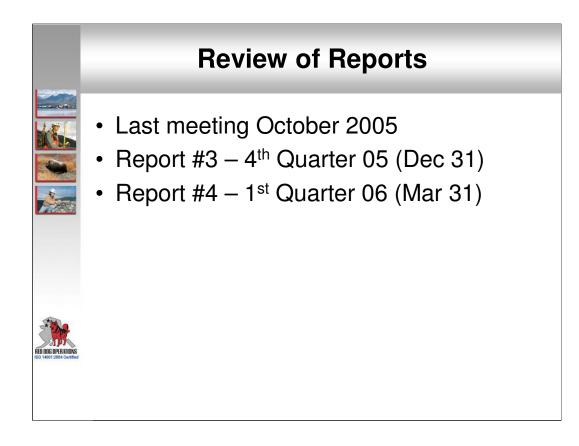


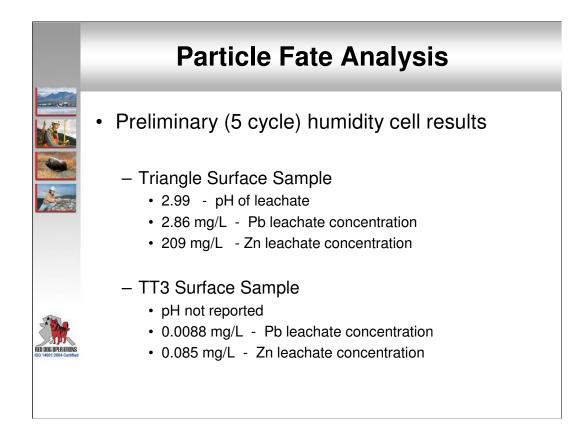
Introduction



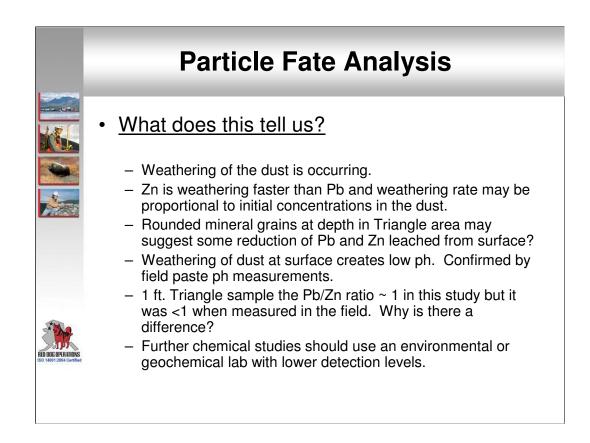
General discussion on the last two quarterly reports

	Particle Fate Analysis
	 Three Samples <u>Gyratory Crusher Dust (reference)</u> 4.7% Pb - 20.1% Zn Pb / Zn = 0.2 Angular grains 30.4% leachable Pb - 0.9% leachable Zn
	 <u>Triangle Site Dust (proximal)</u> Surface 1.9% Pb - 0.6% Zn Pb / Zn = 3.2 Angular grains some oxidation products 43.2% leachable Pb - 10.5% leachable Zn
RU DOB DEPATIONS ISO 1400/2004 Curified	 1 foot depth 0.09% Pb - 0.08% Zn Pb / Zn = 1.1 Rounded grains 60.0% leachable Pb - 32.5% leachable Zn
	 <u>TT3 Site (distal)</u> Surface <0.01% Pb and Zn 1 foot depth <0.01% Pb and Zn

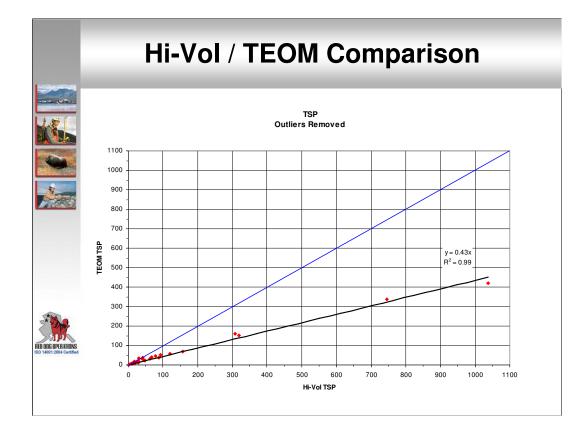
Very preliminary information on the particle fate analysis



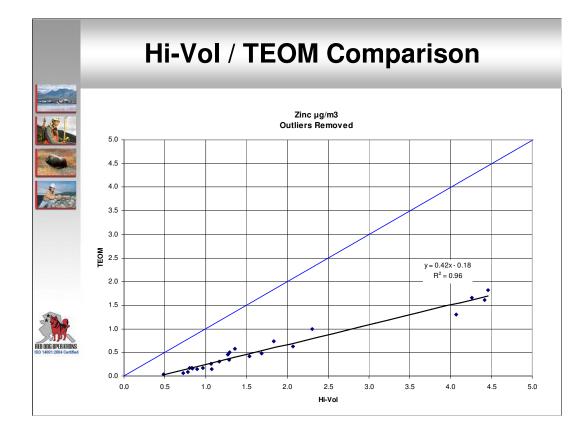
Very preliminary information on the particle fate analysis



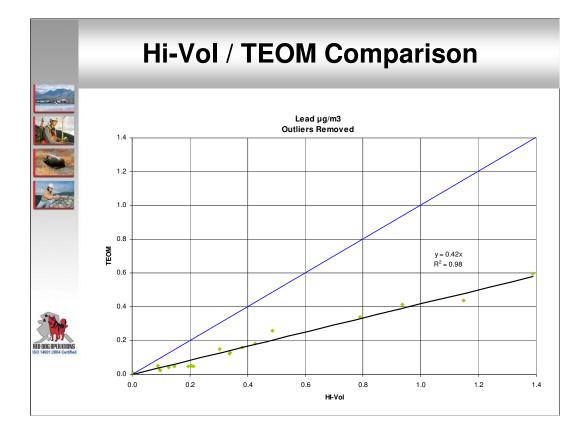
Speculation and discussion on the preliminary information on the particle fate analysis. Generally recognized there is more work to be done.



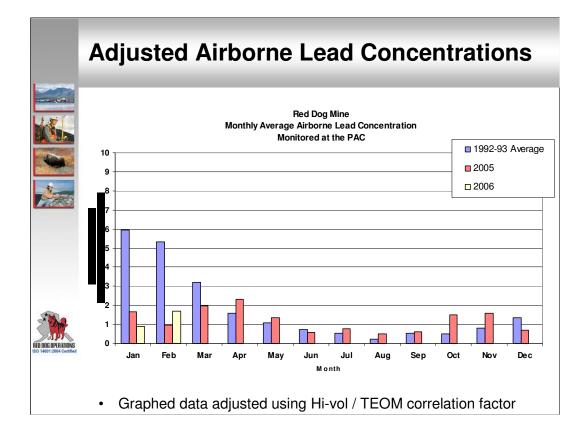
TCAK continues to monitor Total Suspended Particulates (TSP), airborne lead, and airborne zinc using Rupprecht & Patashnick 1400 AB TEOM ambient particulate monitors (TEOM) equipped with TSP Inlets and Automatic Cartridge Collection Units (ACCU). TCAK conducted a study comparing the collection efficiency of a Wedding Hi-Vol and an R&P 1400AB TEOM samplers. The primary findings of the comparison study indicate that the TEOM collection efficiency is approximately 43% that of the Hi-Vol system. The graphs above depict the correlation between Total Suspended Particulates (TSP) collected using a Hi-Vol sampler and an R&P TEOM utilizing a TSP inlet. The samplers were co-located within the mining and milling area (within the facility).



