

Appendix 21-C

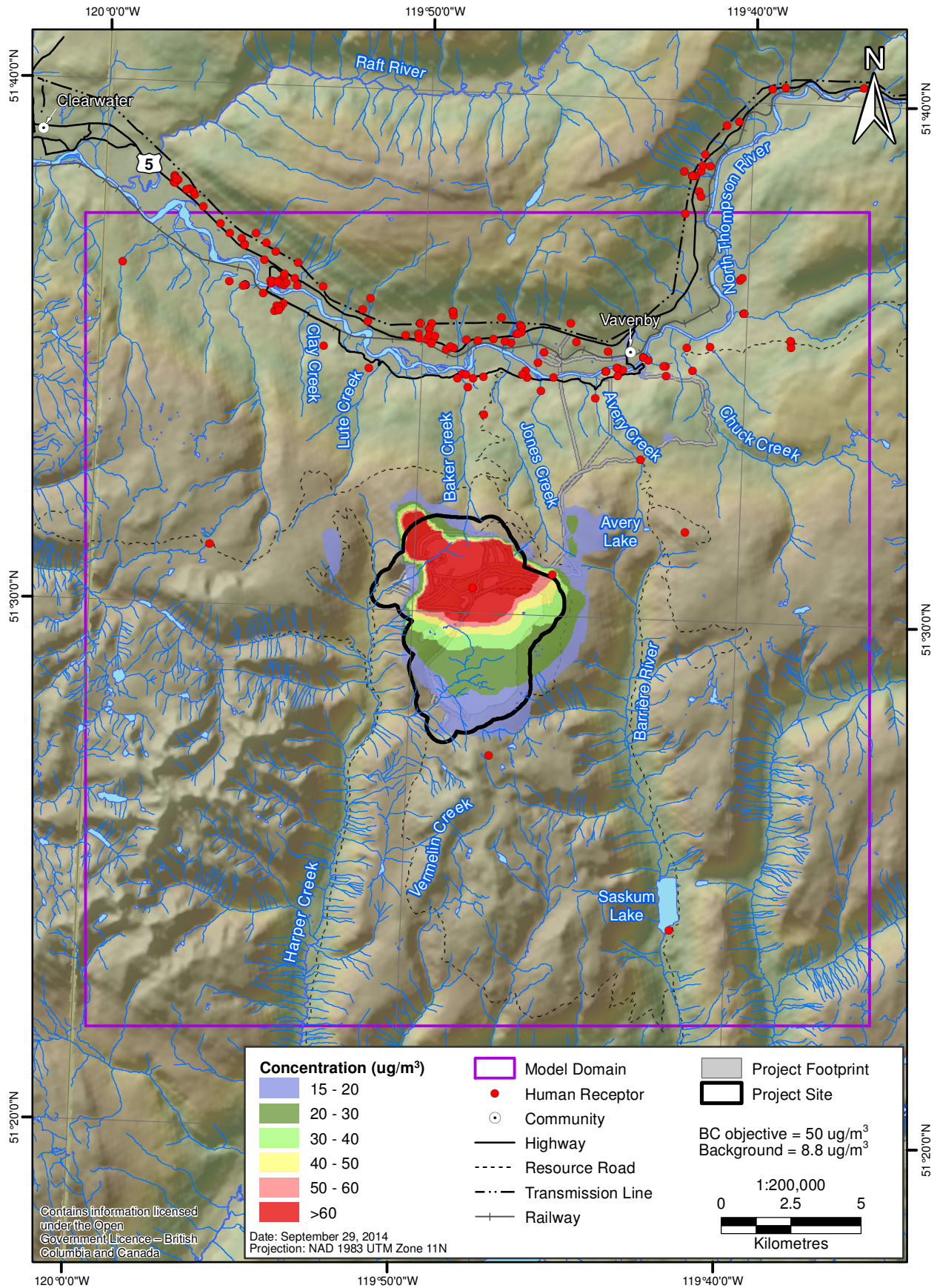
*Human Health Receptors in Relation to Predicted Air Quality
Contours for PM₁₀ and PM_{2.5}*

