

Filtration Test completed on Lakos Separator Model: eJPX-0195-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

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

Test Date: December 12, 2012



Joe C. Oliphant  
Hydraulics Lab Manager