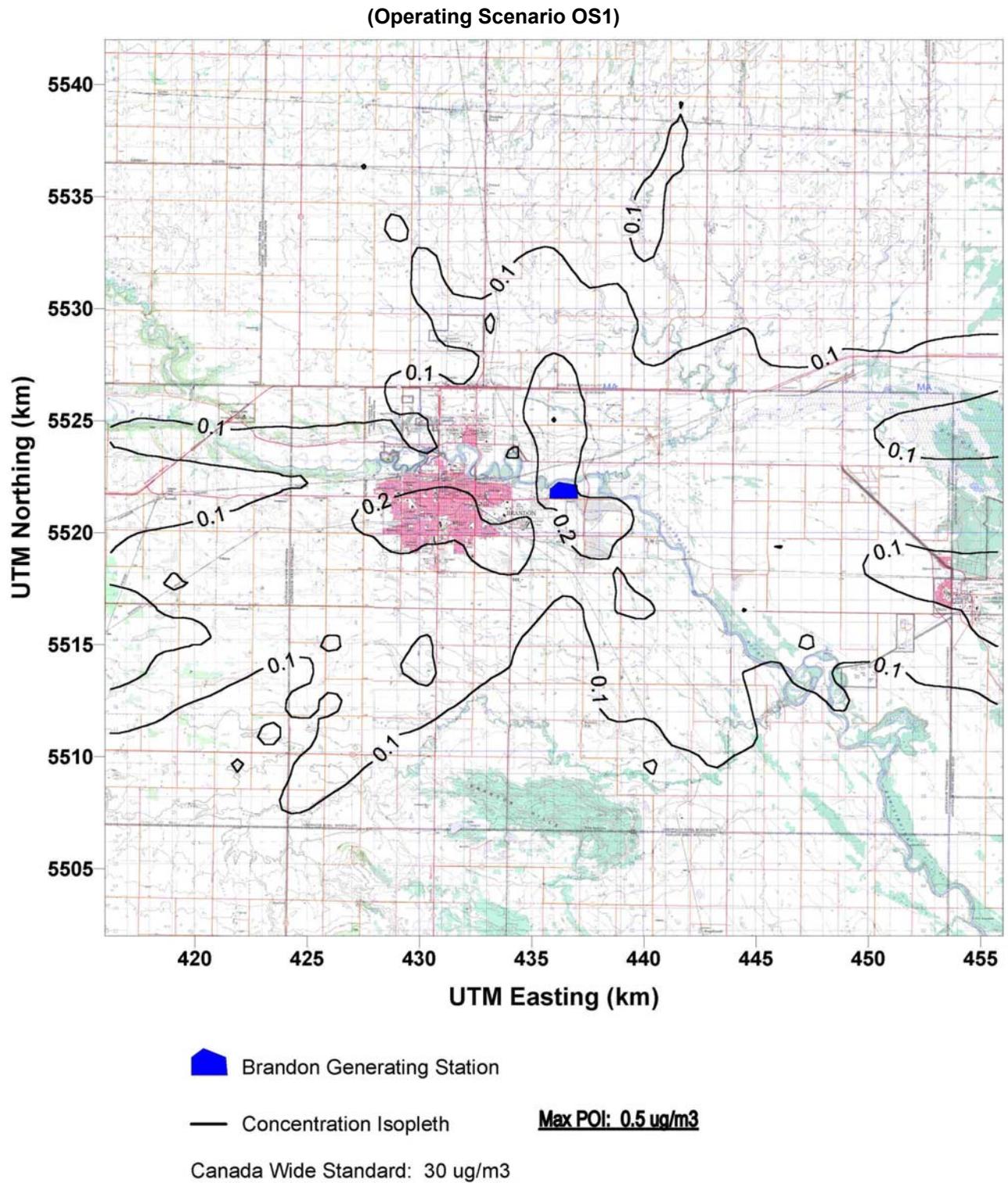