HARPER CREEK PROJECT

**Application for an Environmental Assessment Certificate /
Environmental Impact Statement**

Figure 1

Predicted Maximum Total 24-Hour PM₁₀ Concentrations (Construction)



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Date: September 29, 2014
 Projection: NAD 1983 UTM Zone 11N

BC objective = 50 ug/m³
 Background = 8.8 ug/m³

Figure 2

Predicted Maximum Total 24-Hour PM₁₀ Concentrations (Operation)

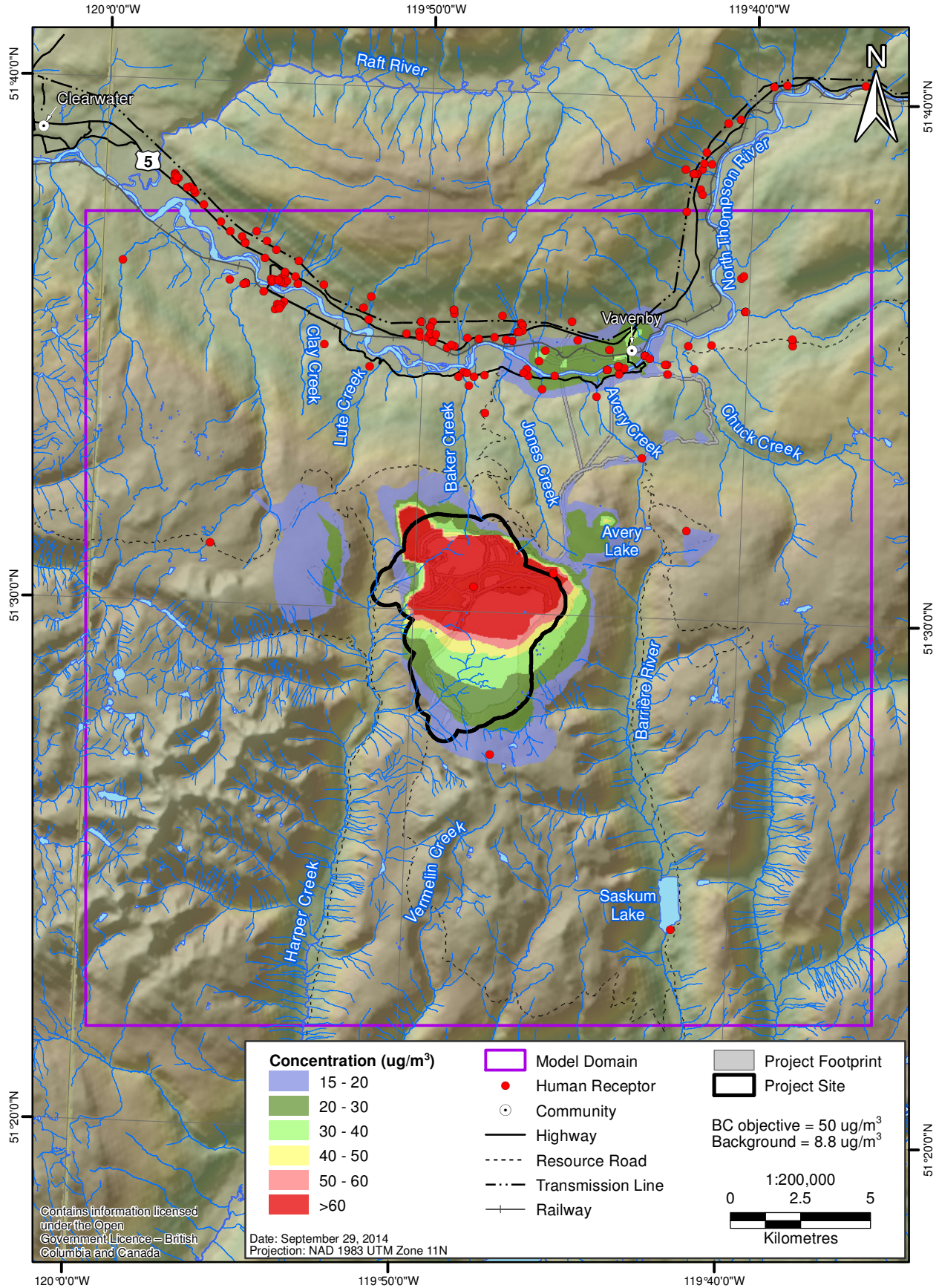


Figure 3

Predicted Maximum Total 24-Hour PM_{2.5} Concentrations (Construction)

