TABLE A-1:
SUMMARY OF CONCENTRATIONS FOUND IN SAND

			Concentrations of Chrysotile Structures				Concentrations of Amphibole Structures				Concentrations of Total Asbestos Structures			
	Sample Number	Analytical Sensitivity[a]	Total Protocol Structures	Fraction Long (>10 um)	7402 Structures > 5 um in length	Total Counted Structures	Total Protocol Structures	Fraction Long (>10 um)	7402 Structures > 5 um in length	Total Counted Structures	Total Protocol Structures	Fraction Long (>10 um)	7402 Structures > 5 um in length	Total Counted Structures
		(s/cc)	(s/cc)	(%)	(s/cc)	(s/cc)	(s/cc)	(%)	(s/cc)	(s/cc)	(s/cc)	(%)	(s/cc)	(s/cc)
	Area: Waukegan Harbor													
	WH-01A	1.0E+06					1.0E+06	100%	1.0E+06	1.0E+06	1.0E+06	100%	1.0E+06	1.0E+06
	WH-02A	9.7E+05	1.9E+06	100%		1.9E+06					1.9E+06	100%		1.9E+06
	WH-03A	9.8E+05	4.9E+06	80%	3.0E+06	6.9E+06	3.0E+06	100%	9.8E+05	3.0E+06	7.9E+06	88%	3.9E+06	8.9E+06
	WH-04A	9.4E+05	4.7E+06	100%	9.4E+05	4.7E+06	9.4E+05	100%	9.4E+05	9.4E+05	5.6E+06	100%	1.9E+06	5.6E+06
	WH-05A	9.6E+05	9.6E+05	100%		9.6E+05	9.6E+05	100%	9.6E+05	9.6E+05	1.9E+06	100%	9.6E+05	1.9E+06
	WH-06A	9.7E+05	3.9E+06	100%		3.9E+06					3.9E+06	100%		3.9E+06
	WH-07A	9.9E+05	2.1E+07	76%	1.1E+07	2.1E+07	4.0E+06	50%	2.0E+06	4.0E+06	2.5E+07	72%	1.3E+07	2.5E+07
	WH-08A	1.0E+06	2.0E+06	100%	2.0E+06	2.0E+06	2.0E+06	100%		2.0E+06	4.0E+06	100%	2.0E+06	4.0E+06
	WH-09A	9.9E+05	9.9E+05	100%	2.0E+06	2.0E+06	5.0E+06	100%	4.0E+06	7.0E+06	6.0E+06	100%	6.0E+06	9.0E+06
	WH-10A	9.7E+05	6.8E+06	67%	3.9E+06	6.8E+06					6.8E+06	57%	3.9E+06	6.8E+06
	WH-11A	9.9E+05	2.0E+06	100%	9.9E+05	2.0E+06	9.9E+05	100%	2.0E+06	2.0E+06	3.0E+06	100%	3.0E+06	4.0E+06
	WH-12A	9.7E+05	1.9E+06	100%		1.9E+06	9.7E+05	100%		9.7E+05	2.9E+06	100%		2.9E+06
	Area: Illinois Beach State Park South Unit													
NC	IBSP-01S	9.7E+05												0.0E+00
	IBSP-02S	9.9E+05												0.0E+00
NC	IBSP-03S	9.9E+05												0.0E+00
	IBSP-04S	9.7E+05	9.7E+05	0%		9.7E+05	9.7E+05	0%	2.9E+06	2.9E+06	1.9E+06	0%	2.9E+06	3.9E+06
NC	IBSP-05S	9.8E+05												0.0E+00