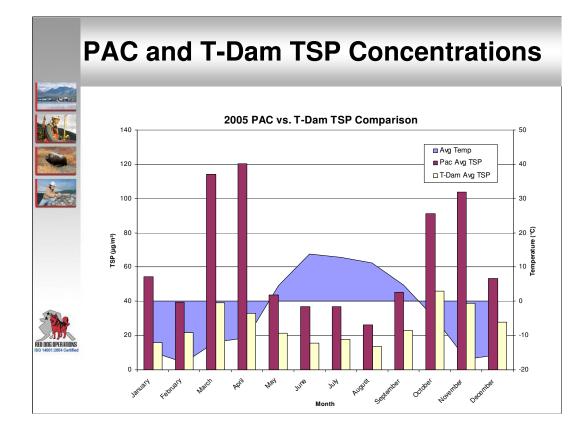
Graphs depicting the correlation between Zinc in TSP collected using a Hi-Vol sampler and an R&P TEOM utilizing a TSP inlet. The samplers were co-located within the mining and milling area (within the facility).



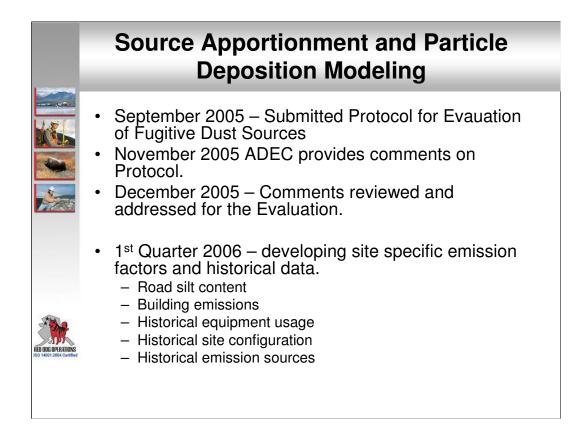
Graphs depicting the correlation between Lead in TSP collected using a Hi-Vol sampler and an R&P TEOM utilizing a TSP inlet. The samplers were co-located within the mining and milling area (within the facility).



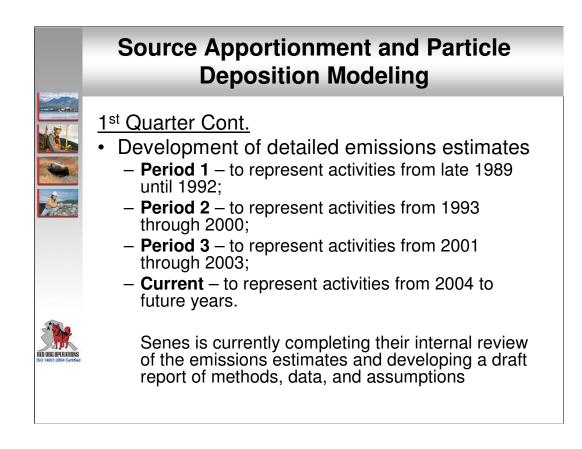
Graphs indicating the historic Lead in TSP concentrations. Sample location is within the mining and milling area (within the facility). A comparison of the historic Hi-Vol results to the adjusted annual TEOM results, using the correlation factors, indicates a continued downward trend in TSP lead concentrations. Additionally, a significant increase in production has occurred from 1994 to 2006, which should be taken in to consideration when reviewing the data.



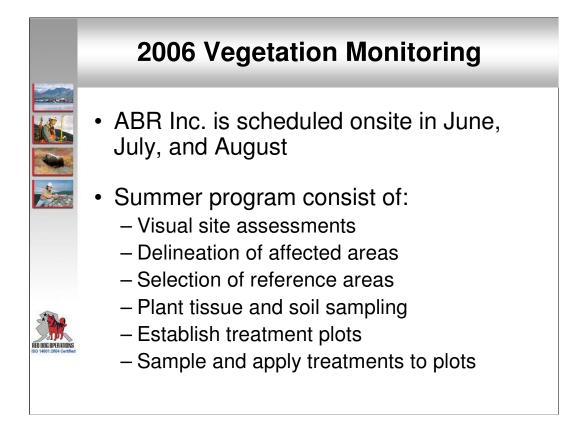
2005 histogram depicting the historic TSP concentrations at the PAC (within the active mining and milling area) verses the T-Dam (near the western air boundary). Sample location are within the mining and milling area (within the facility). Image also shows average air temperature during the time period.