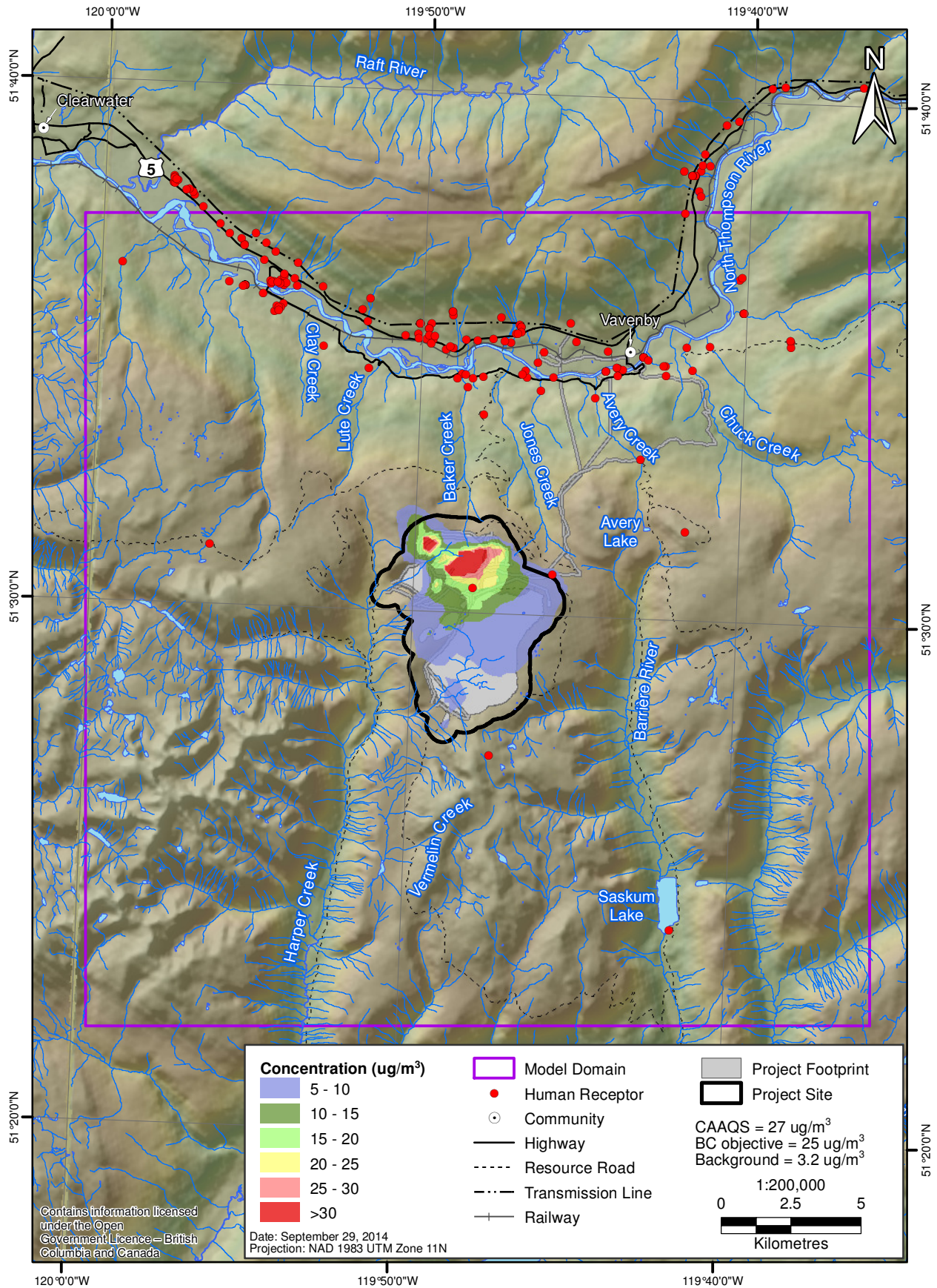


Figure 4

Predicted Maximum Total 24-Hour PM_{2.5} Concentrations (Operation)

