Message

**From**: Barrios, Juan D [Juan.D.Barrios@wv.gov]
**Sent**: 6/4/2018 5:20:35 PM
**To**: Jason.S.McDougal_wv.gov [Jason.S.McDougal@wv.gov]; Bleiler, Justin [Bleiler.Justin@epa.gov]
**Subject**: RE: Needleseye

Jake,

Yes, EPA's team and I looked the water fall from mine #2.

Juan de Dios

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**From:** McDougal, Jason S
**Sent:** Monday, June 4, 2018 1:15 PM
**To:** Barrios, Juan D <Juan.D.Barrios@wv.gov>; Bleiler, Justin <Bleiler.Justin@epa.gov>
**Subject:** RE: Needleseye

OK. With Justin?

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**From:** Barrios, Juan D
**Sent:** Monday, June 4, 2018 1:14 PM
**To:** McDougal, Jason S <Jason.S.McDougal@wv.gov>; Bleiler, Justin <Bleiler.Justin@epa.gov>
**Subject:** RE: Needleseye

Jake,

We talked about taking samples before the water fall and after the water fall of that specific site.

Regards,

Juan de Dios

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**From:** McDougal, Jason S
**Sent:** Monday, June 4, 2018 1:12 PM
**To:** Barrios, Juan D <Juan.D.Barrios@wv.gov>; Bleiler, Justin <Bleiler.Justin@epa.gov>
**Subject:** RE: Needleseye

Juan,
I don't think that is on EPA radar. It is an AML issue right now.
Jake

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**From:** Barrios, Juan D
**Sent:** Monday, June 4, 2018 1:04 PM
**To:** Bleiler, Justin <Bleiler.Justin@epa.gov>
**Cc:** McDougal, Jason S <Jason.S.McDougal@wv.gov>
**Subject:** RE: Needleseye

Justin,

The house with the water coming from the side of the hill. I think the site was named mine #2 or Moe's house.

Regards,

**Juan de Dios Barrios, Ph.D., GISP.**
Technical Analyst Associate
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Division Land Restoration
601 57th Street, SE
Charleston, WV 25304
(304) 926-0499, Ext. 1267
E-mail: juan.d.barrios@wv.gov

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**From:** Bleiler, Justin <Bleiler.Justin@epa.gov>
**Sent:** Monday, June 4, 2018 1:00 PM
**To:** Barrios, Juan D <Juan.D.Barrios@wv.gov>
**Cc:** McDougal, Jason S <Jason.S.McDougal@wv.gov>
**Subject:** RE: Needleseye

Juan,

What do you mean by "the house with the mudslide?" I will work on answering your other questions.

Thanks,

Justin Bleiler
Site Assessment Manager, HSCD
Environmental Protection Agency, Region 3
1650 Arch St., 3HS12
Philadelphia, PA 19103
215-814-3308
bleiler.justin@epa.gov

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**From:** Barrios, Juan D [mailto:Juan.D.Barrios@wv.gov]
**Sent:** Monday, June 04, 2018 12:44 PM
**To:** Bleiler, Justin <Bleiler.Justin@epa.gov>
**Cc:** Jason.S.McDougal_wv.gov <Jason.S.McDougal@wv.gov>
**Subject:** RE: Needleseye

Hi Justin,

Last Thursday a manager for AML and I went for a site inspection in Minden. We found two portals on the Berwyn Land Co property. We have marked the locations for two sediments samples (total 4 possible samples). Also, we visited the house with the mudslide. How do you want the locations identified for you – latitude & longitude or shapefile?

Regarding Needles eye I have two basic questions:

1. How many samples do you plan to take? and
2. How do you plan to sample?

The Needles Eye location is approximately 3.5 acres. I suggest the use of the LiDAR for feature extraction, for the other area of Needles Eye to use a grid or randomly generated locations, kind of a hybrid model.

I have most of the work done for the sample location, please let me know what you want me to do.

Regards,

**Juan de Dios Barrios, Ph.D., GISP.**
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(304) 926-0499, Ext. 1267
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**From:** Bleiler, Justin <Bleiler.Justin@epa.gov>
**Sent:** Monday, June 4, 2018 11:58 AM
**To:** Barrios, Juan D <Juan.D.Barrios@wv.gov>
**Cc:** McDougal, Jason S <Jason.S.McDougal@wv.gov>
**Subject:** Needleseye

Hi Juan,

I hope you've been well. Have you had the chance to talk to the AML program and nail down the locations of the Needleseye mine portals?

Thanks,

Justin Bleiler
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