Filtration Test completed on Lakos Separator Model: eHTX-0140-V

The filter assembly was installed with test components defined as follows:

1) 3” turbine-type flow meter
2) 20 micron disc filter assembly
3) 4” pipe spool with sand-injection pump
4) Separator under test
5) 4” pipe spool
6) 20 micron disc filter assembly

Test Conditions: 300 US gpm, 12.8 psi loss

Media Sample	45-75 micron: 75 grams Media: Quartz, specific gravity: 2.6, Silicon Dioxide by Powder Technology Inc
Media Recovery	From downstream filters: 1.8 grams
Filter Efficiency	73.2 / 75.0 = 97.6%

Test Date: December 12, 2012

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