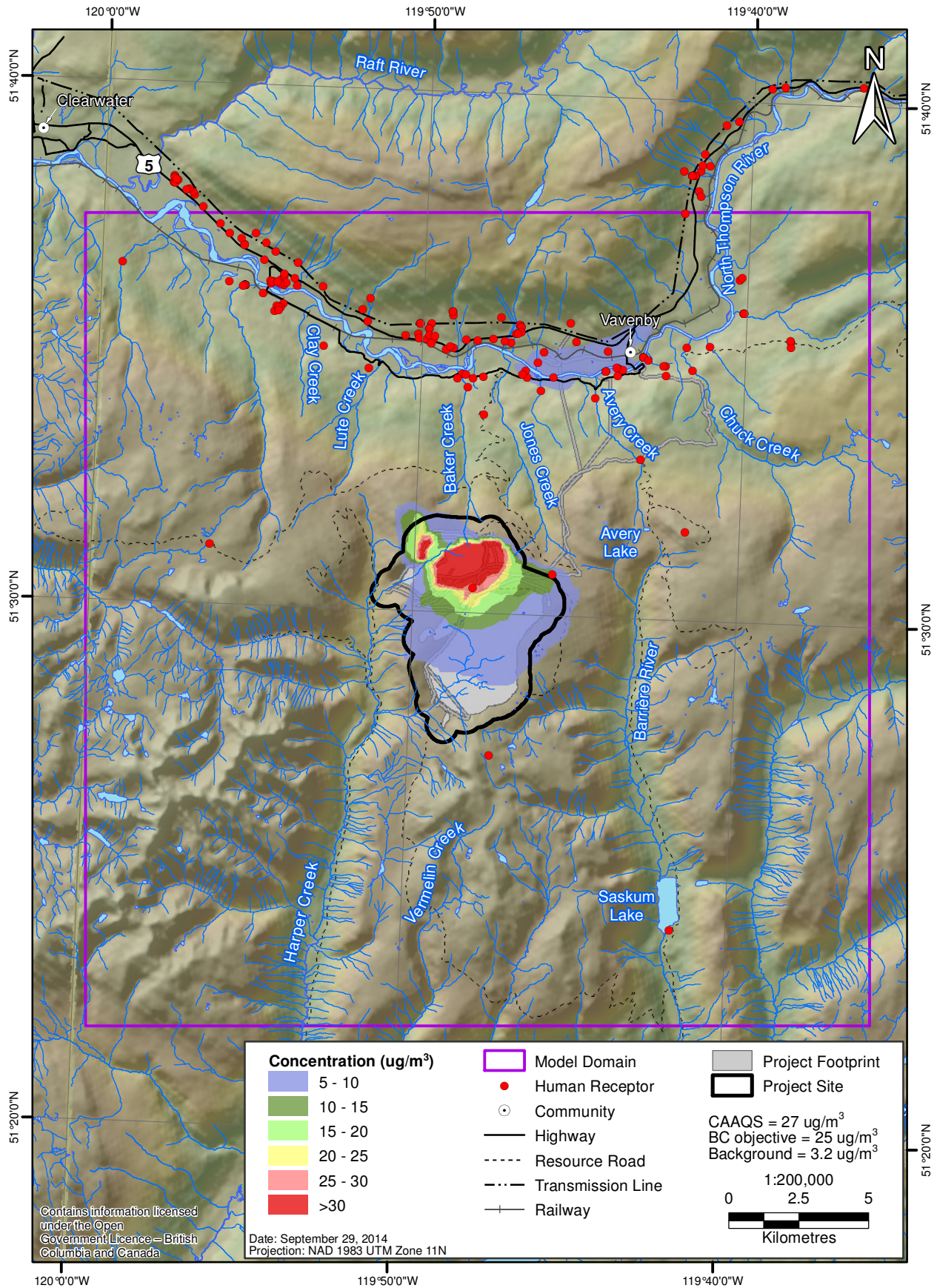


Figure 5

Predicted Annual Total PM_{2.5} Concentrations (Construction)