NC	IBSP-06S	9.9E+05												0.0E+00
NC	IBSP-07S	1.0E+06												0.0E+00
NC	IBSP-08S	9.8E+05												0.0E+00
NC	IBSP-09S	1.0E+06												0.0E+00
NC	IBSP-10S	9.9E+05												0.0E+00
NC	IBSP-11S	9.8E+05												0.0E+00
NC	IBSP-12S	9.8E+05												0.0E+00
	Area: Illinois Beach State Park North Unit													
	IBSP-17A	9.9E+05					2.0E+06	50%	2.0E+06	2.0E+06	2.0E+06	50%	2.0E+06	2.0E+06
	IBSP-18A	9.3E+05	1.9E+06	100%		1.9E+06					1.9E+06	100%		1.9E+06
	IBSP-19A	9.8E+05												0.0E+00
	IBSP-20A	1.0E+06	1.0E+06	100%	1.0E+06	1.0E+06					1.0E+06	100%	1.0E+06	1.0E+06
	IBSP-21A	9.8E+05	9.8E+05	100%		9.8E+05					9.8E+05	100%		9.8E+05
	IBSP-22A	9.8E+05	9.8E+05	100%	9.8E+05	9.8E+05	3.9E+06	25%	3.9E+06	4.9E+06	4.9E+06	40%	4.9E+06	5.9E+06
	IBSP-23A	9.9E+05												0.0E+00
	IBSP-24A	9.9E+05												0.0E+00
NC	IBSP-13S	1.0E+06												0.0E+00
NC	IBSP-14S	9.9E+05												0.0E+00
	IBSP-15S	9.8E+05					9.8E+05	100%	2.0E+06	2.0E+06	9.8E+05	100%	2.0E+06	2.0E+06
	IBSP-16S	9.8E+05					9.8E+05	0%	9.8E+05	9.8E+05	9.8E+05	0%	9.8E+05	9.8E+05
	Area: Highland Park Beach													
NC	HPB-01A	9.8E+05												0.0E+00
NC	HPB-02A	9.9E+05												0.0E+00
NC	HPB-03A	9.9E+05												0.0E+00
	HPB-04A	9.7E+05			9.7E+05	9.7E+05							9.7E+05	9.7E+05
NC	HPB-05A	9.8E+05												0.0E+00
NC	HPB-06A	1.0E+06												0.0E+00
NC	HPB-07A	9.9E+05												0.0E+00
NC	HPB-08A	9.9E+05												0.0E+00
NC	HPB-09A	9.8E+05												0.0E+00
NC	HPB-10A	9.8E+05												0.0E+00
NC	HPB-11A	1.0E+06												0.0E+00
NC	HPB-12A	9.9E+05												0.0E+00
	Area: Grant Park Beach, South Milwaukee													
NC	GPB-01A	1.0E+06												0.0E+00
NC	GPB-02A	1.0E+06												0.0E+00
	GPB-03A	9.7E+05	9.7E+05	100%		9.7E+05					9.7E+05	100%		9.7E+05
NC	GPB-04A	9.8E+05												0.0E+00
NC	GPB-05A	9.9E+05												0.0E+00
NC	GPB-06A	9.7E+05												0.0E+00
NC	GPB-07A	9.8E+05												0.0E+00
NC	GPB-08A	9.9E+05												0.0E+00
NC	GPB-09A	1.0E+06												0.0E+00
	GPB-10A	9.6E+05							9.6E+05	9.6E+05			9.6E+05	9.6E+05
