

Filtration Test completed on Lakos Separator Model: eHTX-0320

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

- 1) 12" venturi-type flow meter
- 2) 55 micron disc filter assembly
- 3) 6" pipe spool with sand-injection pump
- 4) Separator under test
- 5) 6" pipe spool
- 6) 20 micron disc filter assembly

Test Conditions: 750 US gpm, 15.2 psi loss

<b>Media Sample</b>	45-75 micron: 200 grams  Media: Quartz, specific gravity: 2.6, Silicon Dioxide by Powder Technology Inc
<b>Media Recovery</b>	From downstream filters: 9.8 grams
<b>Filter Efficiency</b>	$190.2 / 200.0 = 95.1\%$

Test Date: December 4, 2013



Joe C. Oliphant  
Hydraulics Lab Manager