

3

June 6, 1986

TO: File

FROM: Tom Munson *TM*

RE: Drainage Modifications, Tipple Yard Area, Plateau Mining Company, Star Point Mine, ACT/007/006, Carbon County.

After the initial review, the following questions about the plan remain in question and need to be addressed by the applicant:

1. How will the drainage area associated with culvert A-3 be routed to this culvert inlet? It should be shown on Plate 1.
2. The drainage area associated with culvert A-5 is not accurately depicted by subbasin boundary lines and must be changed to be accurate on this plate.
3. The applicant must show a drawing of, as well as include, a cutoff wall for the inlet to culvert A-6.
4. A description on how culverts A-6, A-7, B-4 and B-5 will be installed. These steep slopes will need to be provided by the applicant (i.e., buried, thrust blocks, etc.).
5. The applicant has not presented any cross-sections or detailed information on the catch basin prior to the inlet to B-4, as well as the proposed catch basin between culverts B-4 and B-5.
6. The Division would like a copy of the time of concentration formula reference to assess the validity of this method and cross-check the input parameters used.
  - (a) The applicant has not provided the length of overland flow (feet) for each subbasin and how this was calculated, as well as how the travel time in the ditches was calculated.

djh

Copy: Wayne Hedberg  
John Whitehead

9486R-16