NC	GPB-11A	1.0E+06												0.0E+00
NC	GPB-12A	9.8E+05												0.0E+00
	Area: Oak Street Beach, Chicago													
	OSB-01A	1.0E+06	4.0E+06	80%	4.0E+06	5.0E+06	1.7E+07	24%	1.5E+07	1.9E+07	2.1E+07	29%	1.9E+07	2.4E+07
	OSB-02A	9.8E+05	9.8E+05	0%		9.8E+05	9.8E+06	10%	5.9E+06	1.2E+07	1.1E+07	9%	6.9E+06	1.3E+07
	OSB-03A	9.9E+05	3.0E+06	67%	2.0E+06	4.0E+06	1.6E+07	25%	3.0E+07	3.8E+07	1.9E+07	32%	3.2E+07	4.2E+07
	OSB-04A	1.0E+06					1.1E+07	0%	9.0E+06	1.2E+07	1.1E+07	0%	9.0E+06	1.2E+07
NC	OSB-05A	9.8E+05												0.0E+00
	OSB-06A	9.8E+05	9.8E+05	100%		9.8E+05	2.9E+06	33%	2.9E+06	3.9E+06	3.9E+06	50%	2.9E+06	4.9E+06
	OSB-07A	9.8E+05					2.9E+06	33%	9.8E+05	2.9E+06	2.9E+06	33%	9.8E+05	2.9E+06
	OSB-08A	9.8E+05	9.8E+05	0%		9.8E+05	2.0E+06	50%	2.0E+06	2.9E+06	2.9E+06	33%	2.0E+06	3.9E+06
	OSB-09A	9.8E+05	9.8E+05	100%	2.0E+06	2.0E+06	2.0E+06	100%	2.0E+06	2.9E+06	2.9E+06	100%	3.9E+06	4.9E+06
	OSB-10A	1.0E+06	1.0E+06	100%	1.0E+06	1.0E+06					1.0E+06	100%	1.0E+06	1.0E+06
	OSB-11A	9.9E+05							9.9E+05	9.9E+05			9.9E+05	9.9E+05
	OSB-12A	9.9E+05					2.0E+06	50%	2.0E+06	2.0E+06	2.0E+06	50%	2.0E+06	2.0E+06
	Area: North Point Marina, IBSP													
	NPM-01A	1.0E+06	1.0E+06	100%		1.0E+06	6.0E+06	40%	4.0E+06	6.0E+06	6.0E+06	50%	4.0E+06	6.0E+06
	NPM-02A	9.7E+05	9.7E+05	0%		9.7E+05	9.7E+05	100%	9.7E+05	9.7E+05	1.9E+06	50%	9.7E+05	1.9E+06
	NPM-03A	9.9E+05	3.9E+06	75%	9.9E+05	3.9E+06	9.9E+05	100%	9.9E+05	9.9E+05	4.9E+06	80%	2.0E+06	4.9E+06
	NPM-04A	9.7E+05			9.7E+05	9.7E+05	9.7E+05	100%	9.7E+05	1.9E+06	9.7E+05	100%	1.9E+06	2.9E+06
NC	NPM-05A	9.8E+05												0.0E+00
	NPM-06A	9.8E+05			9.8E+05	9.8E+05							9.8E+05	9.8E+05
	NPM-07A	9.8E+05	9.8E+05	0%		9.8E+05	9.8E+05	100%	2.0E+06	2.0E+06	2.0E+06	50%	2.0E+06	2.9E+06
NC	NPM-08A	9.8E+05												0.0E+00
	NPM-09A	9.9E+05					2.0E+06	0%	2.0E+06	2.0E+06	2.0E+06	0%	2.0E+06	2.0E+06
	NPM-10A	9.7E+05	9.7E+05	100%		9.7E+05					9.7E+05	100%		9.7E+05
NC	NPM-11A	9.9E+05												0.0E+00
	NPM-12A	9.8E+05					9.8E+05	100%	9.8E+05	9.8E+05	9.8E+05	100%	9.8E+05	9.8E+05

