

DEC's comments/recommendations on: Travis/Peterson Environmental Consulting (T/P) Comments (dated 11 July 2005) on the DMTS Fugitive Dust Risk Assessment Prepared by Exponent for Teck Cominco Alaska Incorporated (dated April 2005).

No.	Comment	Priority	Recommendation
T/P-1:	<p><u>Sediment Transport</u></p> <p>In Chapter 3, Exponent describes the importance of sediment movement to transport heavy metal away from the DMTS facilities. The document sites several past studies that sampled marine and freshwater sediments. Figures 3-3 and 3-9 showed concentrations of metals in streams and around the port facilities. Table 3-20 displayed sample results. All these references displayed high concentrations of metal in the sediments.</p> <p>The risk assessment does not model sediment transport from the DMTS road or port site. Since the majority of metals move by sediment transport, the assessment must demonstrate how the streams carry loads and give a reasonable estimate of the rate of movement. The long term risk then can be estimated by knowing the spread of contamination throughout the watersheds.</p>	Medium	Please provide the rationale for not conducting sediment transport modeling or please conduct the appropriate modeling.

Key:

- ADPH = Alaska Department of Public Health
- T/P = Travis/Peterson Environmental Consulting
- TPECI = Travis Peterson Environmental Consulting Inc.
- DEC = Department of Environmental Conservation (Alaska)
- DMTS = DeLong Mountain regional Transportation System
- NA = Not Applicable
- TCA = Teck Cominco

Notes:

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