

0004

Document Information Form

Mine Number: C/015/002

File Name: Internal

To: DOGM

From:

Person N/A

Company J.B Kink Mine

Date Sent: N/A

Explanation:

Comments of Monthly Monitoring with Sediment
Pond(s)

cc:

File in:
C/015, 002, Internal

Refer to:

- Confidential
- Shelf
- Expandable

Date _____ For additional information

Comments: DWJ

Look at Plan before sending off letter?

(1) J.B. King (water monitoring plan) Dog Valley Monthly monitoring of Sediment Ponds discharge commits to: volume, pH, total iron, total m.n., and suspended solids. (What parameters are required by the EPA-NPDES permit?) And what frequency is outlined by the permit? If the parameters ^{+ frequencies} outlined in the permit are acceptable to the Division, then a ^{carbon} copy of the ^{NPDES} monitoring data may suffice ~~for~~ ^{for} sediment pond discharge. ~~is concerned.~~

(2) What monitoring program will be initiated on the ephemeral drainage in which the mine operation is located? Will need to define baseline conditions, seasonal variation, low & high flow correlated with quality analyses. (Suggest 12 months of baseline data, enough to delineate conditions stated above)

Note: may utilize data from adjacent areas to ~~strengthen~~ ^{strengthen} or support your data & assumptions, if available.

(3) As stated in the G-W monitoring section "all water tables are located below the "I" seam". ^{6W monitoring no is required.} How far below the seam? The operator is required to ~~delineate~~ ^{describe} ~~identify~~ (??) all aquifers encountered in the mining of coal "down to & including the 1st aquifer below the mineable coal seam. (vnc 783.14(a) 783.15)

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DOG VALLEY MINE

Sediment Disposal Plan

Sediment ponds will be cleaned when sediment volume accumulates to 60% of the required volume. The required volume is 6.20 Acre-feet. Cleanout volume is then $6.20 \times .60 = 3.7$ A-f.

Sediment removed from the pond is used to cover coal refuse, or sediment will be stockpiled as top soil. ? Analyze first

Revegetation Plan

On disturbed land that is no longer required for mining activity, topsoil shall be placed and a diverse permanent vegetative plant cover will be established. The operator will work with the local soil conservation service or other appropriate agencies to determine a beneficial vegetative cover.

Submit species?
also rates. mulch?
fert? trial plots?

Topsoil Plan

Any topsoil removed shall be separately stockpiled and protected from erosion and contaminants. The stockpile area will be located so as to direct runoff into the sediment pond. The topsoil area will be designated by signs, and protected by establishing a vegetative cover. Analysis? Location on map?

Water Monitoring Program

Adequate?
↓

Water discharging from the sediment pond(s) will be sampled once a month for volume, pH, total iron, total manganese, and suspended solids. Analysis will be forwarded to the proper agencies within 60 days of sample collection, unless permit conditions are exceeded in which case the agency will be immediately notified.

Ground water monitoring is not required for the present mining situation. The "I" seam is located in a plateau, exposed on all sides. All water tables are located below the seam, as evidenced by never encountering ground water in any of the 50 plus exploration holes penetrating the seam.

Are there any stream represented in the area?

DATE SUBMITTED ?? 3/6/79