NOTES:

[a] Bolded and italicized values for analytical sensitivities represent approximations based on targeted numbers of grid openings counted rather than actual numbers of grid openings counted. The actual number of grid openings counted for samples with zero asbestos structures observed were not independently verified. In general the difference between estimated and counted numbers of grid openings is small so that the analytical sensitivities for these samples are expected to vary by less than 2%.

NC = None counted

TABLE A-2:
SUMMARY OF STRUCTURE COUNTS AND ASBESTOS TYPES FOUND

			Chrysotile Structures					Amphibole Structures					
	Sample Number	Number G.O.s	Number Total Protocol	Number Long Protocol	Number Total > 5 um in length 7402	Number Long > 5 um in length		Number Total Protocol	Number Long Protocol	Number Total > 5 um in length 7402	Number Long > 5 um in length	Not Amph	Type of Amphibole
	Area: Waukegan Harbor												
	WH-01A	295	0	0	0	0		1	1	1	1	0	A
	WH-02A	283	2	2	0	2		0	0	0	0	0	
	WH-03A	294	5	4	3	6		3	3	1	3	2	A,A,??
	WH-04A	274	5	5	1	5		1	1	1	1	0	A
	WH-05A	282	1	1	0	1		1	1	1	1	0	??
	WH-06A	270	4	4	0	4		0	0	0	0	0	
	WH-07A	258	21	16	11	21		4	2	2	4	0	A,A,A,A
	WH-08A	275	2	2	2	2		2	2	0	2	0	A,A
	WH-09A	285	1	1	2	2		5	5	4	7	4	A,A,A,??,A,A,A
	WH-10A	274	7	4	4	7		0	0	0	0	1	
	WH-11A	272	2	2	1	2		1	1	2	2	3	A,A
	WH-12A	274	2	2	0	2		1	1	0	1	1	A
	Area: Illinois Beach State Park South Unit												
NC	IBSP-01S	285	0	0	0	0		0	0	0	0	1	
	IBSP-02S	290	0	0	0	0		0	0	0	0	5	
NC	IBSP-03S	275	0	0	0	0		0	0	0	0	4	
	IBSP-04S	278	1	0	0	1		1	0	3	3	1	??,??,?? (all probably A)
NC	IBSP-05S	275	0	0	0	0		0	0	0	0	6	
NC	IBSP-06S	305	0	0	0	0		0	0	0	0	5	
NC	IBSP-07S	290	0	0	0	0		0	0	0	0	4	
NC	IBSP-08S	265	0	0	0	0		0	0	0	0	2	
NC	IBSP-09S	265	0	0	0	0		0	0	0	0	1	
NC	IBSP-10S	285	0	0	0	0		0	0	0	0	2	
NC	IBSP-11S	280	0	0	0	0		0	0	0	0	1	
NC	IBSP-12S	280	0	0	0	0		0	0	0	0	1	
	Area: Illinois Beach State Park North Unit												
	IBSP-17A	305	0	0	0	0		2	1	2	2	0	A, A
	IBSP-18A	300	2	2	0	2		0	0	0	0	0	
	IBSP-19A	292	0	0	0	0		0	0	0	0	0	
	IBSP-20A	273	1	1	1	1		0	0	0	0	0	
	IBSP-21A	264	1	1	0	1		0	0	0	0	4	
	IBSP-22A	296	1	1	1	1		4	1	4	5	3	T, T, C, Ac, Ac