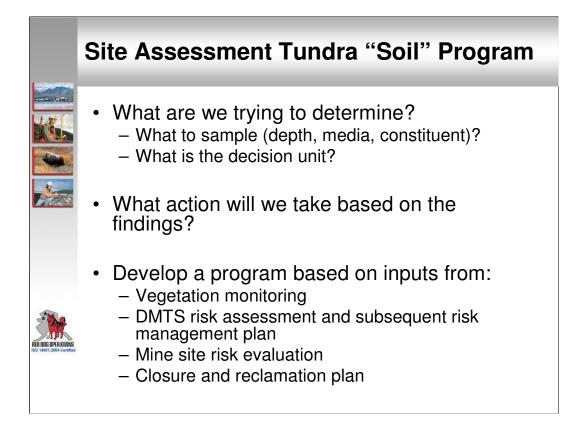
Overview of the Source Apportionment and Particle Deposition Modeling



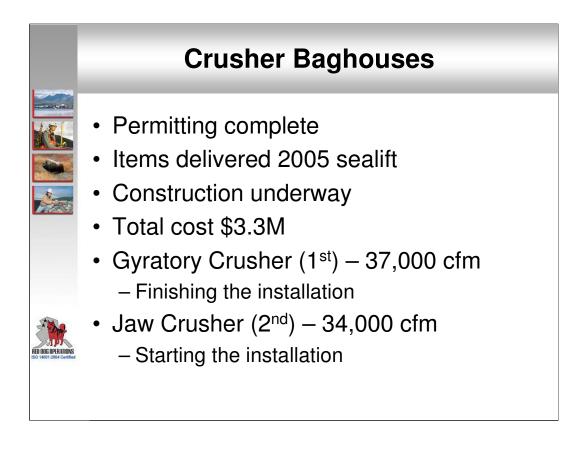
Overview of the Source Apportionment and Particle Deposition Modeling



Overview of the 2006 Vegetation Monitoring program.

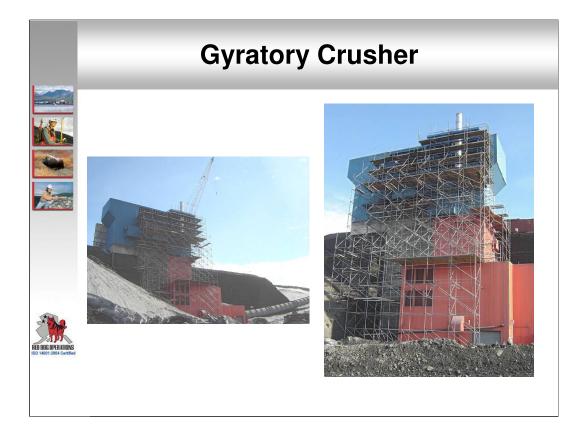


Discussion on site assessment and tundra soil sampling program.

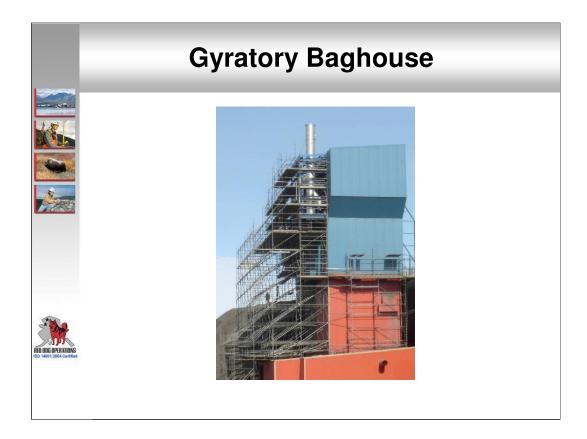


Gyratory and Jaw Crusher Dump Pocket Baghouses

Construction is currently underway but has experienced several delays related to poor crane mechanical availability and extreme winter weather conditions. Current focus is on structural, mechanical and component installation. The present estimate for completion of the project is late May



