

0016

outgoing
06/09/06

From: Dana Dean
To: Dennis Ware
Date: 6/9/2006 12:33:21 PM
Subject: Raw Water Pond

Dennis,

As far as I can tell, the raw water pond was built pre-SMCRA and no as-builts or design information are contained in the plan (except one as-built drawing). I am a little worried that we can't find any quarterly inspections, original certifications, etc. but I think we may get by without those since we have a current certification. I do need the following in order to complete my review:

- 1) Rich needs to properly sign and date his PE stamp on the information he already provided, and any other information he provides, according to the DOPL rules
- 2) You need to show that the pond is designed with a minimum static safety factor of 1.3 for a normal pool with steady-state seepage saturation conditions
- 3) Describe how the the quality of impounded water will be suitable on a permanent basis for its intended use
- 4) Describe how the water level will be sufficiently stable and be capable of supporting the intended use
- 5) Describe how final grading provides for adequate safety and access for proposed water users
- 6) Describe how the impoundment will not result in the diminution of the quality and quantity of water utilized by adjacent or surrounding landowners for agricultural, industrial, recreational or domestic uses
- 7) Describe how the impoundment will be suitable for the approved postmining land use.

Please let me know if you have any questions.

Thanks,
Dana

CC: Pam Grubaugh-Littig; Wayne Western