	IBSP-23A	310	0	0	0	0		0	0	0	0	0	
	IBSP-24A	297	0	0	0	0		0	0	0	0	2	
NC	IBSP-13S	265	0	0	0	0		0	0	0	0	0	
NC	IBSP-14S	295	0	0	0	0		0	0	0	0	0	
	IBSP-15S	278	0	0	0	0		1	1	2	2	1	A,Ac
	IBSP-16S	292	0	0	0	0		1	0	1	1	0	A
	Area: Highland Park Beach												
NC	HPB-01A	265	0	0	0	0		0	0	0	0	0	
NC	HPB-02A	265	0	0	0	0		0	0	0	0	0	
NC	HPB-03A	285	0	0	0	0		0	0	0	0	0	
	HPB-04A	294	0	0	1	1		0	0	0	0	3	
NC	HPB-05A	265	0	0	0	0		0	0	0	0	0	
NC	HPB-06A	260	0	0	0	0		0	0	0	0	0	
NC	HPB-07A	295	0	0	0	0		0	0	0	0	0	
NC	HPB-08A	270	0	0	0	0		0	0	0	0	1	
NC	HPB-09A	265	0	0	0	0		0	0	0	0	0	
NC	HPB-10A	275	0	0	0	0		0	0	0	0	1	
NC	HPB-11A	290	0	0	0	0		0	0	0	0	2	
NC	HPB-12A	275	0	0	0	0		0	0	0	0	0	
	Area: Grant Park Beach, South Milwaukee												
NC	GPB-01A	280	0	0	0	0		0	0	0	0	0	
NC	GPB-02A	270	0	0	0	0		0	0	0	0	0	
	GPB-03A	288	1	1	0	1		0	0	0	0	3	
NC	GPB-04A	275	0	0	0	0		0	0	0	0	0	
NC	GPB-05A	270	0	0	0	0		0	0	0	0	0	
NC	GPB-06A	295	0	0	0	0		0	0	0	0	6	
NC	GPB-07A	280	0	0	0	0		0	0	0	0	0	
NC	GPB-08A	305	0	0	0	0		0	0	0	0	0	
NC	GPB-09A	265	0	0	0	0		0	0	0	0	2	
	GPB-10A	288	0	0	0	0		0	0	1	1	0	A
NC	GPB-11A	265	0	0	0	0		0	0	0	0	0	
NC	GPB-12A	270	0	0	0	0		0	0	0	0	0	
	Area: Oak Street Beach, Chicago												
	OSB-01A	273	4	2	4	5		17	4	15	19	8	A-8,Ac-4,T-7
	OSB-02A	273	1	0	0	1		10	1	6	12	6	A-2,Ac-7,T-3
	OSB-03A	312	3	2	2	4		16	4	30	38	77	A-17,Ac-10,T-11
	OSB-04A	270	0	0	0	0		11	0	9	12	4	A-3,Ac-6,T-3
NC	OSB-05A	267	0	0	0	0		0	0	0	0	0	
	OSB-06A	271	1	1	0	1		3	1	3	4	1	Ac-4
	OSB-07A	268	0	0	0	0		3	1	1	3	4	A-1,Ac-2
	OSB-08A	272	1	0	0	1		2	1	2	3	0	A-1,Ac-2
	OSB-09A	282	1	1	2	2		2	2	2	3	5	A-1,Ac-2
	OSB-10A	300	1	1	1	1		0	0	0	0	0	
	OSB-11A	287	0	0	0	0		0	0	1	1	4	??
	OSB-12A	292	0	0	0	0		2	1	2	2	8	A-2
	Area: North Point Marina, IBSP												
	NPM-01A	278	1	1	0	1		5	2	4	5	0	A-3,Ac-2
	NPM-02A	289	1	0	0	1		1	1	1	1	0	A
	NPM-03A	271	4	3	1	4		1	1	1	1	3	A
	NPM-04A	274	0	0	1	1		1	1	1	2	0	A-1,Ac-1
NC	NPM-05A	267	0	0	0	0		0	0	0	0	0	
	NPM-06A	267	0	0	1	1		0	0	0	0	0	
	NPM-07A	272	1	0	0	1		1	1	2	2	1	A-2
NC	NPM-08A	275	0	0	0	0		0	0	0	0	0	
	NPM-09A	285	0	0	0	0		2	0	2	2	3	A-2
	NPM-10A	289	1	1	0	1		0	0	0	0	4	
NC	NPM-11A	271	0	0	0	0		0	0	0	0	0	
	NPM-12A	282	0	0	0	0		1	1	1	1	1	Ac