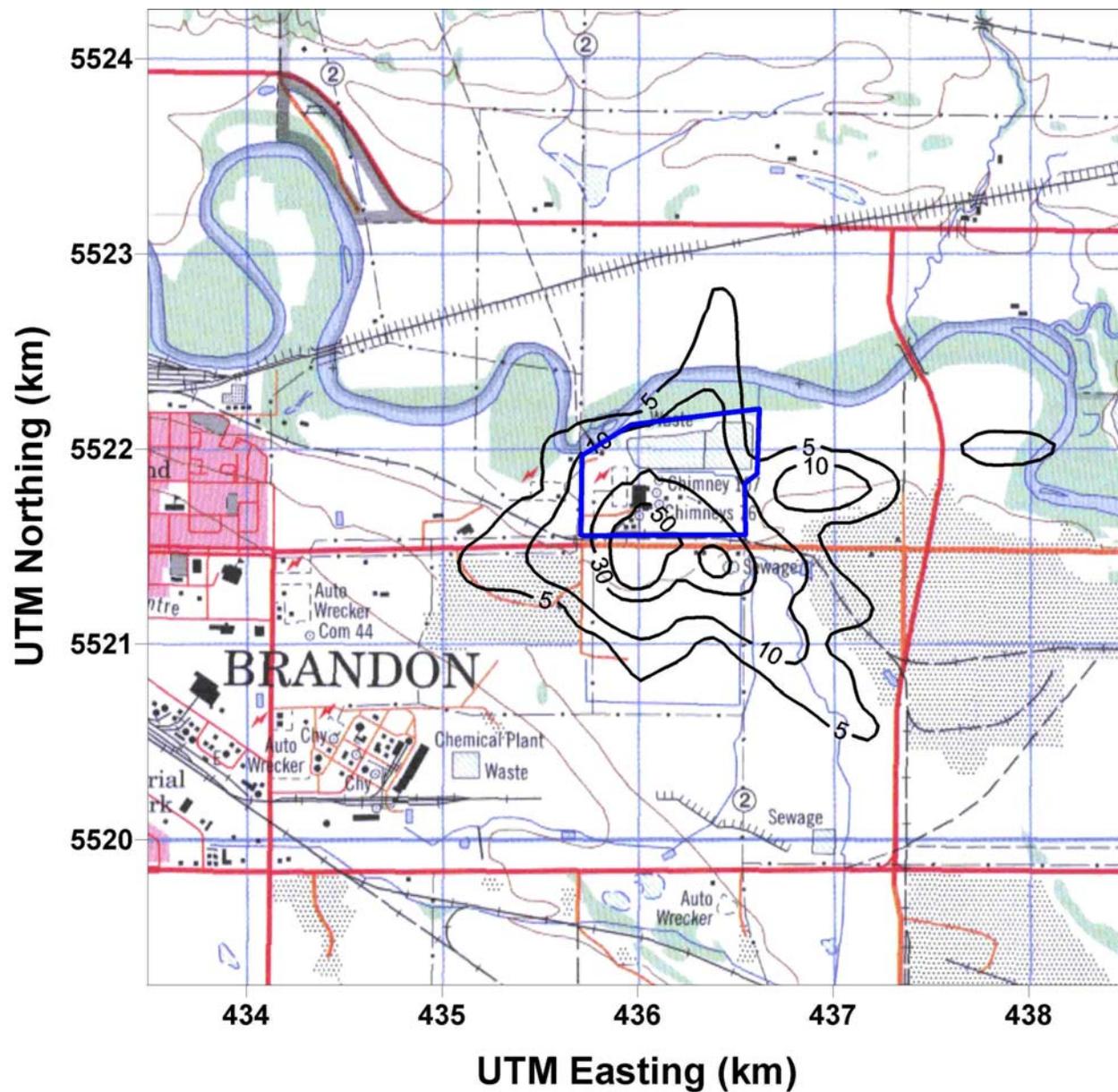