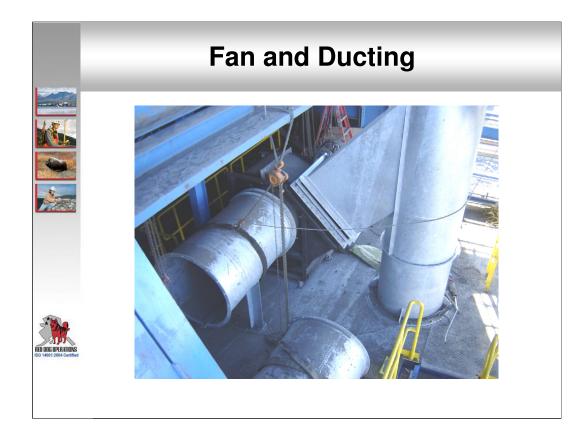
The Gyratory Crusher Dump Pocket Baghouse construction



The Gyratory Crusher Dump Pocket Baghouse construction



Air plenum for the Gyratory Crusher Dump Pocket Baghouse

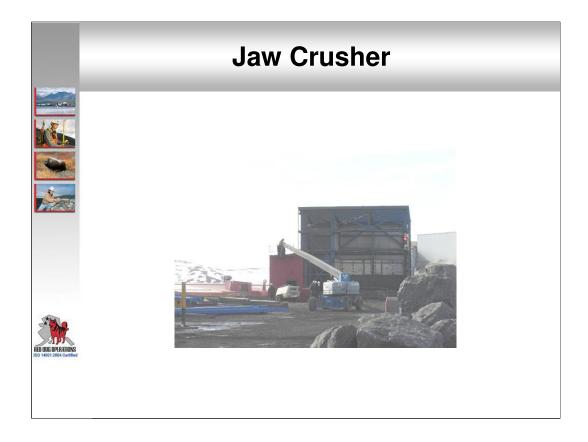


Fan for the Gyratory Crusher Dump Pocket Baghouse

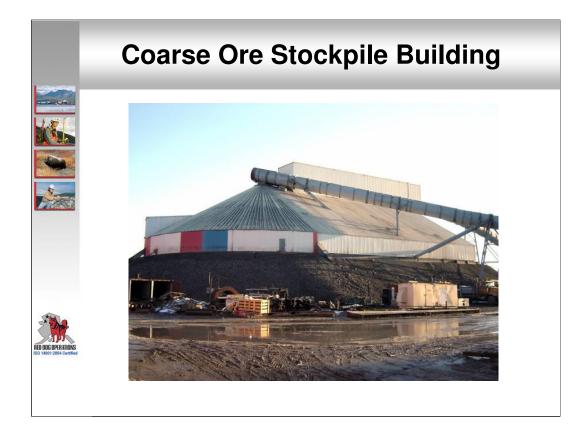




Construction of Wing-Walls associated with the Gyratory Crusher Dump Pocket



Beginning the Jaw Crusher Dump Pocket Baghouse construction



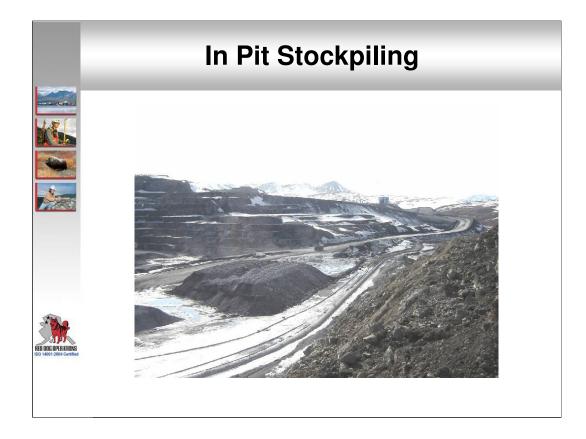
A new roof will be installed on the Coarse Ore Stockpile Building during the summer of 2006



