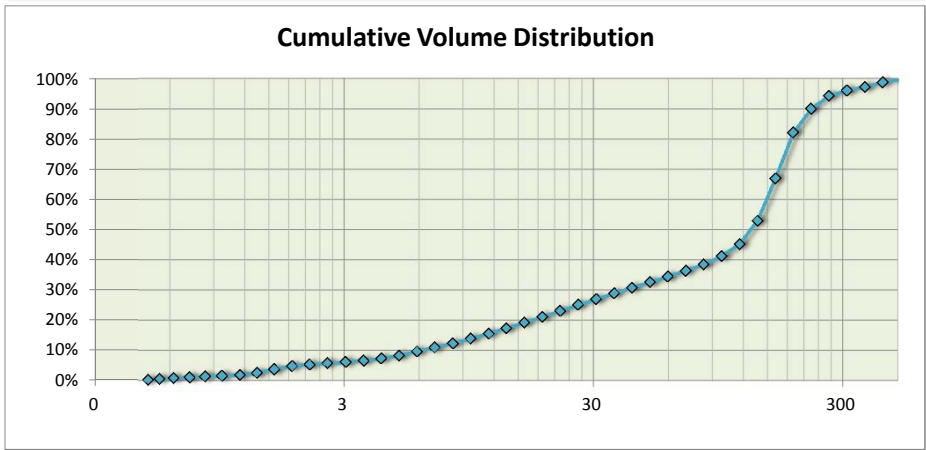
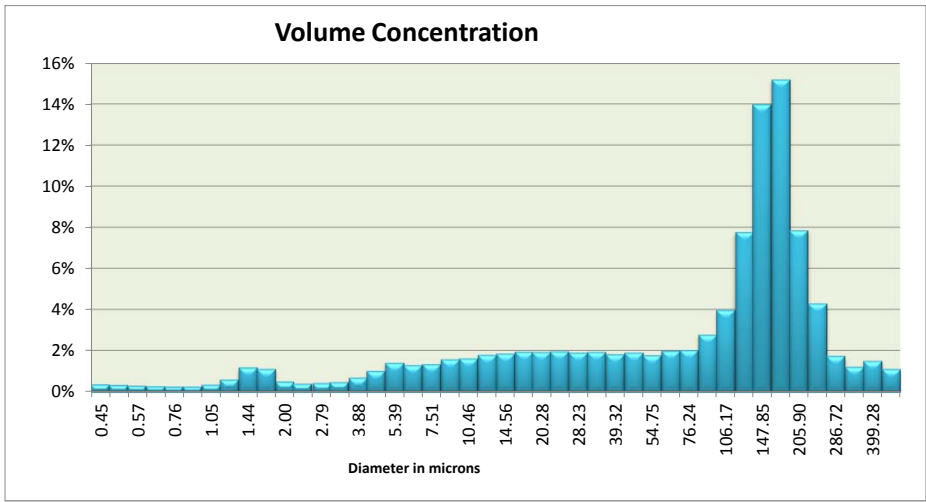


LISST-Portable|XR Size Distribution Report

Sample Number to Display:	1
Operator:	Ole
Sample Notes:	ISO
SOP Name:	AZ
SOP Note:	Dust



Median Size (microns)	Volume Conc (%)	Cumulative Volume
0.45	0%	0.36%
0.50	0%	0.69%
0.57	0%	0.98%
0.66	0%	1.25%
0.76	0%	1.49%
0.89	0%	1.75%
1.05	0%	2.08%
1.23	1%	2.68%
1.44	1%	3.87%
1.70	1%	4.97%
2.00	0%	5.46%
2.36	0%	5.85%
2.79	0%	6.27%
3.29	0%	6.74%
3.88	1%	7.42%
4.57	1%	8.43%
5.39	1%	9.83%
6.36	1%	11.13%
7.51	1%	12.46%
8.86	2%	14.04%
10.46	2%	15.67%
12.34	2%	17.47%
14.56	2%	19.33%
17.18	2%	21.28%
20.28	2%	23.23%
23.93	2%	25.19%
28.23	2%	27.10%
33.32	2%	29.03%
39.32	2%	30.85%
46.40	2%	32.76%
54.75	2%	34.54%
64.61	2%	36.54%
76.24	2%	38.56%
89.97	3%	41.34%
106.17	4%	45.31%
125.29	8%	53.09%
147.85	14%	67.09%
174.48	15%	82.29%
205.90	8%	90.15%
242.97	4%	94.44%
286.72	2%	96.18%
338.35	1%	97.40%
399.28	1%	98.90%
471.18	1%	100.00%

Computed Statistics		
Process Date	11/7/2002	(MM/DD/YYYY)
Process Time	14:28:59	(HH:MM:SS)
Optical Transmission	81%	
Total Volume Conc	663.17	µl/l
Total Mass Conc	1757.41	mg/l
Mean Size	60.51	microns
Standard Deviation	109.33	microns
Optical Model	Quartz #B	
Index of Refraction	[1.540-0.100i]	
Effective Density	2.65	g/cm ³
Mixer Speed	0	%
Mixer Duration	30	sec
Ultrasonic Power	100	%
Ultrasonic Duration	20	g/cm ³
Average Duration	20	sec
Sample Prep Control	Automatic	

Computed Statistics		
D5	1.81	microns
D10	5.85	microns
D16	11.44	microns
D25	24.98	microns
D50	124.48	microns
D60	144.28	microns
D75	171.02	microns
D84	191.94	microns
D90	217.82	microns
D95	271.95	microns
D60/D10	24.68	
Surface Area	906.24	cm ²
Silt Ratio	0.00	
Silt Volume	2.36	µl/l

Analysis performed using laser diffraction techniques as described in AWWA Standard No. 2560D and ISO-13320-1. Instrumentation calibrated using NIST traceable standard particles.



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Additional Sample Notes: