

Hannah Elliott



From: Adam <adamski1@centurylink.net>
Sent: Wednesday, August 18, 2021 2:13 PM
To: Plan
Subject: Comprehensive Plan Amendment and Conditional Use Request record number 217-21-000436-PLNGA
Attachments: Dewatering Questions.pdf; IMG_3583 zednik.jpg; IMG_3580 zednik.jpg; IMG_3581zednik.jpg; DSCN9724.JPG; DSCN9725.JPG; DSCN9728.JPG; DSCN9729.JPG; DSCN9732.JPG; DSCN9733.JPG; DSCN9734.JPG

Attached are dewatering questions for Knife River. The first six photos were taken on Friday, August 18, 2021 at about 2:30 PM. This was happening about the same time everyday that week. I made a call to Knife River on Friday and they got the water truck applying water that afternoon. The last three photos are from Bryan Zednik that were taken on 7/29/21 at 4:12 PM. The wind speed is shown on the last picture. There is work to be done in the future for dust mitigation both at the Woodward Pit and the proposed Vanier site.

Thank you,
Adam and Karen Mikulski
Sent from [Mail](#) for Windows

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Adam and Karen Mikulski
3992 NW Stahancyk Ln., Prineville, OR 97754

8/18/2021

Comprehensive Plan Amendment and Conditional Use Request
Record number 217-21-000436-PLNG

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The following questions are in addition to our prior testimony submitted on 7/21/2021.

Questions for Knife River addressing concerns of water quality and quantity during mining and reclamation of mining cells:

Recharge pits will have manufactured gravel and sand placed in them after the existing gravel and sand has been removed.

1. Will this provide the same quality of water filtration that was in place prior to mining?
2. Will the pits be tested for contaminants on a regular basis to see if mining operations are contributing contaminants to the water that is being pumped into the pits during the dewatering process of the mining cell?
3. Will the recharge pits remain in place as part of the reclamation process?

Reclamation involves placing the existing overburden and topsoil back over the mined site where the sand and gravel had been removed. There will not be enough overburden and topsoil to bring the site back up to the pre-existing grade level. The removed sand and gravel along with the overburden and topsoil aided in the filtration of fertilizer and other contaminants that might have tried to enter the groundwater table. This will account for far less filtration material for the groundwater.

1. Will there be foreign material brought in from somewhere else to bring the property up to its' pre-existing grade level?
2. If so, what type of material and from where?
3. Will it be tested for contaminants prior to being used as fill?
4. Will the amount of overburden and topsoil provide sufficient filtration for the groundwater?
5. Reclaimed land will need an abundant amount of fertilizer to be applied in order to make the farmland productive after mining. Will there be enough filtration available to keep the applied fertilizers and contaminants from reaching the ground water?
6. Sand and gravel are not as dense as overburden and topsoil. Will the groundwater flow through the overburden or around it?
7. If so, how will this affect shallow wells in the immediate area?
8. Will the recharge to wells be affected?

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