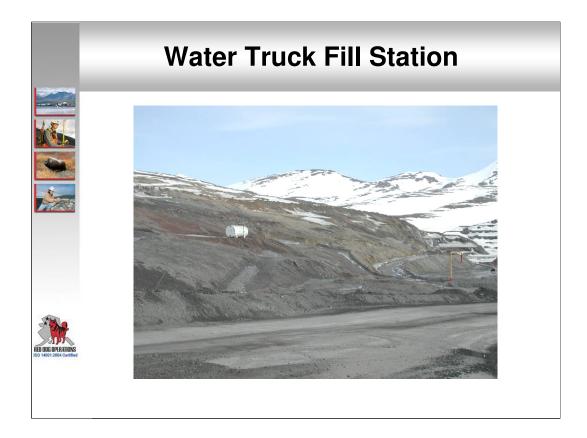
Prototype baghouse within the Mine Concentrate Storage Building. The unit is being operated to evaluate the performance of filter media within the CSB which can have very high moisture and extremely cold temperatures.



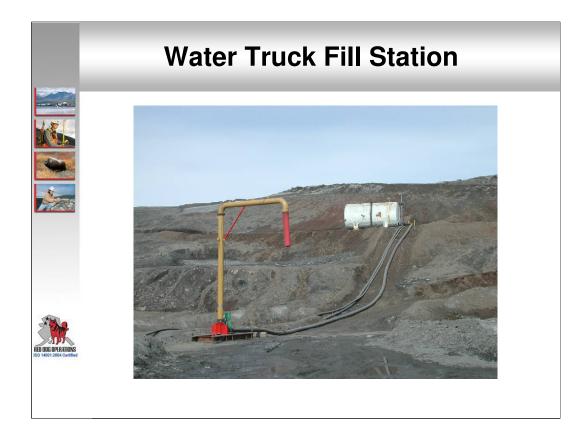
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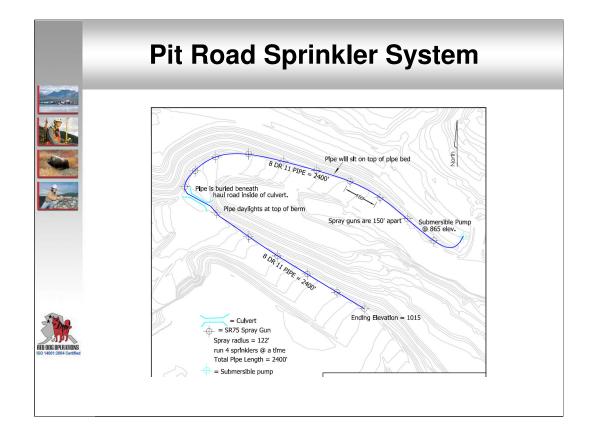
Improvements in Mining operations dust control activities. In Pit stockpile.



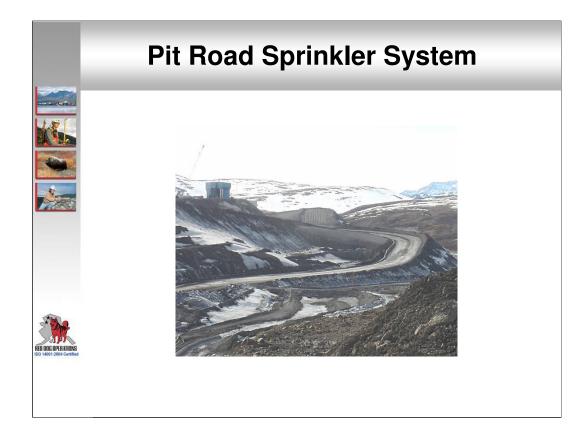
Improvements in Mining operation dust control activities. The new water fill station decreases water truck fill times and subsequently increases water truck cycle rates.