Notes: "NC" means non detected, A means amosite, Ac means actinolite, C means crocidolite, T means tremolite, and ?? means not determined.

Table A-3a (Revised Aeolus, Inc. Table 4) Page 1 of 2

GLCEEH SUMMARY OF DUPLICATE/REPLICATE (QUALITY CONTROL SAMPLE) CHI SQUARE RESULTS

													Chi Square Results (Excluding QA-8, QA-9, QA-10)							
		Sample Number	# of G.O.s	Chrys Number Total Protocol	Number Long Protocol	Number 7402	TOTAL LONG (> 5 um)	Amph Number Total Protocol	Number Long Protocol	Number 7402	TOTAL LONG (> 5 um)	# of Degrees of Freedom	Critical Value	Chrysotile No. of Structures	Test Statistic	Con-sistent?	Amphibole No. of Structures	Test Stat	Con-sistent?
Elutriator Duplicate		WH-9B	291	2	2	3	3	2	2	2	2	2	5.99	7	0.245	YES	16	3.296	YES
		WH-09A	285	1	1	2	2	5	5	4	7								
Existing Grid	WH-9	QA-1	280	1	1	0	2	3	3	4	7								
		QA-9	**290**	**5**	**2**	**2**	**5**	**6**	**3**	**6**	**8**								
Elutriator Duplicate		WH-7B	297	40	32	7	40	4	0	6	6	2	5.99	77	4.652	YES	15	3.467	YES
		WH-07A	258	21	16	11	21	4	2	2	4								
Existing Grid	WH-7	QA-2	106	13	12	4	16	4	3	3	5								
		QA-8	**290**	**67**	**36**	**6**	**69**	**11**	**6**	**9**	**15**								
Elutriator Duplicate		WH-3B	266	13	12	2	13	1	1	1	1	2	5.99	37	9.238	NO	6	0.988	YES
		WH-03A	294	5	4	3	6	3	3	1	3								
Existing Grid	WH-3	QA-3	213	16	10	2	18	2	2	2	2								
		QA-10	**281**	**24**	**17**	**4**	**25**	**5**	**4**	**2**	**6**								
Elutriator Duplicate		OSB-3B	293	2	2	2	3	42	13	38	57	3	7.81	21	13.617	NO	196	47.355	NO
		OSB-03A	312	3	2	2	4	16	4	30	38								
Existing Grid	OSB-3	QA-5	128	9	3	1	9	33	11	12	35								
	OSB-3	QA-7	132	5	3	2	5	54	12	33	66								
Elutriator Duplicate		IBSP-4B	267	0	0	0	0	6	6	7	8	1	3.84	1	0.96	YES	11	2.48	YES
		IBSP-04S	278	1	0	0	1	1	0	3	3								
Elutriator Duplicate		GPB-12B	276	0	0	0	0	5	2	5	7	1	3.84	0	0	YES	7	6.849	NO
		GPB-12A	270	0	0	0	0	0	0	0	0								
		IBSP-05S	275	0	0	0	0	0	0	0	0	1	3.84	1	1.054	YES	4	4.215	NO
Existing Grid	IBSP5	QA-4	270	1	0	1	1	3	2	2	4								
		OSB-01A	273	4	2	4	5	17	4	15	19	1	3.84	11	2.329	YES	57	29.388	NO
Existing Grid	OSB-1	QA-6	134	5	3	3	5	32	12	25	38								

Table A-3b (Revised Aeolus, Inc. Table 4 continued) Page 2 of 2

GLCEEH QA/QC Chi-Square recalculations using 3 additional sample results

Chi Square Results (Including QA-8, QA-9, QA-10)

	Sample Number		Re-calculated Test Stat Chrysotile	Re-calculated Test Stat Amphiboles	# of Degrees of Freedom	Critical Value	Chrysotile No. of Structures	Test Stat	Con-sistent?	Amphibole No. of Structures	Test Stat	Con-sistent?		Re-calculated Test Stat Chrysotile	Re-calculated Test Stat Amphiboles
	WH-9B		0.162	2.175	3	**7.81**	12	**1.69**	YES	24	**3.76**	YES		0.000740111	2.750598226
	WH-09A		0.047	0.525										0.484416546	0.17823551
WH-9	QA-1		0.037	0.596										0.434253447	0.220124346
	QA-9	**Sum:**	**0.245**	**3.296**										0.770949261	0.611229464
													Sum:	1.690359365	3.760187546
	WH-7B		0.844	0.081	3	**7.81**	146	**25.96**	NO	30	**7.88**	NO, marginal		0.782940421	1.211509416
	WH-07A		2.728	0.588										16.48993612	2.104692735
WH-7	QA-2		1.080	2.799										0.0046716	0.820263675
	QA-8	**Sum:**	**4.652**	**3.467**										8.68397403	3.74309257
													Sum:	25.96152217	7.879558396
	WH-3B		0.006	0.549	3	**7.81**	62	**26.33**	NO	11	**2.62**	YES		0.538993878	1.13630981
	WH-03A		4.631	0.226										21.25951557	0.001520843
WH-3	QA-3		5.975	0.073										1.662629758	0.022362627
	QA-10	**Sum:**	**10.611**	**0.848**										2.870034602	1.457386843
													Sum:	26.33117381	2.617580124
	OSB-3B		2.379	1.328											
	OSB-03A		1.687	15.121											
OSB-3	QA-5		11.173	1.240											
OSB-3	QA-7		1.006	43.548											
		Sum:	**16.245**	**61.237**											
	IBSP-4B		0.490	1.265											
	IBSP-04S		0.471	1.215											
		Sum:	**0.960**	**2.480**											
	GPB-12B		#DIV/0!	3.386											
	GPB-12A		#DIV/0!	3.462											
		Sum:	**#DIV/0!**	**6.848**											
	IBSP-05S		0.505	2.018											
IBSP5	QA-4		0.514	2.056											
		Sum:	**1.019**	**4.074**											
	OSB-01A		0.435	9.675											
OSB-1	QA-6		0.886	19.712											
		Sum:	**1.320**	**29.387**											

