

INCOMING
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From: Mark Reynolds <mreynolds@etv.net>
To: Jim Smith <jimsmith@utah.gov>
Date: 10/2/2006 12:14:52 PM
Subject: Re: snow storage

Jim,

I have gone over the deficiencies in your email, but I cant find an official hard copy, could you please email me the most updated TA.

I will change the statement to say that if the areas become full the snow will be transported to the entrances of Sediments Ponds A, B, or C depending on the volume of the snow and the volume of water in the ponds. I agree with you that visual inspections should be used to determine if the capacity of the storage areas is close to being exceeded. There were many assumption used in the calculations and also because of physical constraints the areas can not be large then what is shown without major construction. Basically the idea is that we will use these areas to store snow until they are full, and then we will take care of it in a approved manner.

For "BTCA H Area 2" Pete and I looked at "catch basin 2" and based on visual inspection it seemed large enough to hold the run-off. A survey of the pond confirmed this. The next submittal will show this drainage reporting to the catch basin with ditches established to ensure the flow goes into the belt tunnel instead of the stream bed. The submittal will also include the capacity of "catch basin 2" based on our survey to show that it does have the capacity to treat the water.

In regards to the ditch and culvert calculations I checked culvert C-34U and although AU-23 was not listed as a source, the flow from AU-23 was included in the amount shown. Also most of your statements about errors resulting in culvert and ditch designs being larger then required were correct. However, I found additional errors that we both missed, and Charles has decided to combine culverts C-31U and C-32U which created minor changes. I am attaching a spreadsheet with flow diagrams and flow volumes. I have reviewed the diagrams twice and they have also been reviewed by Charles and Miles. I would appreciate it if you could review it also. If you agree that the flow diagram is correct I will use the numbers in the next submittal.

Jim Smith wrote:

- > Mark,
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- > Pete and I have been discussing your statement in the snow storage amendment:
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- > *In the event that any one of the areas reaches 90% of its design capacity C. W. Mining will hire a contractor to haul the snow from the area and dispose of it.*
- >
- > In addition to the deficiencies you recently received, you need to clarify this statement as to how and where the snow will be disposed of. Pete discussed this with you during the inspection yesterday.
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- > NOV's have been issued to other Permittees (e.g., White Oak and PacifiCorp) for disposal of snow off the permit area. That may sound strange at first, but snow is no different from the other water on your permit area; it is subject to the same rules and needs to be treated in the same manner: it must meet the same water-quality (and if necessary - treatment) criteria before being discharged (or hauled) from the

permit area (R645-301-751).

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> James D. SMITH

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