Figure 5-19 Maximum Predicted Incremental 24-hour Average SPM Concentrations ($\mu\text{g}/\text{m}^3$) due to Fugitive Coal Dust Emissions



- Brandon G.S. Property Line
 - Concentration Isopleth ($\mu\text{g}/\text{m}^3$)
- Max POI: 105 $\mu\text{g}/\text{m}^3$
- Provincial Objective: 120 $\mu\text{g}/\text{m}^3$

Figure 5-20 Maximum Predicted Incremental 24-hour Average PM₁₀ Concentrations (µg/m³) Due to Fugitive Coal Dust Emissions

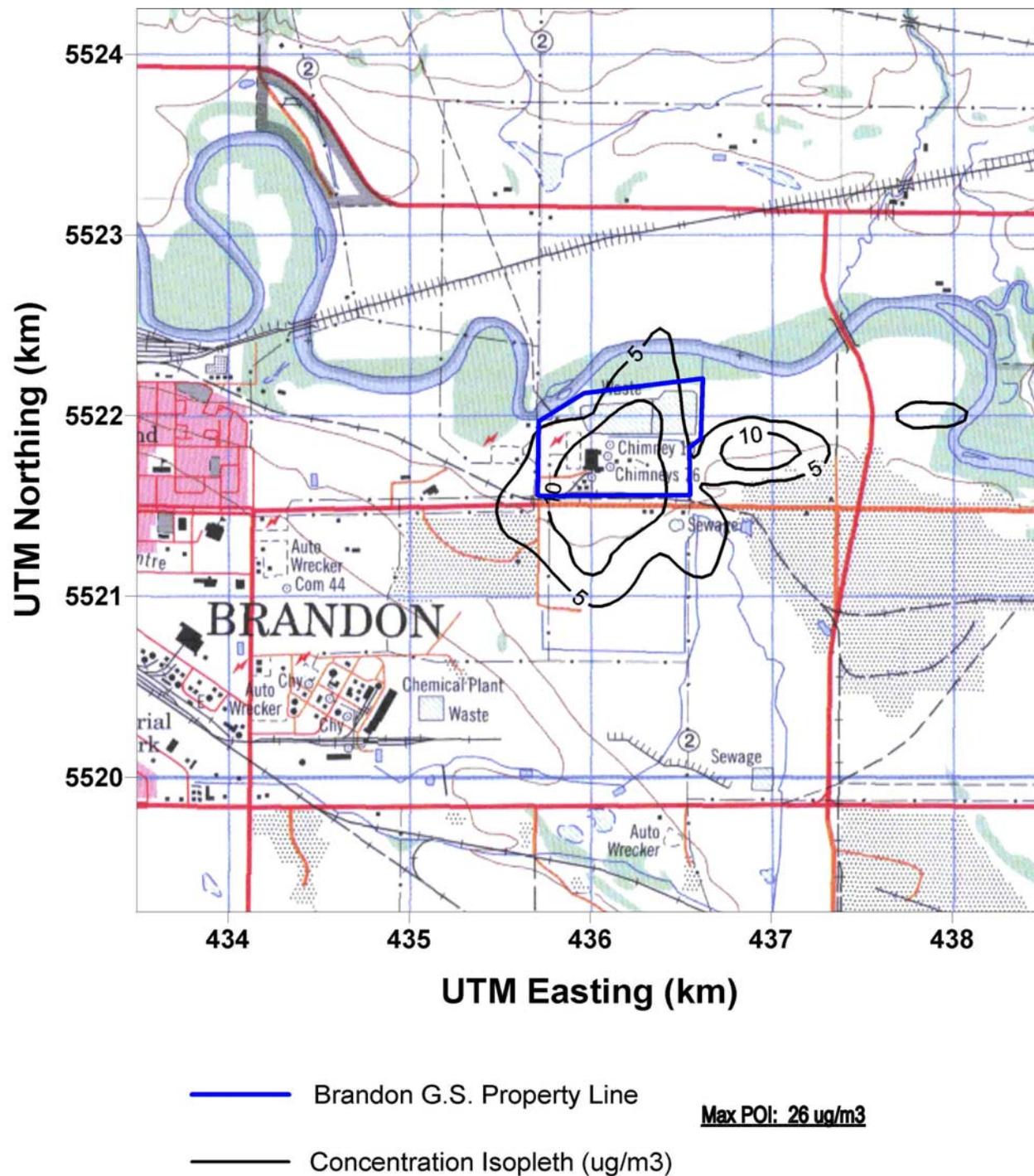
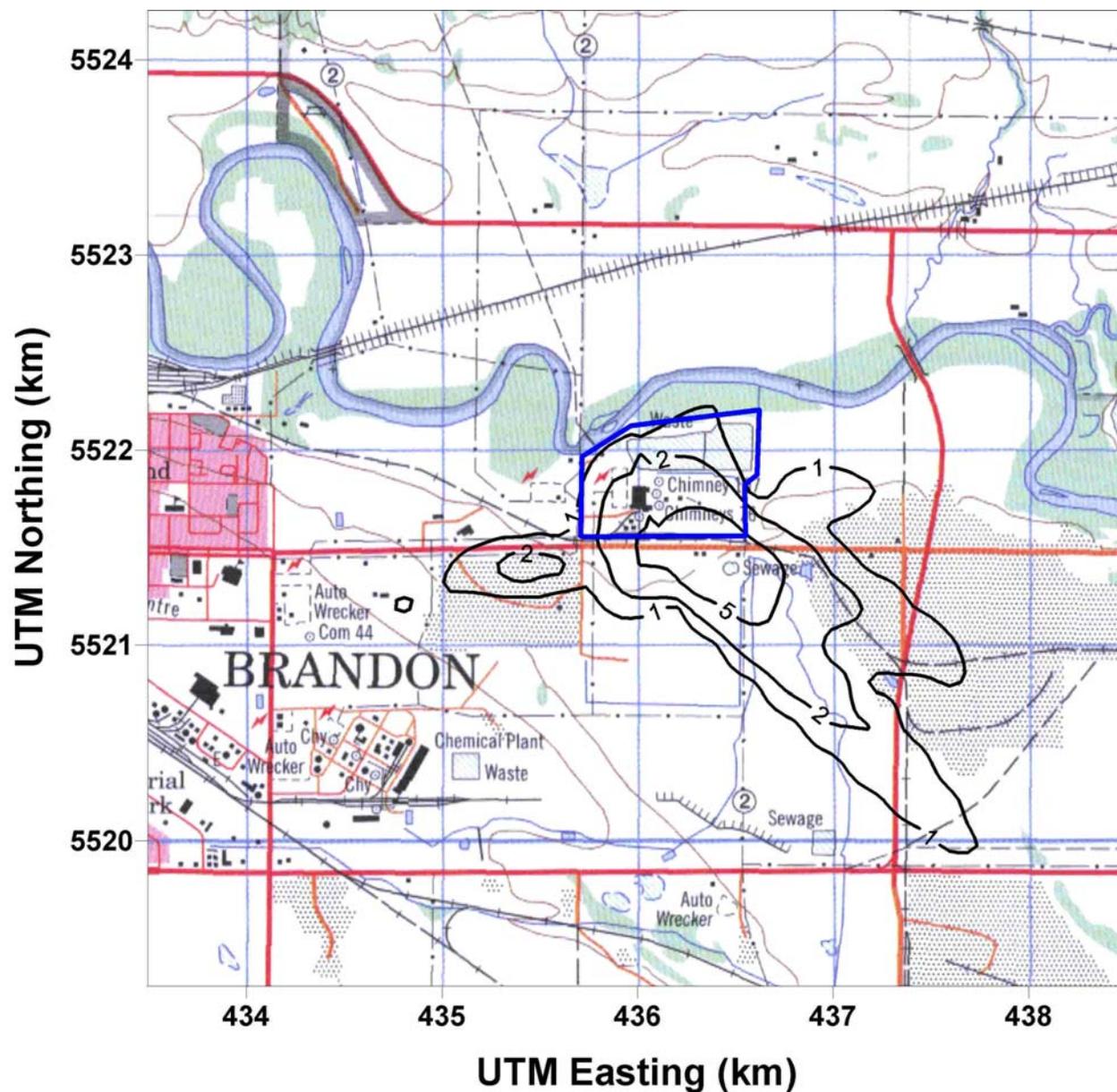
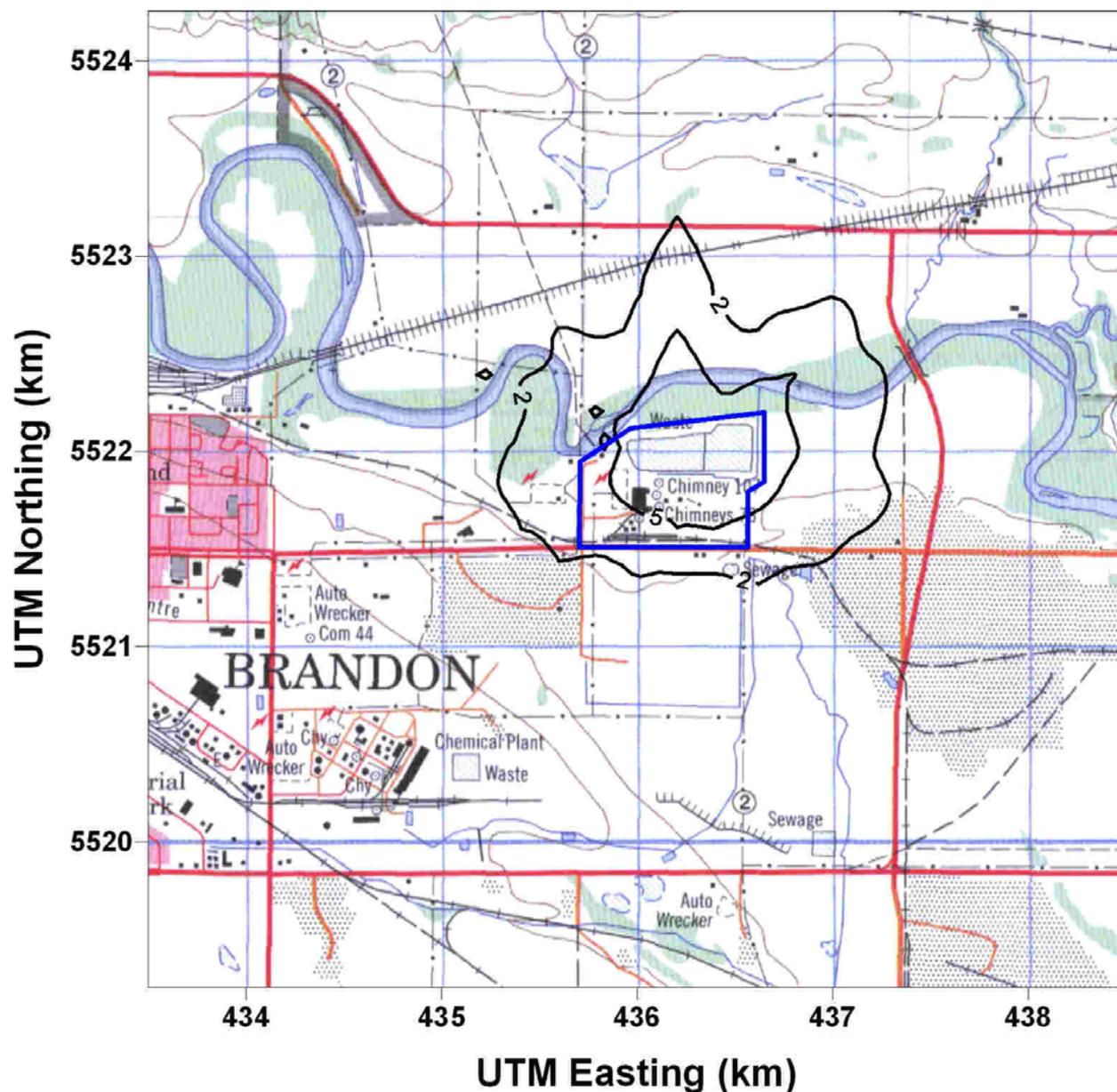


Figure 5-21 Maximum Predicted Incremental 24-hour Average PM_{2.5} Concentrations (µg/m³)
Due to Fugitive Coal Dust Emissions



— Brandon G.S. Property Line
— Concentration Isopleth (ug/m3) **Max POI: 15 ug/m3**
Canada Wide Standard: 30 ug/m3

Figure 5-22 Maximum Predicted Incremental 24-hour Average SPM Concentrations ($\mu\text{g}/\text{m}^3$) Due to Fugitive Dust Emissions from the Ash Lagoon



— Brandon G.S. Property Line
— Concentration Isopleth ($\mu\text{g}/\text{m}^3$) **Max POI: 8 $\mu\text{g}/\text{m}^3$**

Provincial Objective: 120 $\mu\text{g}/\text{m}^3$

Figure 5-23 Maximum Predicted Incremental 24-hour Average PM₁₀ Concentrations (µg/m³) Due to Fugitive Dust Emissions from the Ash Lagoon