TABLE A-4 (Revised Aeolus, Inc. Table 5):

GLCEEH RECALCULATIONS OF SUMMARY OF RELATIVE PERCENT DIFFERENCE ANALYSES ACROSS DUPLICATE AND REPLICATE SAMPLES

	Replicate Number	Sample Number	Laboratory	Number G.O.s	Concentration Chrysotile Structures Mass Dep on Filter	Total Protocol Structures	Fraction Long (>10 um)	7402 Structures	Calculated Total Chrys Long (> 5 um) Structures	Concentration Amphibole Structures Total Protocol Structures	Fraction Long (>10 um)	7402 Structures	Calculated Total Amph Long Structures	Calculated Total Asbestos Long (> 5 um) Structures	Pairings by mass on filter Mass Dep on Filter	Pairings		Chrys Long (> 5 um) Structures RPD		Amph Long (> 5 um) Structures RPD		Total Long (> 5 um) Structures RPD
Elutriator Duplicate	a	WH-6B	EMS	291	143	2.0E+06	100%	3.0E+06	3.0E+06	2.0E+06	100%	2.0E+06	2.0E+06	5.0E+06	143	1	a	a:b	40	a	a:b	111	57
	b	WH-06A	EMS	285	146	9.9E+05	100%	2.0E+06	2.0E+06	5.0E+06	100%	4.0E+06	7.0E+06	9.0E+06	146	2	b	b:c	65	b	b:c	2	10
Existing Grid	c	WH-9 (QA-1)	UA	280	146	1.0E+06	100%	0.0E+00	1.0E+06	3.1E+06	100%	4.1E+06	7.1E+06	8.1E+06	146	2	c	a:c	99	c	a:c	112	48
	d	WH-9 (QA-6)	UA	290	143	5.0E+06	40%	2.0E+06	5.0E+06	8.0E+06	50%	6.0E+06	8.0E+06	1.3E+07	143	1	d	a:d	50	d	a:d	120	89
																		b:d	85		b:d	14	37
																		c:d	133		c:d	12	46
Elutriator Duplicate	a	WH-7B	EMS	297	142	3.9E+07	80%	6.9E+06	3.9E+07	3.9E+06	0%	5.9E+06	5.9E+06	4.5E+07	142	1	a	a:b	81	a	a:b	39	58
	b	WH-07A	EMS	258	158	2.1E+07	76%	1.1E+07	2.1E+07	4.0E+06	50%	2.0E+06	4.0E+06	2.5E+07	158	2	b	b:c	60	b	b:c	101	69
Existing Grid	c	WH-7 (QA-2)	UA	105	158	3.6E+07	92%	1.1E+07	3.9E+07	1.1E+07	75%	8.3E+06	1.2E+07	5.1E+07	158	2	c	a:c	1	c	a:c	69	12
	d	WH-7 (QA-8)	UA	290	142	6.7E+07	54%	6.0E+06	6.9E+07	1.1E+07	55%	9.0E+06	1.5E+07	8.4E+07	142	1	d	a:d	55	d	a:d	88	61
																		b:d	107		b:d	117	109
																		c:d	57		c:d	22	50
