INTER BASIC RESOURCES INC.

IBR®

TEST REPORT

Performed for: Shawndra Location: Lima NY Contact: G Hunsinger
IBR JN:6934
Date: 1/116/04

Test Method:Aerosol efficiency per IBR TM E305
Fluid: Air
Flow Rate: As noted, Run at Gross DP of 2" H2O
Instrumentation:PMS LASAIR 110
Temperature:Ambient
Contaminant: Oil aerosol, RC-744F
Description of Samples: Filter elements, pleated, approx. 12" x 6" x2"
Date Received: 11/19/03 Sample Source: Shawndra

	Flow		Particles/ft3 at:(in microns)				
Sample	**SCFM**	**Port**	**0.1-0.15**	**0.15-0.2**	**0.2-0.25**	**0.25-0.3**	**0.3-0.5**
3299947-926	75.6	Upstream	75080	71616	45012	30092	31887
		Downstream	11518	10230	6184	3991	3986
		Efficiency	**84.7**	**85.7**	**86.3**	**86.7**	**87.5**
3299947-929	77.2	Upstream	65093	64962	41390	28165	30293
		Downstream	8008	6283	3617	2381	2421
		Efficiency	**87.7**	**90.3**	**91.3**	**91.5**	**92.0**
3299947-907	41.0	Upstream	62655	62536	38895	26501	28650
		Downstream	6565	5058	2329	1046	585
		Efficiency	**89.5**	**91.9**	**94.0**	**96.1**	**98.0**

	Flow		Particles/ft3 at:(in microns)							
Sample	**SCFM**	**Port**	**0.3-0.5**	**0.5-0.7**	**0.7-1**	**1-2**	**2-3**	**3-4**	**4-5**	**>5**
3299947-926	75.6	Upstream	508295	259990	124222	30994	22023	14975	8674	5614
		Downstream	62103	28489	9110	1569	673	372	191	89
		Efficiency	**87.8**	**89.0**	**92.7**	**94.9**	**96.9**	**97.5**	**97.8**	**98.4**
3299947-929	77.2	Upstream	502912	260585	128083	32469	23068	16100	9270	6084
		Downstream	39214	18041	6418	1285	764	384	181	58
		Efficiency	**92.2**	**93.1**	**95.0**	**96.0**	**96.7**	**97.6**	**98.0**	**99.0**
3299947-907	41.0	Upstream	503548	257884	128129	31970	22883	15446	9128	6105
		Downstream	23317	6416	1361	221	127	52	12	3
		Efficiency	**95.4**	**97.5**	**98.9**	**99.3**	**99.4**	**99.7**	**99.9**	**>99.9**