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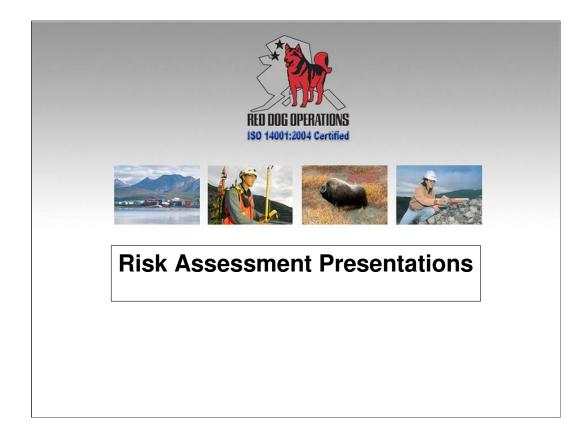
Conceptual proposal for a mine haul road sprinkler system for dust control.



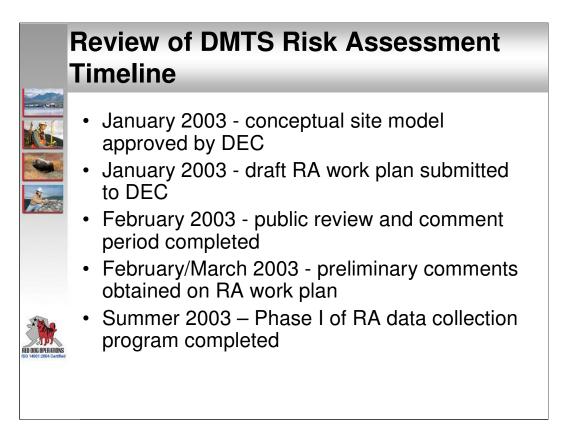
Proposed sprinkler location

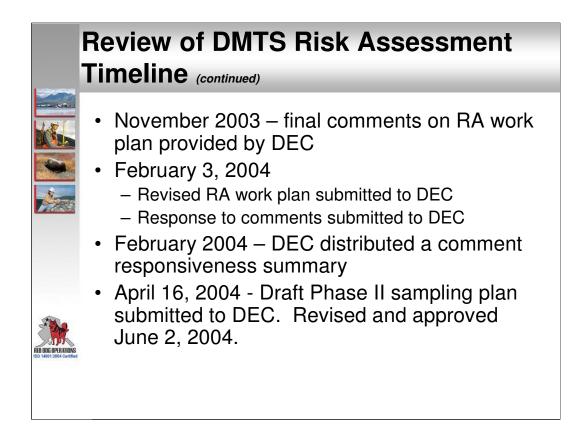


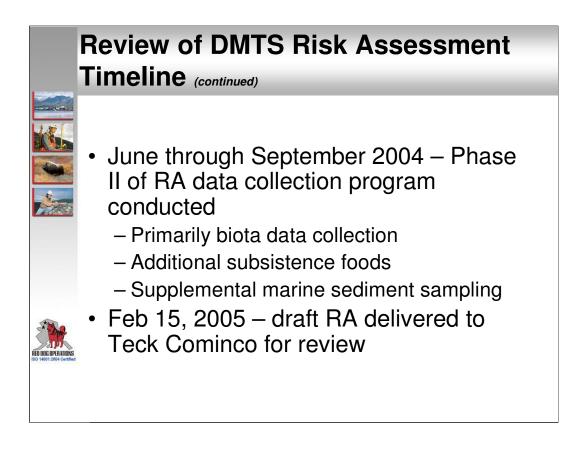
The segregation of traffic of concentrate haulage did not significantly reduce the metal concentrations on the road surface.

