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**From:** Ostritchenko, Dmitri  
**Sent:** Tuesday, June 25, 2013 12:42 PM  
**To:** lindsey wingerak; Davis Kelly  
**Cc:** Wiebe, Laura; Luke Moger  
**Subject:** Filter/Transition testing  
**Attachments:** 2013 filter(June 25).xlsx

Lindsey,

Please review the email below. The transition sample one again does not make sense. Attached please find and **utilize** the updated Filter/Transition excel sheet.

The following is the complete procedure for transition sampling/tests

Collect 2 buckets of REPRESENTATIVE sample

Split the sample down to about 22 kg wet

Weigh the pans separately and record the tare weights of individual pans, but when inputting the results into the excel sheet combine the weights into one field

Weight the wet sample individually and combine the weights in the excel sheet

Put the samples in the oven overnight

Remove the samples and let it cool to room temperature at minimum

Weigh the dry samples individually and combine the weights in the excel sheet

The combined dry sample needs to weigh at **minimum 20 kg**

Place both samples into the Gilson shaker, will all the same sieves as for the filter but adding a 2" and 1.5" sieve.

Make sure the sieves are clean on previous sample before starting the test and the sieves need to be clean after the sieve.

**If more than 0.3% of the sample is lost or gained a new sample needs to be collected and re-processed.**

For the fines testing (for both transition and filter material)

The overall sample size should be between **500 g to 700 g max** for this test. The sample needs to be split until the proper weight is achieved.

Utilizing too large of a sample overloads the screens.

**If more than 0.3% of the sample is lost or gained a secondary split sample can be rerun if kept or a new sample needs to be collected and re-processed from scratch.**

Please find attached and to be **utilized** updated Compaction testing excel sheet. I have increased the maximum dry density to reflect the latest laboratory results. Please review the second last moisture test there as well as the dry and wet weights look the same. Does not make sense.

Let know if you have any questions.

**Dmitri Ostritchenko, EIT**

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**From:** Ostritchenko, Dmitri  
**Sent:** June-20-13 11:42 AM

**To:** 'lindsey wingerak'; 'Davis Kelly'  
**Cc:** Wiebe, Laura  
**Subject:** RE: June.19 Daily Report

Lindsay,

For the transition sieve, it appears that a lot of the sample was lost, but it might also be because we don't have anything for the 2' sieve.

Please double check the values I have attached the updated sheet for you to utilize.  
The small sieve does not require to be so large it only has to be 500 g dry... but the full sample has to be at minimum 20kg dry...

The split sample (fine sieve) for filter can also be reduced to a dry weight of 500 g this will help with sample retention and not overload the sieves.

It looks like another sample will have to be collected, as too much of the sample was lost.

Also SI12-01 needs to be re-run as there is too much noise, please take your time and care doing those readings, and utilize the top of the marks with top of casing as the reference marks for the data collection. (see attached)

Let me know if you have any questions,

thanks

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**From:** lindsey wingerak  
**Sent:** June-19-13 6:04 PM  
**To:** Ostritchenko, Dmitri; Wiebe, Laura  
**Subject:** June.19 Daily Report

Hello,

Dmitri, I have put the transition results into the Filter excel sheet. I have put both the Tray weight, and Wet weight + tray for both of the two trays next to each other in the columns. The numbers underneath are from both the sample combined.

Hope that works okay.

Thanks,

Lindsey Wingerak