Elutriator Duplicate	a	WH-3B	EMS	266	157	1.3E+07	92%	2.0E+06	1.3E+07	9.9E+05	100%	9.9E+05	9.9E+05	1.4E+07	157	1	a	a:b	74	a	a:b	99	44
	b	WH-03A	EMS	294	143	4.9E+06	80%	3.0E+06	5.9E+06	3.0E+06	100%	9.8E+05	3.0E+06	8.9E+06	143	2	b	b:c	122	b	b:c	6	102
Existing Grid	c	WH-3 (QA-3)	UA	213	143	2.0E+07	63%	2.5E+06	2.4E+07	2.5E+06	100%	2.5E+06	2.7E+06	2.7E+07	143	2	c	a:c	62	c	a:c	93	65
	d	WH-3 (QA-10)	UA	281	157	2.3E+07	40%	3.8E+06	2.3E+07	4.7E+06	89%	1.9E+06	4.7E+06	2.8E+07	157	1	d	a:d	58	d	a:d	130	68
																		b:d	120		b:d	45	104
																		c:d	4		c:d	53	3
Elutriator Duplicate	a	OSB-3B	EMS	293	145	1.9E+06	100%	1.9E+06	2.9E+06	4.0E+07	31%	3.6E+07	5.4E+07	5.7E+07	145	1	a	a:b	32	a	a:b	36	32
	b	OSB-03A	EMS	312	134	3.0E+06	67%	2.0E+06	4.0E+06	1.6E+07	25%	3.0E+07	3.8E+07	4.2E+07	134	2	b	b:c	138	b	b:c	77	87
Existing Grid	c	OSB-3 (QA-5)	UA	128	134	1.8E+07	33%	2.0E+06	2.2E+07	6.8E+07	33%	2.5E+07	8.4E+07	1.1E+08	134	2	c	a:c	153	c	a:c	43	60
	d	OSB-3 (QA-7)	UA	132	145	9.7E+06	60%	3.9E+06	1.1E+07	1.0E+08	22%	6.4E+07	1.4E+08	1.5E+08	145	1	d	a:d	115	d	a:d	88	90
																		b:d	91		b:d	115	113
																		c:d	69		c:d	49	34
Elutriator Duplicate	a	IBSP-4B	EMS	267	158		0%		0.0E+00	5.9E+06	100%	6.9E+06	7.9E+06	7.9E+06	158	1	a	a:b	200		a:b	90	66
	b	IBSP-04S	EMS	278	150	9.7E+05	0%		9.9E+05	8.7E+05	0%	2.9E+06	3.0E+06	4.0E+06	150	2	b						
Elutriator Duplicate	a	GPB-12B	EMS	278	151		0%		0.0E+00	5.0E+06	40%	5.0E+06	7.0E+06	7.0E+06	151	1	a	a:b	#DIV/0!		a:b	200	200
	b	GPB-12A	EMS	270	151				0.0E+00				0.0E+00	0.0E+00	151	2	b						
Existing Grid	a	IBSP-05S	EMS	275	150				0.0E+00				0.0E+00	0.0E+00	150	1	a	a:b	200		a:b	200	200
	b	IBSP-05 (QA-4)	UA	270	150	1.0E+06	0%	1.0E+06	1.0E+06	3.1E+06	67%	2.1E+06	4.0E+06	5.0E+06	150	1	b						
Existing Grid	a	OSB-01A	EMS	273	151	4.0E+06	50%	4.0E+06	5.0E+06	1.7E+07	24%	1.5E+07	1.9E+07	2.4E+07	151	1	a	a:b	84		a:b	121	116
	b	OSB-1 (QA-6)	UA	134	151	1.0E+07	60%	6.1E+06	1.2E+07	8.5E+07	38%	5.1E+07	7.8E+07	9.0E+07	151	1	b						