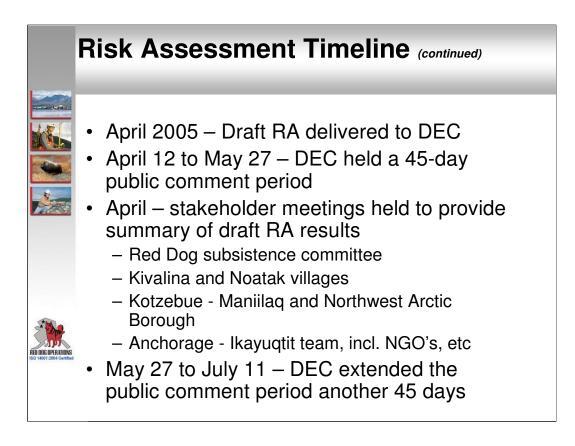


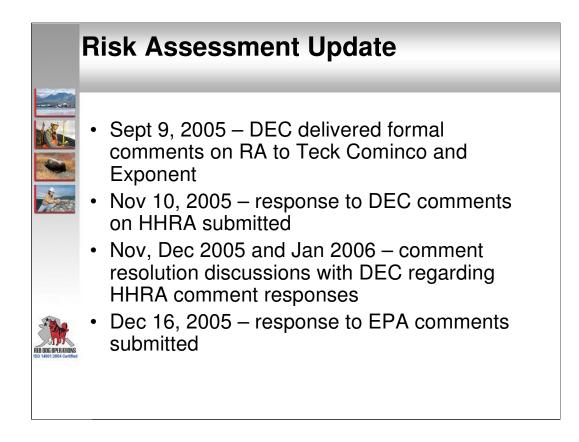
Introduction

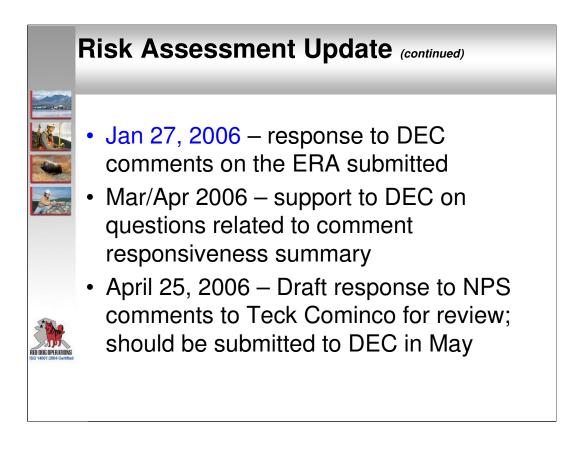


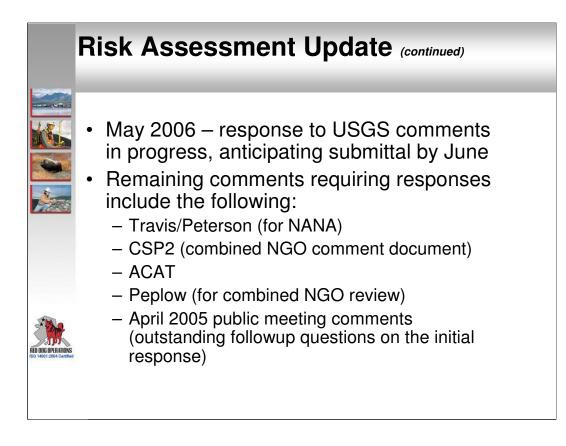


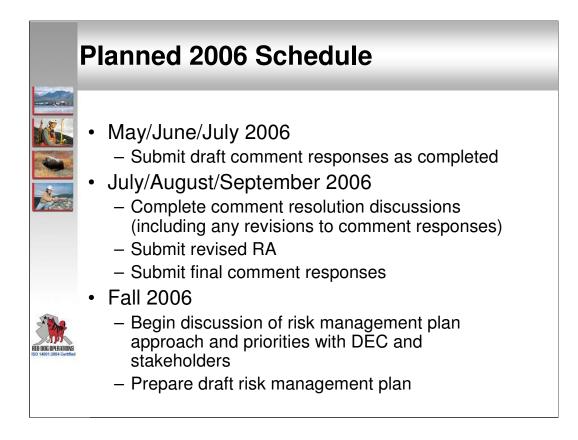












Solid Waste/Closure Considerations

- Manage long term dust aspect under this program.
- Incorporate findings into closure plan.
 - -5 year renewal benefit

