

Johnson, Bill H (DNR)

From: Peter J. Hinck <[REDACTED]>
Sent: Tuesday, August 07, 2012 6:35 PM
To: 'Fred Marinelli'; Cory D. Anderson; Tina Pint
Cc: Carlson, Erik (DNR); David Blaha; Melinda Todorov; Al Trippel; Paul Haby; Jim Scott ([REDACTED])
Subject: RE: CVs
Attachments: NorthMet Mine Site CVs.pdf

Fred and Paul,

Please review the attached set of marked-up flowcharts for the Mine Site control volumes. These are:

1. Category 1 stockpile (delivered)
2. West Pit (delivered)
3. WWTF
4. East Pit upper porewater
5. West Pit surficial flowpath
6. Partridge River from SW-003 to SW-004a

Please confirm that this set of control volumes and associated calculation points meets your understanding based on our conversation this afternoon. It is my understanding that this set likely represents the full suite of control volumes that will be set up for this phase of the Task 2 QA.

Thanks,
Peter

Peter J. Hinck, PE

Water Resources Engineer

Minneapolis office: [REDACTED]

cell: [REDACTED]
[REDACTED]

www.barr.com



From: Fred Marinelli [[mailto:\[REDACTED\]](mailto:[REDACTED])]
Sent: Monday, August 06, 2012 3:24 PM
To: Peter J. Hinck; Cory D. Anderson; Tina Pint
Cc: Carlson, Erik (DNR); David Blaha; Melinda Todorov; Al Trippel; Paul Haby; Fred Marinelli
Subject: CVs

Cory and Peter,

The Agencies and ERM asked me to put together figures showing all the CVs that can be defined for the Mine and Plant Sites. These are shown in the attached pdf with annotations. Discussions are required to prioritize the CVs and determine which ones will be set up for the current (first) phase of Task 2 QA.

Regards,

Fred

--

Fred Marinelli

Senior Groundwater Hydrologist

Interralogic, Inc.

4715 Innovation Dr., Ste. 110

Fort Collins, CO 80525

Phone: [REDACTED]

E-mail: [REDACTED]

Website: www.interralogic.com