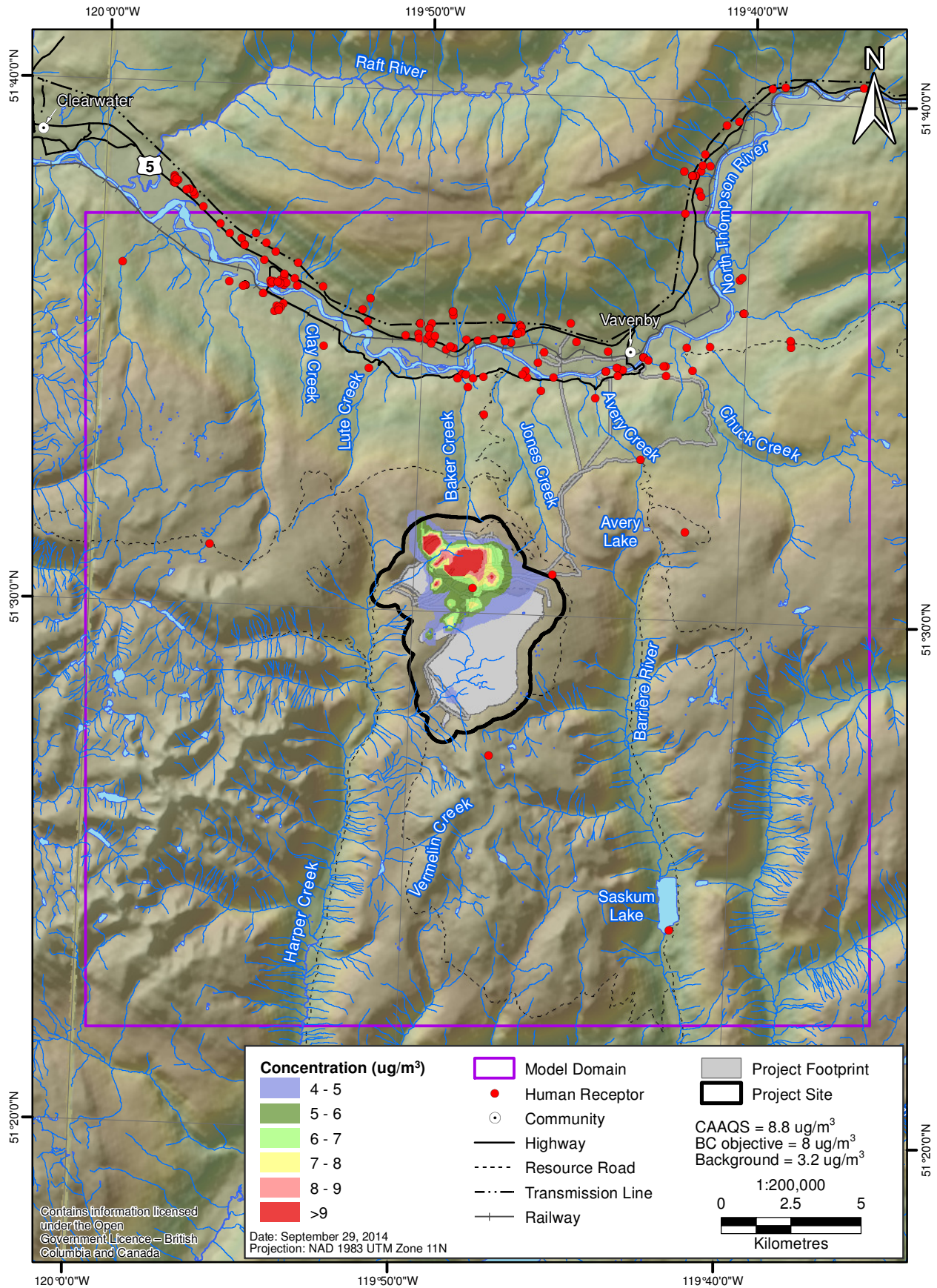


Figure 6

Predicted Annual Total PM_{2.5} Concentrations (Operation)

